

# Internal Daylight & Sunlight Report

Hillingdon Gateway, Freezeland Way, Hillingdon

29 May 2020



**robinsons**

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- B. Internal Daylight & Sunlight Analysis
- C. Internal Overshadowing Study

## **1.0 Introduction**

- 1.1 We have been instructed by Inland Homes to provide an Internal Daylight & Sunlight Report in respect of the proposed development ("Proposed Development") at Hillingdon Gateway, Freezeland Way, Hillingdon.
- 1.2 In producing the 3D AutoCAD model for our analysis we have relied on the information noted in paragraph 2 (below) - other limitations can be found at paragraph 2. Details of the information relied upon when compiling the model can also be found on the drawings, which are enclosed.

## **2.0 Sources of Information and Limitations**

### **Sources of Information**

Ordnance Survey: Digital OS Extract.

Aerial Photography: Subscription free photographic images.

Site Photography: Subscription free photographic images plus site photography taken by ourselves.

Survey Information: 3<sup>rd</sup> Party context massing provided by specialist supplier (developed from photograph based data) and adapted for analysis. Relevant land survey information provided by the client.

Architects Drawings: 3<sup>rd</sup> Party massing provided by architect and massing developed from architects 2D drawings.

See enclosed drawings for further source information.

### **Limitations**

Whilst we have undertaken a detailed review of all information made available as part of this role, we are obliged to advise you that our report and advice in general is limited by our terms of appointment.

The following limitations and assumptions also apply.

- This report has been prepared for use of the addressees only and we accept no liability to any 3<sup>rd</sup> party in respect of its contents.
- Our analysis reflects the scheme as designed at the point of analysis. Where changes occur, from this original baseline proposal, our analysis will need to be updated.
- Survey data for the existing site and neighbouring properties has been provided directly by you and has been prepared by others. In some instances this may have been provided directly by 3<sup>rd</sup> party suppliers. We are unable to underwrite the accuracy of information provided by 3<sup>rd</sup> parties. We understand that some of the information provided is based upon measured survey data whilst some is based upon assumed or indicative data.
- Our advice is given as surveyors only and not as a legal adviser. Independent legal advice will be required.

### **3.0 Brief Description of the Site**

- 3.1 The Proposed Development site is broadly rectangular in shape. Access to the site is from Freezeland Way, which is located to the south of the site.
- 3.2 Construction of a residential-led, mixed-use development comprising buildings of between 2 and 11 storeys containing 514 units (Use Class C3); flexible commercial units (Use Class B1/A1/A3/D1); associated car (164 spaces) and cycle parking spaces; refuse and bicycle stores; hard and soft landscaping including a new central space, greenspaces, new pedestrian links; biodiversity enhancement; associated highways infrastructure; plant; and other associated ancillary development.
- 3.3 Unless specifically commented upon within the main body of this report and/or detailed within the drawings enclosed, we have not been made aware of any other schemes which could impact upon our analysis.
- 3.4 Our understanding of the existing, proposed and surrounding massing is detailed in drawings included at Appendix A. Our analysis can be found at Appendix B. An internal overshadowing study is enclosed at Appendix C.



## **4.0 Daylight & Sunlight Analysis**

### **Background**

- 4.1 We set out below a brief description of our current understanding of matters relating to daylight and sunlight analysis.
- 4.2 There is no current, specific legislative framework relating to developments and their potential effect on daylight and sunlight. When considering development proposals it is normal to have regard to 'Site Layout Planning for Daylight and Sunlight: a Guide to Good Practice (Second Edition)', published by the Building Research Establishment (BRE Guide).
- 4.3 Whilst the BRE Guide does apply to offices / commercial accommodation, local authorities are principally concerned with the impact to residential properties and in particular 'habitable rooms' within these.
- 4.4 The European daylight standard (EN 17037:2019) came into force in 2019 and has wide sweeping consequences for the measurement of daylight in buildings. At this stage, the standard has not been fully adopted as policy by all local planning authorities. Ambiguity remains as to whether it will come into force given Britain's exit from the European Union. Therefore, we have focussed our attention on compliance with the BRE Guide - which is widely adopted as Policy. It should be noted that EU 17037:2019 draws together a number of references but provides higher target levels for daylight and therefore if adopted the standard could impact upon the advice given in this report. Liaison with the Local Planning Authority will be required prior to considering this further.
- 4.5 The BRE Guide states:

*"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and this document should not be seen as an instrument in planning policy. Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of many factors in site layout design. In special circumstances the developer or Planning Authority may wish to use different target values. For example, in an historic city centre a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings".*

- 4.6 The BRE Guide states that in some circumstances (e.g. where a higher degree of obstruction is unavoidable, in an area with modern high rise buildings or if new developments are to match the height and proportion of existing buildings) alternative targets should be considered. The Whitechapel Case defined the alternative Vertical Sky Component (VSC) target, for central London, as 'mid-teens'.<sup>1</sup> We have therefore used 15% VSC as the alternative target ("Whitechapel Case target") within this report.
- 4.7 The BRE Guide makes reference to situations where a neighbouring property might be built close to the boundary of a development site. Where a neighbouring property is standing close to its own boundary and that of a development site, it can unfairly restrict development potential and such design concerns should be factored into the process when considering daylight and sunlight. This argument is commonly referred to as a 'bad neighbour' or 'poor [neighbour] design'.
- 4.8 It might also be applied to other unusual aspects associated with a neighbouring property's design. Development on a largely under-developed site might also cause unfair restrictions on development; particularly, where the proposed development is located in a dense urban environment but impacts are considered in the context of an uncommon baseline condition.
- 4.9 The approach to consider rooms of 13 - 15 sq m non-habitable is detailed in the Mayor's Housing SPG ("Mayor's SPG"), at paragraph 1.3.19 (see below):
- "For planning purposes a habitable room is usually defined as any room used or intended to be used for sleeping, cooking, living or eating purposes. Enclosed spaces such as bath or toilet facilities, service rooms, corridors, laundries, hallways, utility rooms or similar spaces are excluded from this definition. In some circumstances, a large kitchen or kitchen dining room may be counted as a habitable room, but the approach varies between boroughs. There is no statutory definition for kitchens to be counted as a habitable room, nor is there any statutory size threshold. Many boroughs, however, include a figure of between 13 and 15 square meters in LDF's: any kitchen above that minimum is usually counted as a habitable room. Generally, a kitchen with a small table and chairs in one corner, or a kitchen 'bar', would not be counted as a habitable room. A room with a clearly defined kitchen at one end and a clearly defined dining area at the other (with a dining table and chairs) would be counted as a habitable room."*
- 4.10 Windows beneath balconies may receive less daylight and sunlight owing to the balcony above restricting access to sky visibility. The BRE Guide suggests taking this into account (by removing balconies prior to testing) when considering shortfalls to neighbouring properties - to assess whether the presence of a balcony may be restricting levels of daylight and sunlight to a neighbouring property rather than the proposed development. Where appropriate we have considered the impacts of balconies within the enclosed analysis and have made comment, below.

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<sup>1</sup> Acceptable VSC levels in inner London are 'mid-teens' in accordance with the Whitechapel Estate Appeal Decision -see APP/E5900/W/17/3171437 ("Whitechapel Case").

## Daylight

- 4.11 Daylight, or skylight, is the amount of light that enters a room and should not be confused with sunlight (discussed later) which is direct sunlight. Daylight analysis can be used to determine the loss of light to a building as a result of a neighbouring development or the internal quality of daylight within a room.
- 4.12 Initially, when considering the impact to a nearby building the BRE Guide states that where a new development falls beneath a 25 degree angle, taken from a point two meters above ground level (which generally corresponds with the head of the ground floor windows), then there will be no material impact on daylight and no further analysis is required. If this is not the case then the BRE Guide recommends that further analysis is undertaken to establish if there will be adequate daylight or, to be precise, light from the sky.
- 4.13 The BRE Guide and other relevant supporting documentation suggests various methods for calculating daylight, namely;
- VSC (Vertical Sky Component)
  - NSC/DD (No Sky Contour/Daylight Distribution)
  - ADF (Average Daylight Factor)

### Vertical Sky Component

- 4.14 This is the measure of the amount of skylight incident on a vertical plane (i.e. a window). Where establishing the daylight falling upon a window we consider the light at the centre of the window. The VSC is calculated by assessing the ratio of skylight available as a percentage of the unobstructed skylight available at that same point. For a uniform sky, the maximum value is 50% (since the point is on a vertical plane, clearly only half of the hemisphere of light can contribute). For a CIE<sup>2</sup> sky, the maximum value is 39.6%.
- 4.15 The guidelines state that if the VSC at the centre of a window is less than 27% and less than 0.8 times its former value, as a result of the development in question, the diffuse day lighting of the existing building will be adversely affected. A value of 27% corresponds to an infinite obstruction angle of 25 degrees - which is why at 25 degrees and above we can normally discount the need for any further daylight and sunlight analysis (see below).

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<sup>2</sup> Commission Internationale d'Eclairage – this organisation developed the concept of the standard overcast sky.

- 4.16 Despite the above aspirations, further clarity is provided in the Holy Trinity Case hearing <sup>3</sup>. Here, it was stated that the BRE Guide figures, above, are “*provided for low density suburban housing*”, it goes on to states that where a site is of an “*underdeveloped nature...relative to it’s context...[the] percentage reduction should be increased to 30%, with an upper threshold of 40%*”. Although predating the case, the Holy Trinity Case echoes the mid-teens comment quoted in the Whitechapel Case. It also clarifies that “*where VSC values fall below 10% (so as to be in single figures), the availability of direct light from the sky will be poor*”.

No Sky Contour/Daylight Distribution

- 4.17 The DD measures the point, at desktop level, where sky is no longer visible through a window.
- 4.18 The DD is similar to the VSC approach in that a 20% reduction to the existing area of sky visibility to a room is considered acceptable. This suggests that a room receiving daylight to 80% of it’s area is acceptable is as well-lit, to the eye, as a room receiving daylight to 100% of it’s area. The BRE Guide makes a specific reference to the use of this method where room layouts are known.
- 4.19 The DD - including within this report, enables a greater understanding of how the daylight is distributed within a room. The BRE Guide does not relate this methodology of analysis to ‘room use’, instead it is used to simply provide an understanding of the ‘change’ caused by a development.
- 4.20 Average Daylight Factor
- 4.21 Average Daylight Factor or ADF is an assessment of the intensity of daylight and how it is distributed within a room.
- 4.22 The BRE Guidelines define ADF as;
- 4.23 *The “Ratio of total daylight flux<sup>4</sup> incident upon the working plane, expressed as a percentage of the outdoor luminance on a horizontal plan due to an unobstructed CIE Standard Overcast Sky”*
- 4.24 ADF values can be calculated for rooms within a proposed development to ensure the quality of daylight will be adequate. Alternatively, the effect upon a neighbouring building can be calculated in order to understand the impact of a neighbouring development.

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<sup>3</sup> Holy Trinity, Dalston - Greater London Authority Representation Hearing Report D&P/3067/03 (“Holy Trinity Case”).

<sup>4</sup> Luminous Flux – ‘The light emitted by source, or received by a surface (expressed in lumens). The quantity is derived from radiant flux (power) by evaluating the radiation in accordance with the spectral sensitivity of the “standard” eye’.



- 4.25 Factors on which the ADF depend include: VSC at the face of each window, the Total Window Area, Total Wall Area, Wall Reflectivity and Window Transmission. There are no specific BRE criteria for reduction in ADF if a proposed development were to be implemented, but since the ADF is related to the VSC via the obstruction angle, a reduction in VSC leads to a reduction in ADF.
- 4.26 The BRE Guide states that for a predominantly day lit room the ADF should be 5% or more if there is no supplementary electric lighting, or 2% or more if there is supplementary electric lighting. There are additional recommended ADF levels for dwellings with supplementary lighting. The BRE Guide states that *“bedrooms should be analysed....[but]....they are less important”* [than other room uses].
- 4.27 Recommended ADF levels are as follows<sup>5</sup>;
- 2.0% - Kitchens
  - 1.5% - Living Rooms
  - 1% - Bedrooms
- 4.28 The ADF methodology is not cited in the main text of the BRE Guide. However that does not make it less important than the VSC method of analysis as it has several advantages over VSC. In particular, its reference to both room use and layout. It is also the principal method used by both the British Standard, the British Standards Institute and CIBSE<sup>6</sup> - bodies of reference used in the compilation of BRE Guide 209. ADF analysis is only used to assess neighbouring impacts in certain circumstances.
- 4.29 When using ADF, in relation to the effect posed by a neighbouring development, exact floor plans and room uses are not always available, but this does not mean that that ADF cannot be used. It is often possible to make realistic assumptions regarding room size and use from external observations and experience, if floor plans or access to the property is not possible.
- 4.30 Guidance in the Holy Trinity Case states that, *“In cases where one room serves more than one purpose, the minimum ADF should be that for the room type with the higher value. Notwithstanding this,...in practice, the principal use of rooms designed as a ‘living room/kitchen/dining room’ is as a living room. Accordingly, it would be reasonable to apply a target of 1.5% to such rooms.”*
- 4.31 When undertaking analysis to the interior of the scheme, we have utilised the following materials: Floor Finish: Kahrs - Linnea Ash Blizzard (LRV 88%). Paint Finish: Little Green - Loft White to walls and ceilings (92% LRV).

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<sup>5</sup> These figures are also recommended in BS 8206 Part 2 1992 entitled 'Code of Practice for Daylighting'.

<sup>6</sup> Chartered Institute of Building Services Engineers

## Sunlight

### Annual Probable Sunlight Hours

- 4.32 Sunlight to windows is assessed by Annual Probable Sunlight Hours (APSH), which seeks to ascertain the likelihood of a building elevation, within 90 degrees of due south, receiving sunlight in a typical year.
- 4.33 The calculations are taken from the centre of the inside of each window plane as is the case with VSC calculations. Again, the BRE Guide states that kitchens and bedrooms are less important in the context of considering sunlight.
- 4.34 The calculation was designed to establish the percentage of APSH on the basis of sunlight availability. The maximum total of annual unobstructed sunlight hours is 1,486 - the percentage APSH relates to this.
- 4.35 Where considering sunlight, we have focussed upon APSH to rooms only, rather than windows alone (which are, in some cases, single aspect) as this provides a clearer indication of what is experienced within a room taking into account sunlight from more than one direction.
- 4.36 The BRE Guide states;
- 4.37 *"If [following completion of the proposed development] a window reference point can receive more than one quarter of annual probable sunlight hours (i.e. 25%), including at least 5% of annual probable sunlight hours during the winter months of 21<sup>st</sup> September and 21<sup>st</sup> March, then a room should still receive enough sunlight".*
- 4.38 Again, the BRE Guide and Holy Trinity Case provide further guidance. Where there is a shortfall against these strict aspirations of more than 4%, then the reduction should not be more than 20% against existing values.

## Overshadowing

- 4.39 When considering overshadowing, to gardens and open spaces, the BRE Guide states:

*"It is recommended that, for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If, as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive some two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot be carried out, it is recommended that the centre of the area should receive at least two hours of sunlight on 21 March.*

## 5.0 Results of Analysis

- 5.1 As evidenced by the drawings and analysis, enclosed at Appendix A - C, we have undertaken internal daylight, sunlight and overshadowing analysis to consider amenity within the Proposed Development. We have commented upon our findings, in detail, below.

### Daylight

- 5.2 Out of 1400 rooms tested, across all blocks, just 38 fall short of the strict BRE Guide ADF aspirations for suburban locations. As the primary test for daylight within a room these levels are extremely positive and supportable.

| Property     | Number of Rooms Tested | Rooms satisfying BRE |            | Rooms not satisfying BRE |
|--------------|------------------------|----------------------|------------|--------------------------|
|              |                        | No.                  | %          |                          |
| Building 1   | 149                    | 149                  | 100%       | 0                        |
| Building 2   | 104                    | 103                  | 99%        | 1                        |
| Building 3   | 115                    | 115                  | 100%       | 0                        |
| Building 4   | 148                    | 144                  | 97%        | 4                        |
| Building 5   | 151                    | 148                  | 98%        | 3                        |
| Building 6   | 113                    | 101                  | 89%        | 12                       |
| Building 7   | 113                    | 106                  | 94%        | 7                        |
| Building 8   | 117                    | 107                  | 91%        | 10                       |
| Building 9   | 50                     | 50                   | 100%       | 0                        |
| Building 10  | 164                    | 163                  | 99%        | 1                        |
| Building 11  | 88                     | 88                   | 100%       | 0                        |
| Building 12  | 88                     | 88                   | 100%       | 0                        |
| <b>Total</b> | <b>1400</b>            | <b>1362</b>          | <b>97%</b> | <b>38</b>                |

- 5.3 In terms of further scrutiny, it can be seen that just 15 rooms of these 38 rooms suffer shortfalls when the Holy Trinity 1.5% ADF target is applied. Whilst 1 bedroom (Building 6, Fourth floor R7) falls short of the 1% target for bedrooms this is a modest shortfall of just 5%, against the BRE Guide strict aspirations for suburban locations. The remaining LKD shortfalls could be improved by separating kitchens to provide windowless space, however, this will detract from the current open plan design. As this number of shortfalls represents less than 1% of the total we consider average daylight levels to be supportable without affecting amenity in this way.

- 5.4 In terms of DD, there is an overall pass rate of 74% (with 360 shortfalls) against the strict aspirations of the BRE Guide. As can be seen from the breakdown, below, a pass rate of 80% and above is achieved to all blocks except block, 4, 6, 7, 8 and 10. The shortfalls tend to concentrate at low level where windows face adjacent massing - where the prospect of sky visibility is naturally reduced.

| Property     | Number of Rooms Tested | Rooms that meet BRE Guidelines |            | Rooms that meet 50% DD |            |
|--------------|------------------------|--------------------------------|------------|------------------------|------------|
|              |                        | No.                            | %          | No.                    | %          |
| Building 1   | 149                    | 144                            | 97%        | 149                    | 100%       |
| Building 2   | 104                    | 92                             | 88%        | 100                    | 96%        |
| Building 3   | 115                    | 96                             | 83%        | 108                    | 94%        |
| Building 4   | 148                    | 81                             | 55%        | 122                    | 82%        |
| Building 5   | 151                    | 129                            | 85%        | 141                    | 93%        |
| Building 6   | 113                    | 48                             | 42%        | 85                     | 75%        |
| Building 7   | 113                    | 64                             | 57%        | 93                     | 82%        |
| Building 8   | 117                    | 70                             | 60%        | 98                     | 84%        |
| Building 9   | 50                     | 46                             | 92%        | 50                     | 100%       |
| Building 10  | 164                    | 122                            | 74%        | 157                    | 96%        |
| Building 11  | 88                     | 70                             | 80%        | 83                     | 94%        |
| Building 12  | 88                     | 78                             | 89%        | 87                     | 99%        |
| <b>Total</b> | <b>1400</b>            | <b>1040</b>                    | <b>74%</b> | <b>1273</b>            | <b>91%</b> |

- 5.5 Whilst a DD of 80% is considered a suitable target for suburban locations, alternative targets can be used in urban environments such as this. If compared to a more reasonable target of 50% it can be seen that the number of shortfalls reduces to 127 which would result in an average pass rate of just over 91% .
- 5.6 These shortfalls occur to bedrooms, LD's and LKD's (and one room of unspecified use) with bedrooms generally achieving DD's of 50% and above. This can be considered an adequate DD for a bedroom, particularly with such positive ADF results. Also, it is important to remember that the BRE Guide states that daylight to bedrooms is less important than for other rooms.

- 5.7 Whilst the remaining rooms, excluding bedrooms, include 2 LD's the residual (excluding LD's) with 50% DD shortfalls comprise 68 LKD's. Whilst all of these will experience extremely good levels of ADF any shortfalls in terms of DD could be significantly improved by simply separating kitchens from the remaining LD spaces. Whilst the current design does not include for this we have advised the architect that this will be possible, but it would detract from the internal amenity provided by open plan living space. Removal of balconies could also significantly improve DD, but again, it is felt that the trade-off between out-door living space provision and enhanced daylight amenity to a modest selection of rooms (68 out of 1400) is not sufficient to implement this.

#### Sunlight

- 5.8 In terms of sunlight, out of 2572 windows tested, 1586 fall short of the BRE Guide strict aspiration for a suburban setting. Only those windows within 90 degrees of due south are able to view the sun-path, just 555 of these fall short of these aspirations. When the dual aspect nature of rooms is taken into account, 771 rooms are affected, including windows that face outside 90 degrees of due south. Of these 771 just 222 rooms, out of a total of 1400 tested, experience shortfalls whilst only having windows that face within 90 degrees of due south. Many of these 222 rooms achieve 21 APSH or more, which lies within the 4% unnoticeable reduction from the aspirational 25% quoted in the BRE Guide and the Holy Trinity Case. Despite any winter shortfalls these annual shortfalls are unnoticeable and acceptable.
- 5.9 It is important to note that of the 222 rooms that comply with these strict aspirations for suburban locations all have windows that face 112 degrees or 202 degrees of due north. This means they are either only able to see a very small amount of the sun path in the morning and early evening as it travels from east to west (90 degrees to 270 degrees). This is a major contributor to the shortfalls. Whilst removing balconies would help some rooms, this will not change all shortfalls, particularly at low levels to the façade, where adjacent massing will also limit sky and sun visibility. As most of these concerns are a direct result of orientation, which is dictated by the orientation of the site boundary, we feel that these shortfalls can be supported.

#### Overshadowing

- 5.10 We have analysed levels of sunlight to external amenity spaces to the Proposed Development. Our sunlight study has been enclosed at Appendix C. As can be clearly seen from the centre to these amenity spaces will achieve 2 hours of sunlight on 21<sup>st</sup> March and will therefore be adequately sunlit when considered against the BRE Guide test.

## 6.0 **CONCLUSION**

- 6.1 We have undertaken an internal daylight, sunlight and overshadowing assessment in respect of the Proposed Development. Subject to the limitations, assumptions and clarifications within this report, and the appendices, our analysis demonstrates those areas that comply with the BRE Guide.
- 6.2 In areas where compliance with the aspirations of the BRE Guide is more challenging we feel, for reasons outlined above, that the design is supportable as any derogations *would not be inconsistent with what one would generally expect to find in a location*<sup>7</sup> such as this. Any such derogations should be considered *flexibly as natural lighting is only one of many factors in site layout and design*<sup>8</sup> and care must be taken not to allow these factors to *outweigh the advantages of the scheme*<sup>9</sup>.
- 6.3 As a final point, is important to note that the BRE Guide itself specifically states that it is not an instrument of planning policy and that the stipulations within it should not be rigidly adhered to.
- 6.4 We trust the above is useful, please do not hesitate to contact us should you have any further queries.

Yours faithfully,

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<sup>7</sup> Para. 13.105 Report of Inspector John L Gray in Approval of Planning Application, on Appeal by West End Green (Properties) Limited in respect of Land at Edgware Road, Church St, Paddington Green and Newcastle Place.

<sup>8</sup> Para. 1.6 BRE Guide 209 Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice.

<sup>9</sup> Para.28 of First Secretary of State Decision in Approval of Planning Application, on Appeal by West End Green (Properties) Limited in respect of Land at Edgware Road, Church St, Paddington Green and Newcastle Place.



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- 4.5 The BRE Guide states:

*"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and this document should not be seen as an instrument in planning policy. Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of many factors in site layout design. In special circumstances the developer or Planning Authority may wish to use different target values. For example, in an historic city centre a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings".*



- 4.6 The BRE Guide states that in some circumstances (e.g. where a higher degree of obstruction is unavoidable, in an area with modern high rise buildings or if new developments are to match the height and proportion of existing buildings) alternative targets should be considered. The Whitechapel Case defined the alternative Vertical Sky Component (VSC) target, for central London, as ‘mid-teens’.<sup>1</sup> We have therefore used 15% VSC as the alternative target (“Whitechapel Case target”) within this report.
- 4.7 The BRE Guide makes reference to situations where a neighbouring property might be built close to the boundary of a development site. Where a neighbouring property is standing close to its own boundary and that of a development site, it can unfairly restrict development potential and such design concerns should be factored into the process when considering daylight and sunlight. This argument is commonly referred to as a ‘bad neighbour’ or ‘poor [neighbour] design’.
- 4.8 It might also be applied to other unusual aspects associated with a neighbouring property’s design. Development on a largely under-developed site might also cause unfair restrictions on development; particularly, where the proposed development is located in a dense urban environment but impacts are considered in the context of an uncommon baseline condition.
- 4.9 The approach to consider rooms of 13 - 15 sq m non-habitable is detailed in the Mayor’s Housing SPG (“Mayor’s SPG”), at paragraph 1.3.19 (see below):
- “For planning purposes a habitable room is usually defined as any room used or intended to be used for sleeping, cooking, living or eating purposes. Enclosed spaces such as bath or toilet facilities, service rooms, corridors, laundries, hallways, utility rooms or similar spaces are excluded from this definition. In some circumstances, a large kitchen or kitchen dining room may be counted as a habitable room, but the approach varies between boroughs. There is no statutory definition for kitchens to be counted as a habitable room, nor is there any statutory size threshold. Many boroughs, however, include a figure of between 13 and 15 square meters in LDF’s: any kitchen above that minimum is usually counted as a habitable room. Generally, a kitchen with a small table and chairs in one corner, or a kitchen ‘bar’, would not be counted as a habitable room. A room with a clearly defined kitchen at one end and a clearly defined dining area at the other (with a dining table and chairs) would be counted as a habitable room.”*
- 4.10 Windows beneath balconies may receive less daylight and sunlight owing to the balcony above restricting access to sky visibility. The BRE Guide suggests taking this into account (by removing balconies prior to testing) when considering shortfalls to neighbouring properties - to assess whether the presence of a balcony may be restricting levels of daylight and sunlight to a neighbouring property rather than the proposed development. Where appropriate we have considered the impacts of balconies within the enclosed analysis and have made comment, below.

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<sup>1</sup> Acceptable VSC levels in inner London are ‘mid-teens’ in accordance with the Whitechapel Estate Appeal Decision -see APP/E5900/W/17/3171437 (“Whitechapel Case”).

## **Daylight**

- 4.11 Daylight, or skylight, is the amount of light that enters a room and should not be confused with sunlight (discussed later) which is direct sunlight. Daylight analysis can be used to determine the loss of light to a building as a result of a neighbouring development or the internal quality of daylight within a room.
- 4.12 Initially, when considering the impact to a nearby building the BRE Guide states that where a new development falls beneath a 25 degree angle, taken from a point two meters above ground level (which generally corresponds with the head of the ground floor windows), then there will be no material impact on daylight and no further analysis is required. If this is not the case then the BRE Guide recommends that further analysis is undertaken to establish if there will be adequate daylight or, to be precise, light from the sky.
- 4.13 The BRE Guide and other relevant supporting documentation suggests various methods for calculating daylight, namely;
- VSC
  - NSC/DD (No Sky Contours or Daylight Distribution)
  - ADF (Average Daylight Factor)

### Vertical Sky Component

- 4.14 This is the measure of the amount of skylight incident on a vertical plane (i.e. a window). Where establishing the daylight falling upon a window we consider the light at the centre of the window. The VSC is calculated by assessing the ratio of skylight available as a percentage of the unobstructed skylight available at that same point. For a uniform sky, the maximum value is 50% (since the point is on a vertical plane, clearly only half of the hemisphere of light can contribute). For a CIE<sup>2</sup> sky, the maximum value is 39.6%.
- 4.15 The guidelines state that if the VSC at the centre of a window is less than 27% and less than 0.8 times its former value, as a result of the development in question, the diffuse day lighting of the existing building will be adversely affected. A value of 27% corresponds to an infinite obstruction angle of 25 degrees - which is why at 25 degrees and above we can normally discount the need for any further daylight and sunlight analysis (see below).

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<sup>2</sup> Commission Internationale d'Eclairage – this organisation developed the concept of the standard overcast sky.



- 4.16 Despite the above aspirations, further clarity is provided in the Holy Trinity Case hearing <sup>3</sup>. Here, it was stated that the BRE Guide figures, above, are “*provided for low density suburban housing*”, it goes on to states that where a site is of an “*underdeveloped nature...relative to it’s context...[the] percentage reduction should be increased to 30%, with an upper threshold of 40%*”. Although predating the case, the Holy Trinity Case echoes the mid-teens comment quoted in the Whitechapel Case. It also clarifies that “*where VSC values fall below 10% (so as to be in single figures), the availability of direct light from the sky will be poor*”.

No Sky Contour/Daylight Distribution

- 4.17 The DD measures the point, at desktop level, where sky is no longer visible through a window.
- 4.18 The DD is similar to the VSC approach in that a 20% reduction to the existing area of sky visibility to a room is considered acceptable. This suggests that a room receiving daylight to 80% of it’s area is acceptable is as well-lit, to the eye, as a room receiving daylight to 100% of it’s area. The BRE Guide makes a specific reference to the use of this method where room layouts are known.
- 4.19 The DD - including within this report, enables a greater understanding of how the daylight is distributed within a room. The BRE Guide does not relate this methodology of analysis to ‘room use’, instead it is used to simply provide an understanding of the ‘change’ caused by a development.
- 4.20 Average Daylight Factor
- 4.21 Average Daylight Factor or ADF is an assessment of the intensity of daylight and how it is distributed within a room.
- 4.22 The BRE Guidelines define ADF as;
- 4.23 *The “Ratio of total daylight flux<sup>4</sup> incident upon the working plane, expressed as a percentage of the outdoor luminance on a horizontal plan due to an unobstructed CIE Standard Overcast Sky”*
- 4.24 ADF values can be calculated for rooms within a proposed development to ensure the quality of daylight will be adequate. Alternatively, the effect upon a neighbouring building can be calculated in order to understand the impact of a neighbouring development.

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<sup>3</sup> Holy Trinity, Dalston - Greater London Authority Representation Hearing Report D&P/3067/03 (“Holy Trinity Case”).

<sup>4</sup> Luminous Flux – ‘The light emitted by source, or received by a surface (expressed in lumens). The quantity is derived from radiant flux (power) by evaluating the radiation in accordance with the spectral sensitivity of the “standard” eye’.

- 4.25 Factors on which the ADF depend include: VSC at the face of each window, the Total Window Area, Total Wall Area, Wall Reflectivity and Window Transmission. There are no specific BRE criteria for reduction in ADF if a proposed development were to be implemented, but since the ADF is related to the VSC via the obstruction angle, a reduction in VSC leads to a reduction in ADF.
- 4.26 The BRE Guide states that for a predominantly day lit room the ADF should be 5% or more if there is no supplementary electric lighting, or 2% or more if there is supplementary electric lighting. There are additional recommended ADF levels for dwellings with supplementary lighting. The BRE Guide states that *“bedrooms should be analysed....[but]....they are less important”* [than other room uses].
- 4.27 Recommended ADF levels are as follows<sup>5</sup>;
- 2.0% - Kitchens
  - 1.5% - Living Rooms
  - 1% - Bedrooms
- 4.28 The ADF methodology is not cited in the main text of the BRE Guide. However that does not make it less important than the VSC method of analysis as it has several advantages over VSC. In particular, its reference to both room use and layout. It is also the principal method used by both the British Standard, the British Standards Institute and CIBSE<sup>6</sup> - bodies of reference used in the compilation of BRE Guide 209. ADF analysis is only used to assess neighbouring impacts in certain circumstances.
- 4.29 When using ADF, in relation to the effect posed by a neighbouring development, exact floor plans and room uses are not always available, but this does not mean that that ADF cannot be used. It is often possible to make realistic assumptions regarding room size and use from external observations and experience, if floor plans or access to the property is not possible.
- 4.30 Guidance in the Holy Trinity Case states that, *“In cases where one room serves more than one purpose, the minimum ADF should be that for the room type with the higher value. Notwithstanding this,...in practice, the principal use of rooms designed as a ‘living room/kitchen/dining room’ is as a living room. Accordingly, it would be reasonable to apply a target of 1.5% to such rooms.”*
- 4.31 When undertaking analysis to the interior of the scheme, we have utilised the following materials: Floor Finish: Kahrs - Linnea Ash Blizzard (LRV 88%). Paint Finish: Little Green - Loft White to walls and ceilings (92% LRV).

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<sup>5</sup> These figures are also recommended in BS 8206 Part 2 1992 entitled 'Code of Practice for Daylighting'.

<sup>6</sup> Chartered Institute of Building Services Engineers

## Sunlight

### Annual Probable Sunlight Hours

- 4.32 Sunlight to windows is assessed by Annual Probable Sunlight Hours (APSH), which seeks to ascertain the likelihood of a building elevation, within 90 degrees of due south, receiving sunlight in a typical year.
- 4.33 The calculations are taken from the centre of the inside of each window plane as is the case with VSC calculations. Again, the BRE Guide states that kitchens and bedrooms are less important in the context of considering sunlight.
- 4.34 The calculation was designed to establish the percentage of APSH on the basis of sunlight availability. The maximum total of annual unobstructed sunlight hours is 1,486 - the percentage APSH relates to this.
- 4.35 Where considering sunlight, we have focussed upon APSH to rooms only, rather than windows alone (which are, in some cases, single aspect) as this provides a clearer indication of what is experienced within a room taking into account sunlight from more than one direction.
- 4.36 The BRE Guide states;
- 4.37 *"If [following completion of the proposed development] a window reference point can receive more than one quarter of annual probable sunlight hours (i.e. 25%), including at least 5% of annual probable sunlight hours during the winter months of 21<sup>st</sup> September and 21<sup>st</sup> March, then a room should still receive enough sunlight".*
- 4.38 Again, the BRE Guide and Holy Trinity Case provide further guidance. Where there is a shortfall against these strict aspirations of more than 4%, then the reduction should not be more than 20% against existing values.

## Overshadowing

- 4.39 When considering overshadowing, to gardens and open spaces, the BRE Guide states:

*"It is recommended that, for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If, as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive some two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot be carried out, it is recommended that the centre of the area should receive at least two hours of sunlight on 21 March.*

## 5.0 Results of Analysis

- 5.1 As evidenced by the drawings and analysis, enclosed at Appendix A - C, we have undertaken internal daylight, sunlight and overshadowing analysis to consider amenity within the Proposed Development. We have commented upon our findings, in detail, below.

### Daylight

- 5.2 Out of 1400 rooms tested, across all blocks, just 38 fall short of the strict BRE Guide ADF aspirations for suburban locations. As the primary test for daylight within a room these levels are extremely positive and supportable.

| Property     | Number of Rooms Tested | Rooms satisfying BRE |            | Rooms not satisfying BRE |
|--------------|------------------------|----------------------|------------|--------------------------|
|              |                        | No.                  | %          |                          |
| Building 1   | 149                    | 149                  | 100%       | 0                        |
| Building 2   | 104                    | 103                  | 99%        | 1                        |
| Building 3   | 115                    | 115                  | 100%       | 0                        |
| Building 4   | 148                    | 144                  | 97%        | 4                        |
| Building 5   | 151                    | 148                  | 98%        | 3                        |
| Building 6   | 113                    | 101                  | 89%        | 12                       |
| Building 7   | 113                    | 106                  | 94%        | 7                        |
| Building 8   | 117                    | 107                  | 91%        | 10                       |
| Building 9   | 50                     | 50                   | 100%       | 0                        |
| Building 10  | 164                    | 163                  | 99%        | 1                        |
| Building 11  | 88                     | 88                   | 100%       | 0                        |
| Building 12  | 88                     | 88                   | 100%       | 0                        |
| <b>Total</b> | <b>1400</b>            | <b>1362</b>          | <b>97%</b> | <b>38</b>                |

- 5.3 In terms of further scrutiny, it can be seen that just 15 rooms of these 38 rooms suffer shortfalls when the Holy Trinity 1.5% ADF target is applied. Whilst 1 bedroom (Building 6, Fourth floor R7) falls short of the 1% target for bedrooms this is a modest shortfall of just 5%, against the BRE Guide strict aspirations for suburban locations. The remaining LKD shortfalls could be improved by separating kitchens to provide windowless space, however, this will detract from the current open plan design. As this number of shortfalls represents less than 1% of the total we consider average daylight levels to be supportable without affecting amenity in this way.

- 5.4 In terms of DD, there is an overall pass rate of 74% (with 360 shortfalls) against the strict aspirations of the BRE Guide. As can be seen from the breakdown, below, a pass rate of 80% and above is achieved to all blocks except block, 4, 6, 7, 8 and 10. The shortfalls tend to concentrate at low level where windows face adjacent massing - where the prospect of sky visibility is naturally reduced.

| Property     | Number of Rooms Tested | Rooms that meet BRE Guidelines |            | Rooms that meet 50% DD |            |
|--------------|------------------------|--------------------------------|------------|------------------------|------------|
|              |                        | No.                            | %          | No.                    | %          |
| Building 1   | 149                    | 144                            | 97%        | 149                    | 100%       |
| Building 2   | 104                    | 92                             | 88%        | 100                    | 96%        |
| Building 3   | 115                    | 96                             | 83%        | 108                    | 94%        |
| Building 4   | 148                    | 81                             | 55%        | 122                    | 82%        |
| Building 5   | 151                    | 129                            | 85%        | 141                    | 93%        |
| Building 6   | 113                    | 48                             | 42%        | 85                     | 75%        |
| Building 7   | 113                    | 64                             | 57%        | 93                     | 82%        |
| Building 8   | 117                    | 70                             | 60%        | 98                     | 84%        |
| Building 9   | 50                     | 46                             | 92%        | 50                     | 100%       |
| Building 10  | 164                    | 122                            | 74%        | 157                    | 96%        |
| Building 11  | 88                     | 70                             | 80%        | 83                     | 94%        |
| Building 12  | 88                     | 78                             | 89%        | 87                     | 99%        |
| <b>Total</b> | <b>1400</b>            | <b>1040</b>                    | <b>74%</b> | <b>1273</b>            | <b>91%</b> |

- 5.5 Whilst a DD of 80% is considered a suitable target for suburban locations, alternative targets can be used in urban environments such as this. If compared to a more reasonable target of 50% it can be seen that the number of shortfalls reduces to 127 which would result in an average pass rate of just over 91% .

- 5.6 ***These shortfalls occur to bedrooms, LD's and LKD's (and one room of unspecified use) with bedrooms generally achieving DD's of 50% and above. This can be considered an adequate DD for a bedroom, particularly with such positive ADF results. Also, it is important to remember that the BRE Guide states that daylight to bedrooms is less important than for other rooms.***

- 5.7** *Whilst the remaining rooms include, 2 LD's the residual with shortfalls comprise 64 LKD's. Whilst all of these will experience extremely good levels of ADF any shortfalls in terms of DD could be significantly improved by simply separating kitchens from the remaining LD spaces. Whilst the current design does not include for this we have advised the architect that this will be possible, but it would detract from the internal amenity provided by open plan living space. Removal of balconies could also significantly improve DD, but again, it is felt that the trade-off between outdoor living space provision and enhanced daylight amenity to a modest selection of rooms (64 out of 1400) is not sufficient to implement this.*

#### Sunlight

- 5.8** In terms of sunlight, out of 2572 windows tested, 1538 fall short of the BRE Guide strict aspiration for a suburban setting. *Only those windows within 90 degrees of due south are able to view the sun-path, just 569 of these fall short of these aspirations. When the dual aspect nature of rooms is taken into account, 773 rooms are affected, including windows that face outside 90 degrees of due south. Of these 773 just 246 rooms, out of a total of 1400 tested, experience shortfalls whilst only having windows that face within 90 degrees of due south. Many of these 246 rooms achieve 21 APSH or more, which lies within the 4% unnoticeable reduction from the aspirational 25% quoted in the BRE Guide and the Holy Trinity Case. Despite any winter shortfalls these annual shortfalls are unnoticeable and acceptable.*
- 5.9** *It is important to note that of the 246 rooms that comply with these strict aspirations for suburban locations all have windows that face 112 degrees or 202 degrees of due north. This means they are either only able to see a very small amount of the sun path in the morning and early evening as it travels from east to west (90 degrees to 270 degrees). This is a major contributor to the shortfalls. Whilst removing balconies would help some rooms, this will not change all shortfalls, particularly at low levels to the façade, where adjacent massing will also limit sky and sun visibility. As most of these concerns are a direct result of orientation, which is dictated by the orientation of the site boundary, we feel that these shortfalls can be supported.*

#### Overshadowing

- 5.10** We have analysed levels of sunlight to external amenity spaces to the Proposed Development. Our sunlight study has been enclosed at Appendix C. As can be clearly seen from the centre to these amenity spaces will achieve 2 hours of sunlight on 21<sup>st</sup> March and will therefore be adequately sunlit when considered against the BRE Guide test.



## 6.0 **CONCLUSION**

- 6.1 We have undertaken an internal daylight, sunlight and overshadowing assessment in respect of the Proposed Development. Subject to the limitations, assumptions and clarifications within this report, and the appendices, our analysis demonstrates those areas that comply with the BRE Guide.
- 6.2 In areas where compliance with the aspirations of the BRE Guide is more challenging we feel, for reasons outlined above, that the design is supportable as any derogations *would not be inconsistent with what one would generally expect to find in a location*<sup>7</sup> such as this. Any such derogations should be considered *flexibly as natural lighting is only one of many factors in site layout and design*<sup>8</sup> and care must be taken not to allow these factors to *outweigh the advantages of the scheme*<sup>9</sup>.
- 6.3 As a final point, is important to note that the BRE Guide itself specifically states that it is not an instrument of planning policy and that the stipulations within it should not be rigidly adhered to.
- 6.4 We trust the above is useful, please do not hesitate to contact us should you have any further queries.

Yours faithfully,

**robinsons**

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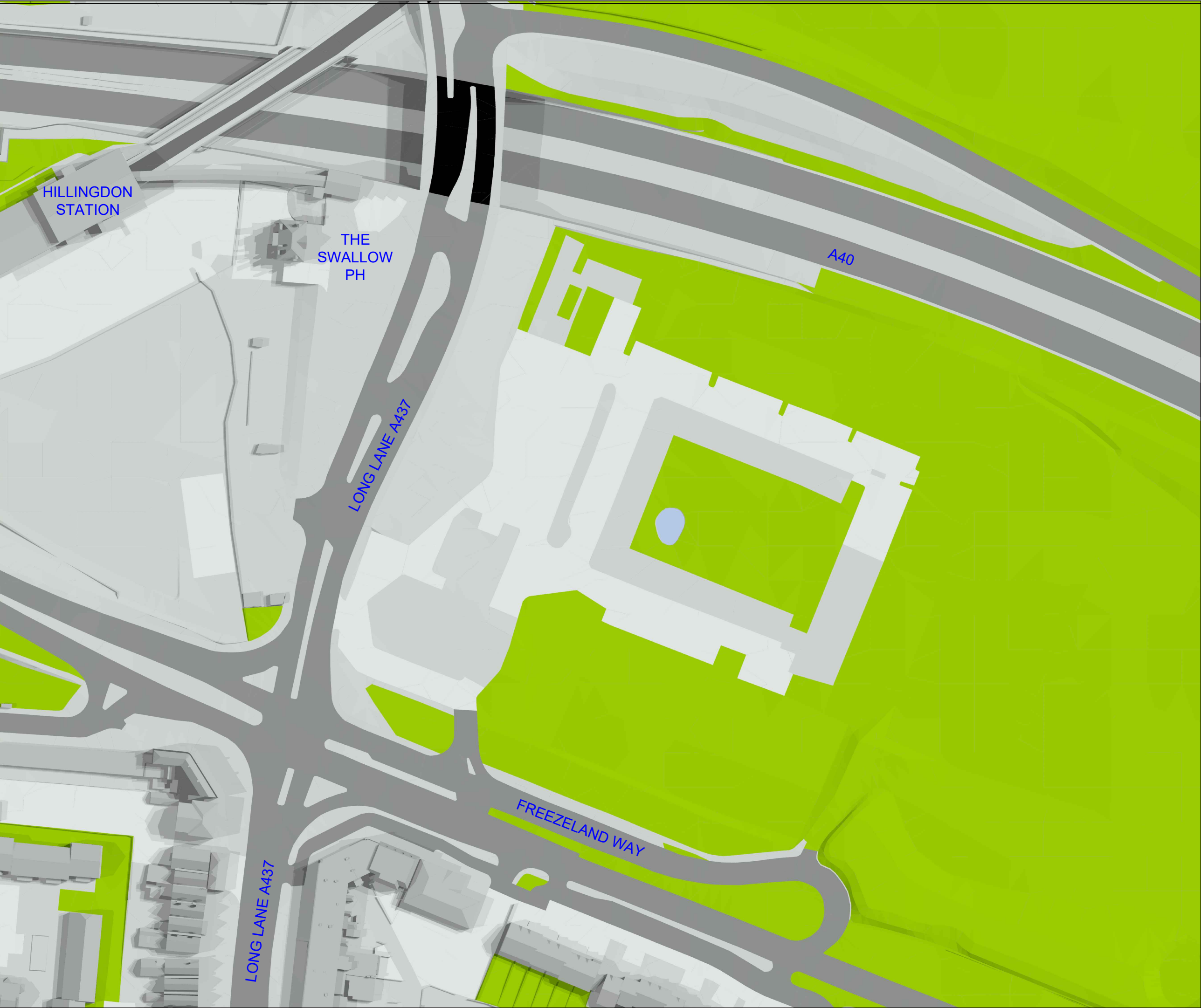
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<sup>7</sup> Para. 13.105 Report of Inspector John L Gray in Approval of Planning Application, on Appeal by West End Green (Properties) Limited in respect of Land at Edgware Road, Church St, Paddington Green and Newcastle Place.

<sup>8</sup> Para. 1.6 BRE Guide 209 Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice.

<sup>9</sup> Para.28 of First Secretary of State Decision in Approval of Planning Application, on Appeal by West End Green (Properties) Limited in respect of Land at Edgware Road, Church St, Paddington Green and Newcastle Place.

## **Appendix A**



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.

Key:

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HILLINGDON, UB10 9NX

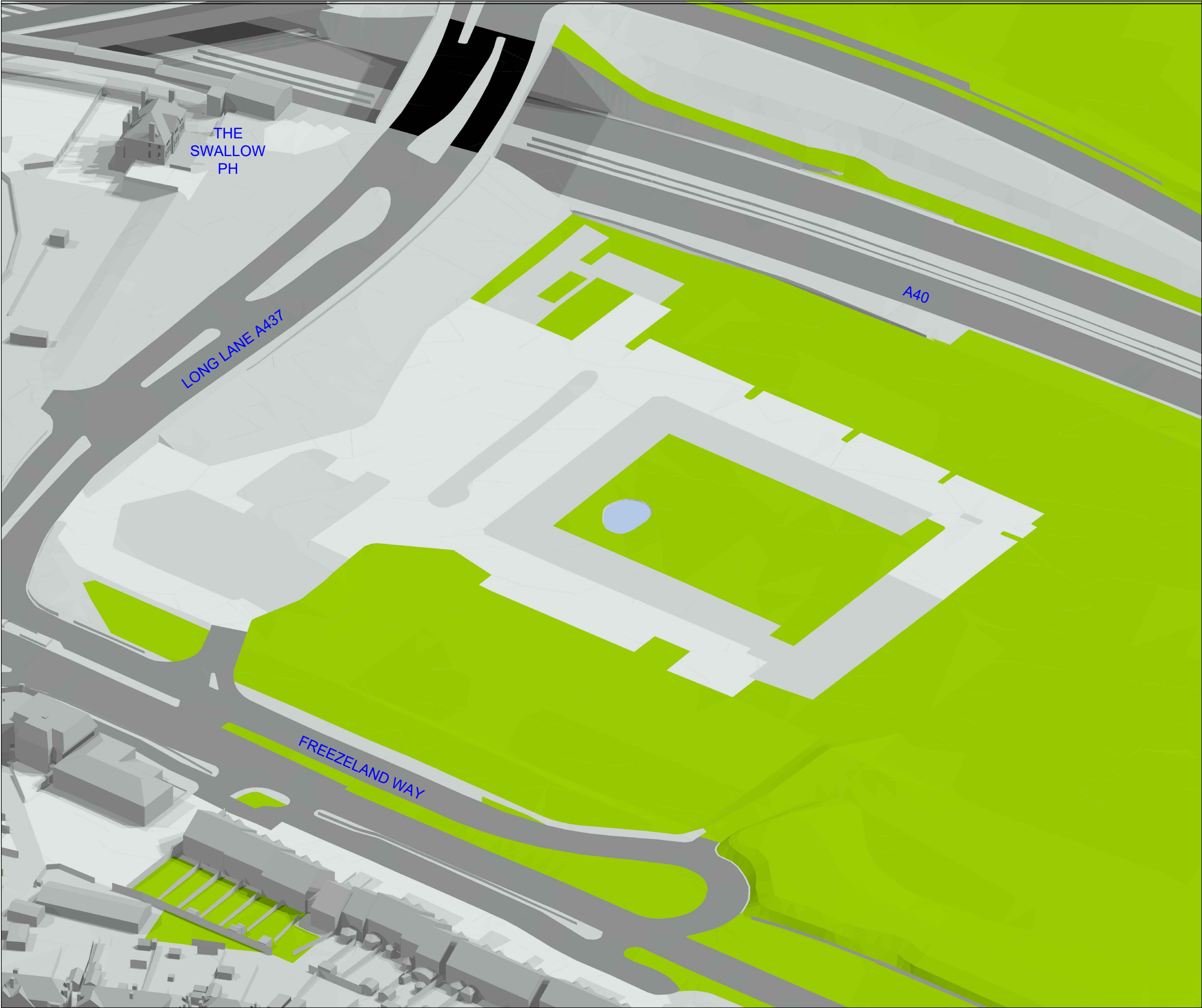
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Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.

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FREEZELAND WAY  
HILLINGDON, UB10 9NX

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EXISTING SITE

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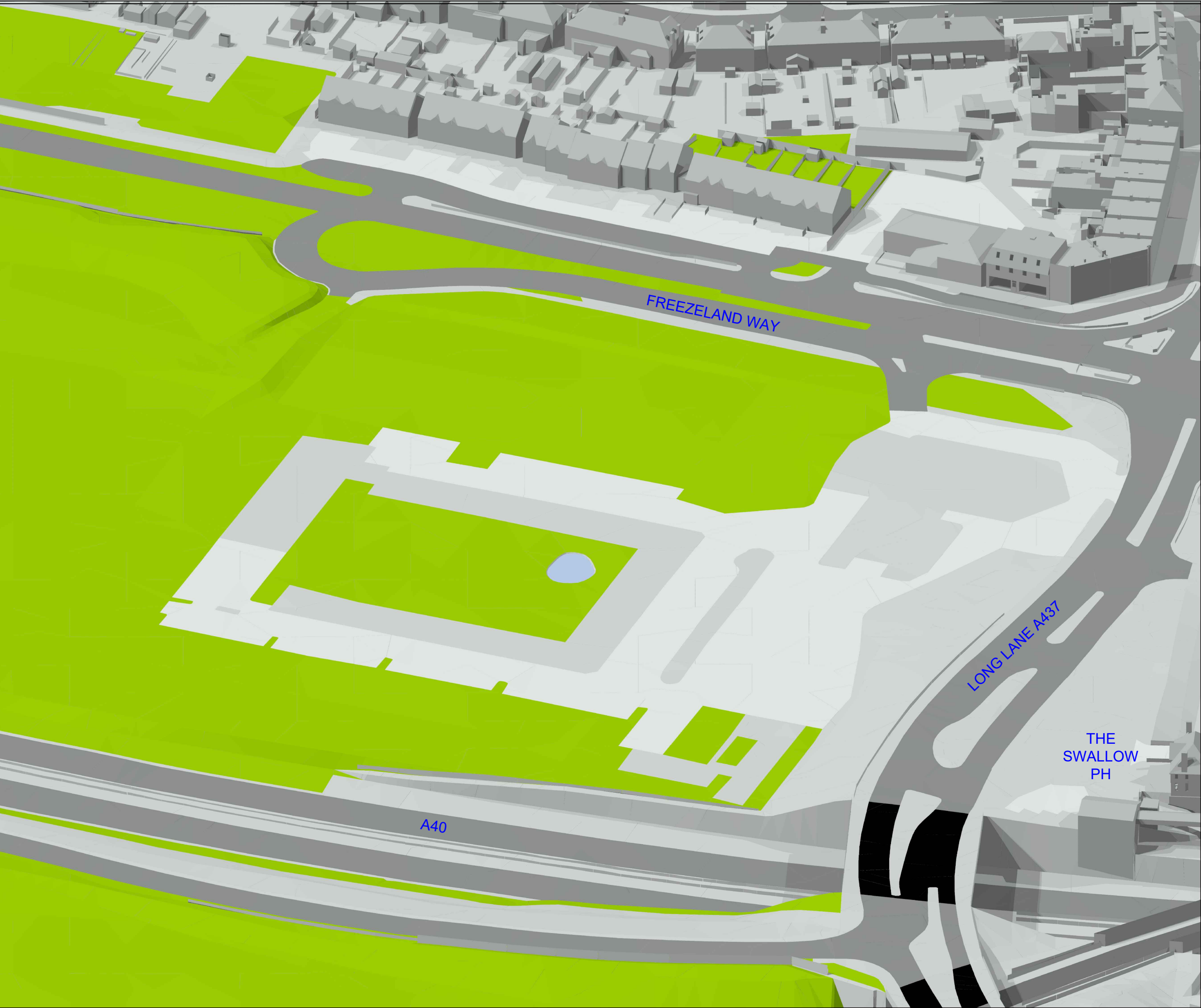
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**robinsons**  
Robinsons Surveyors Limited





Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.

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HILLINGDON, UB10 9NX

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Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
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ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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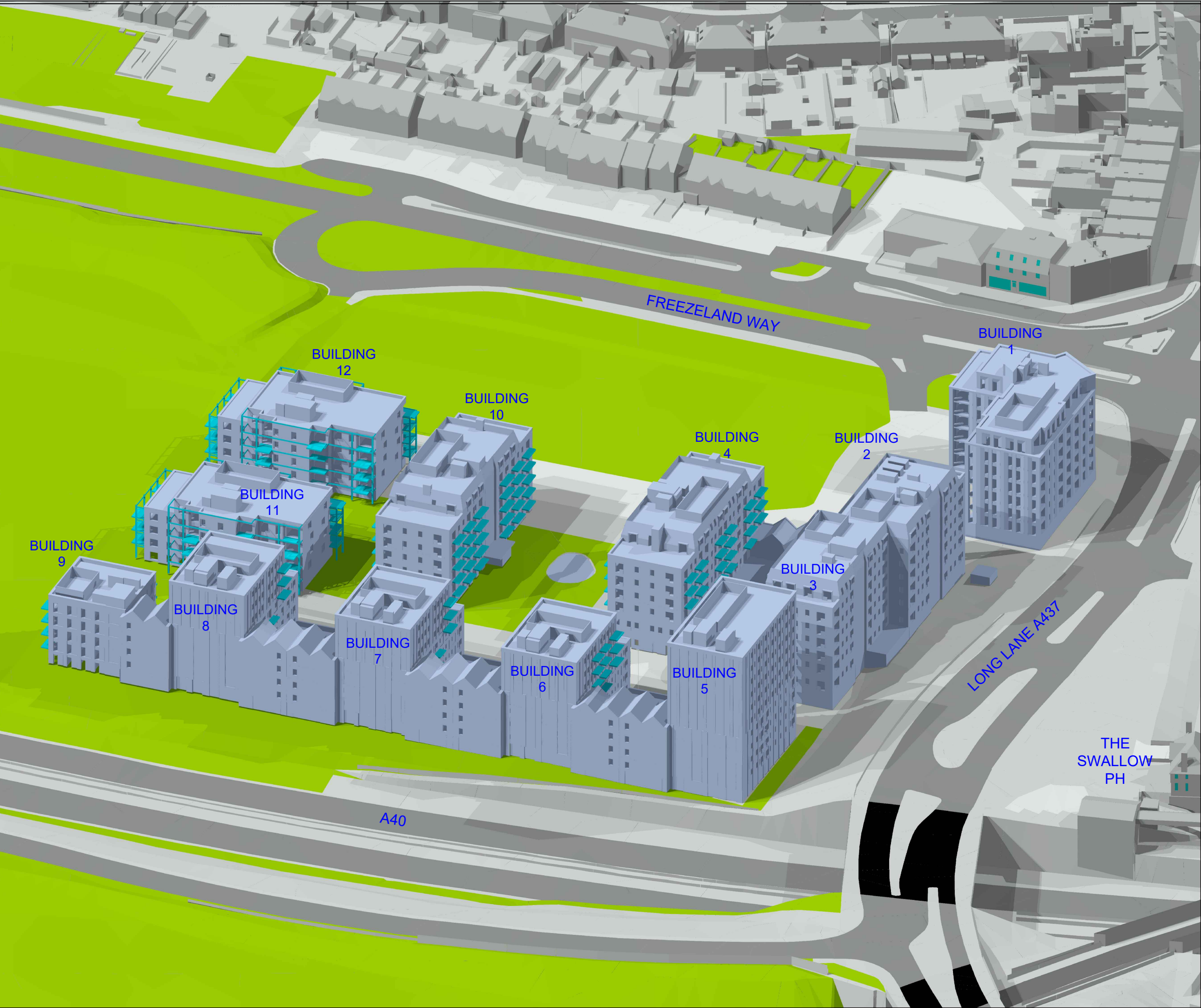
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ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

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PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

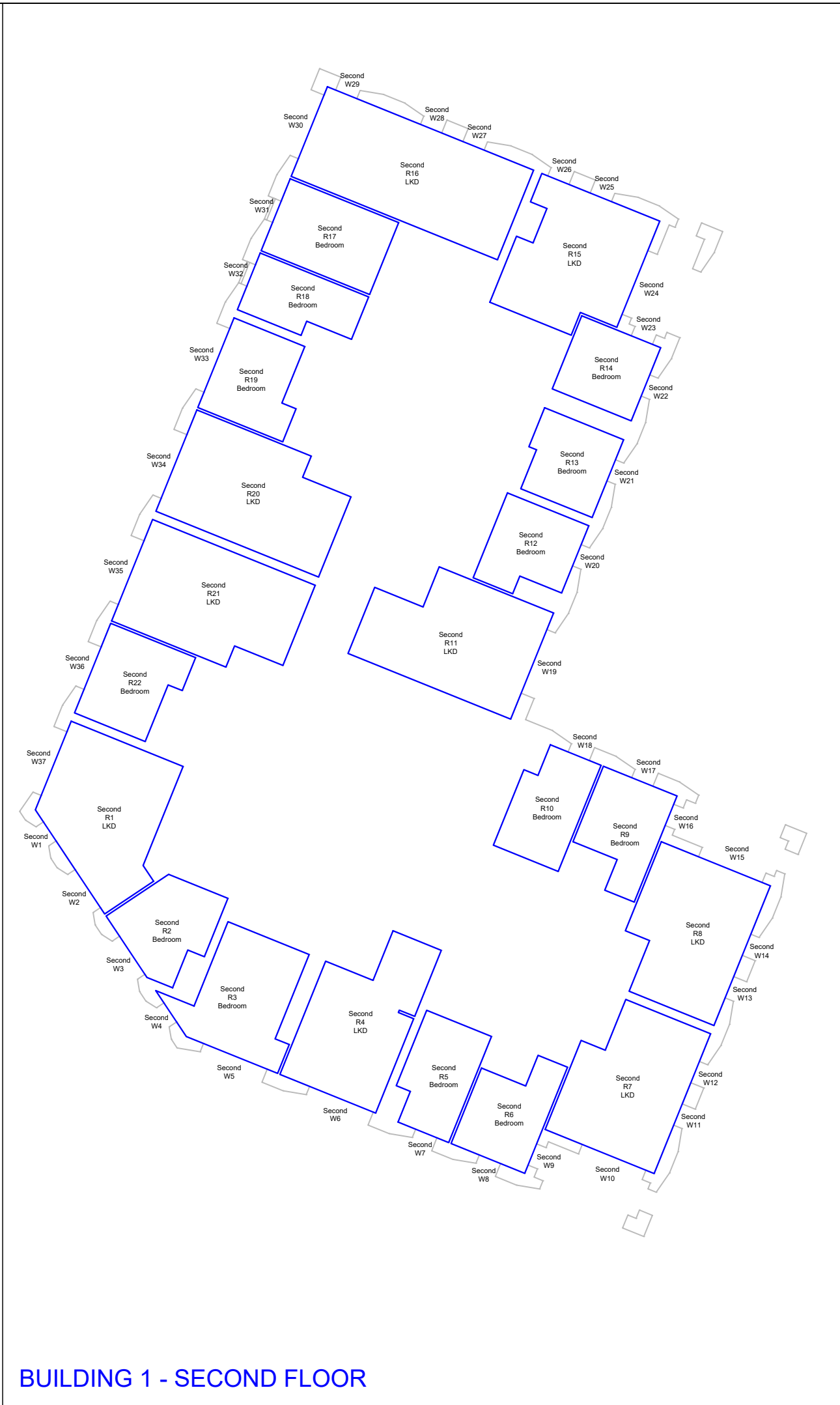
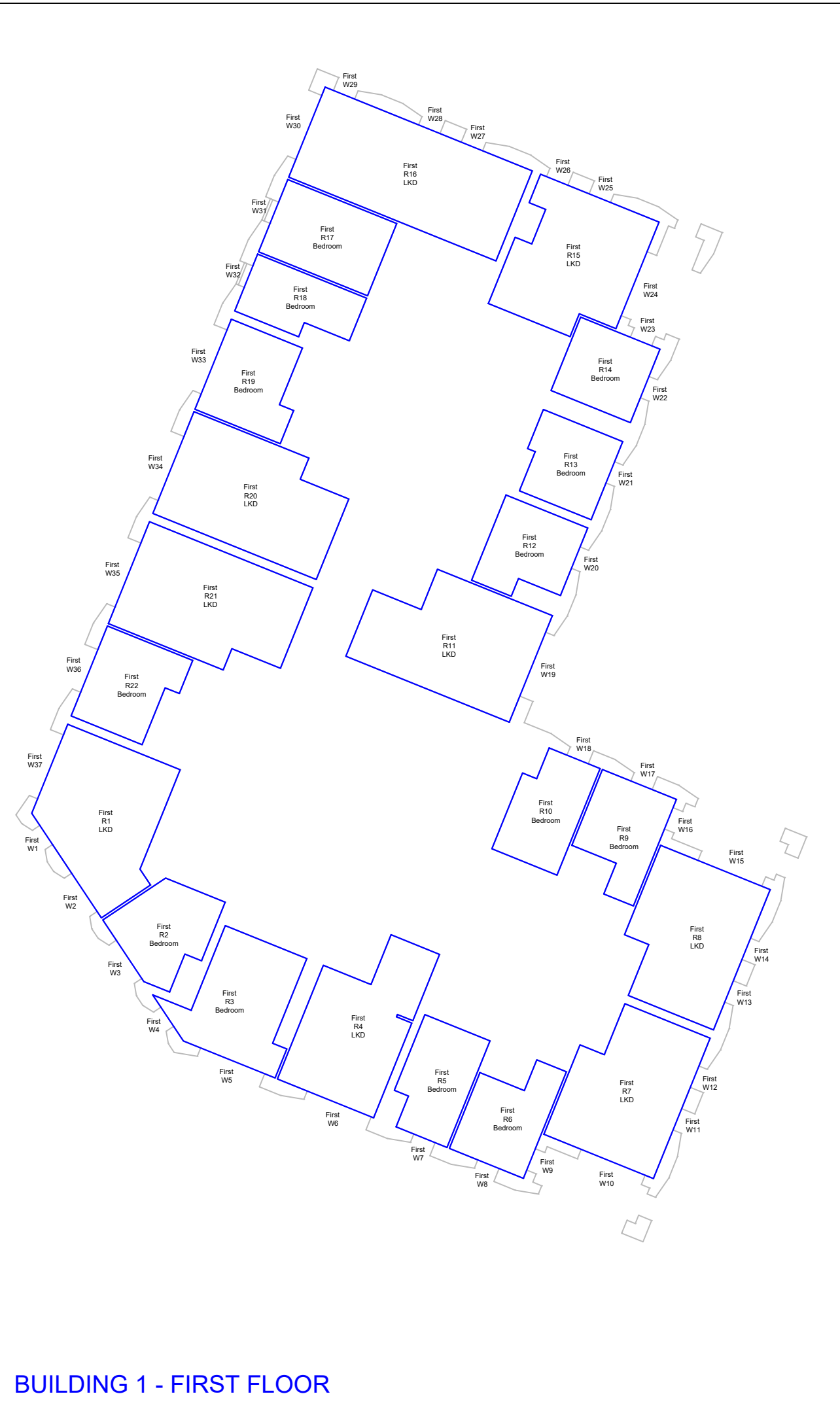
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ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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Source Data:

COLLADOCOLLINS ARCHITECTS  
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ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

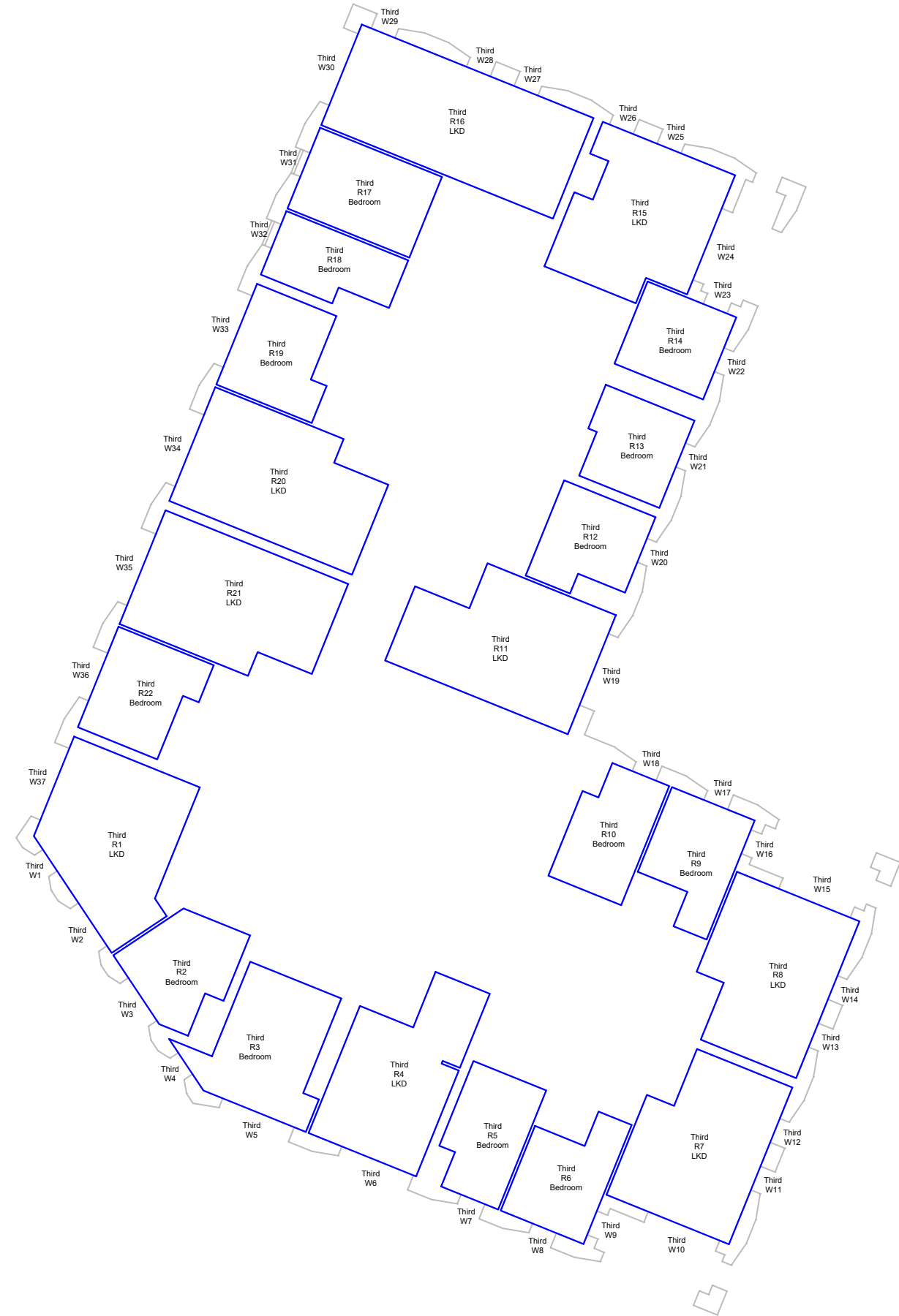
SITE PHOTOGRAPHY 23.06.2017.

Key:

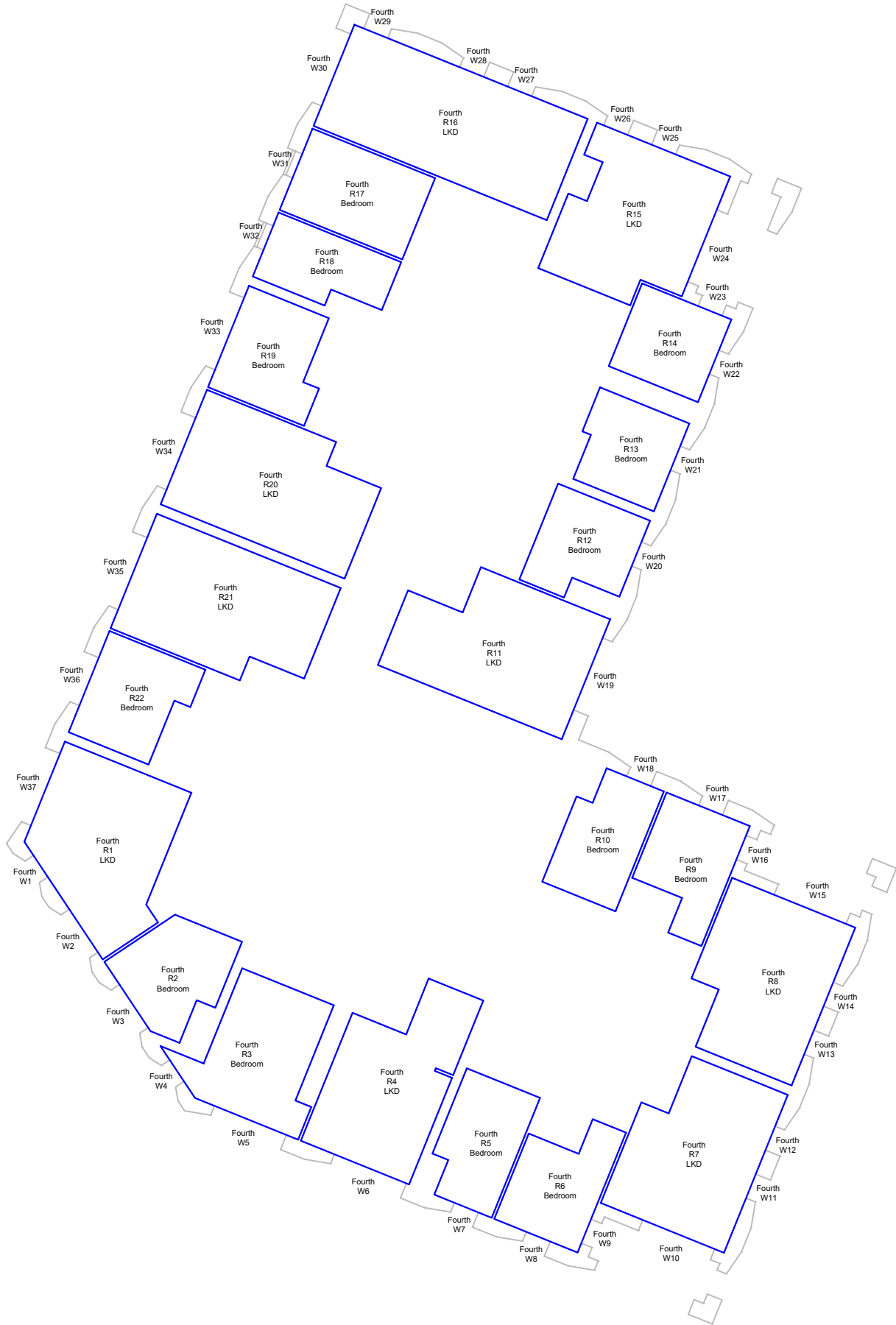
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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING ONE                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>09                                                        | Model Release:<br>06 |       |

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BUILDING 1 - THIRD FLOOR



BUILDING 1 - FOURTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

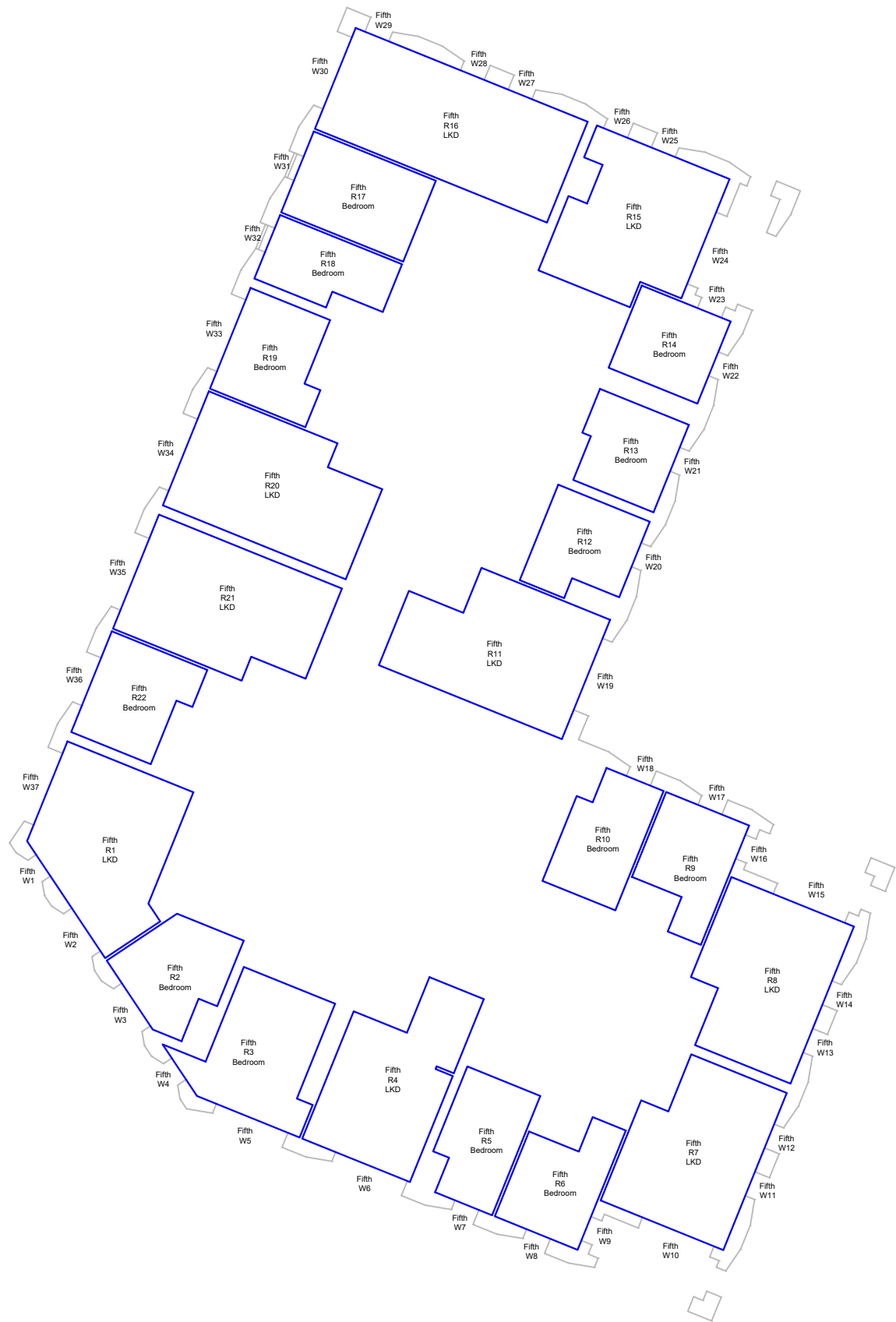
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

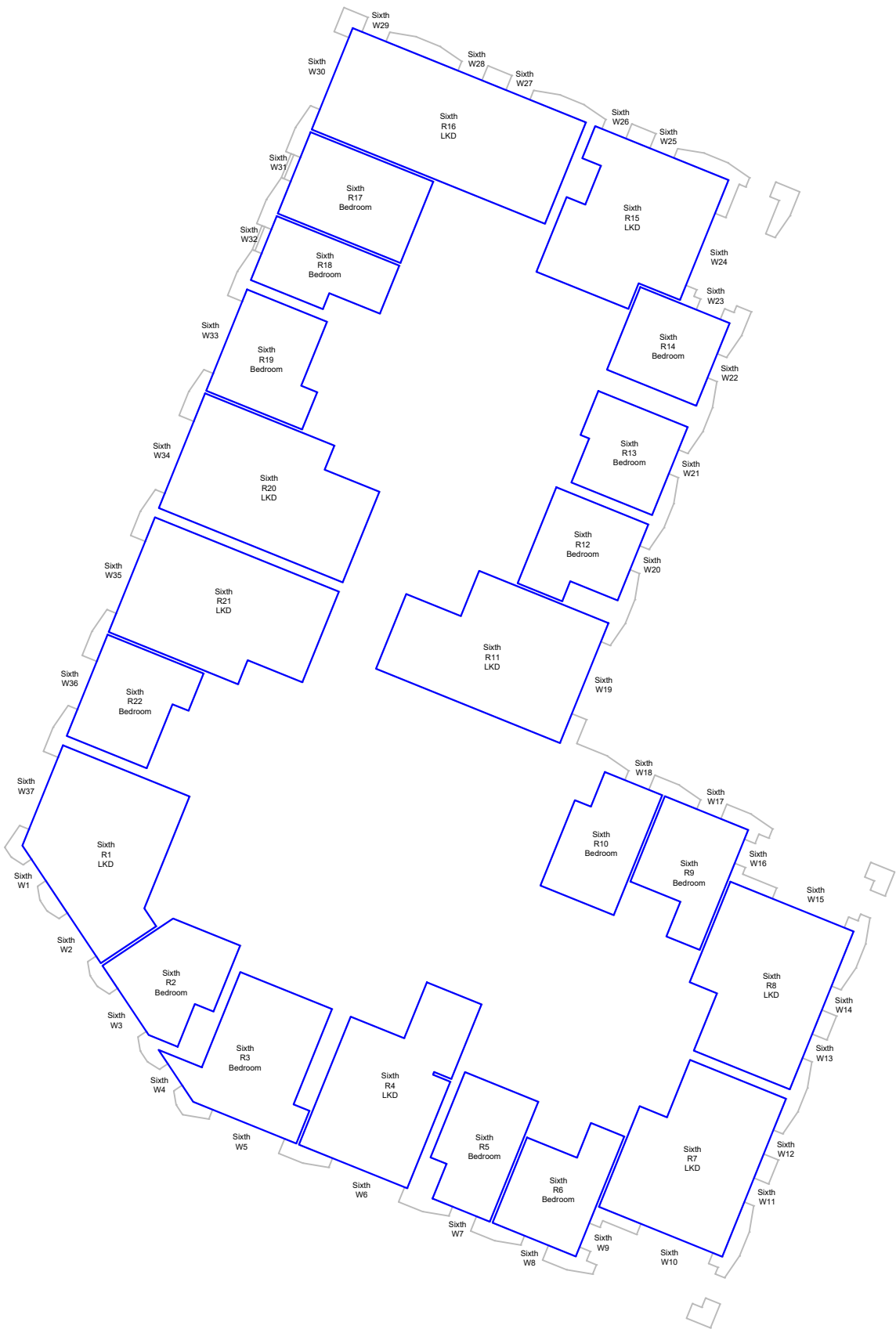
SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING ONE                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>10                                                        | Model Release:<br>06 |       |



BUILDING 1 - FIFTH FLOOR



BUILDING 1 - SIXTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING ONE                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>11                                                        | Model Release:<br>06 |       |

BUILDING 1 - SEVENTH FLOOR



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

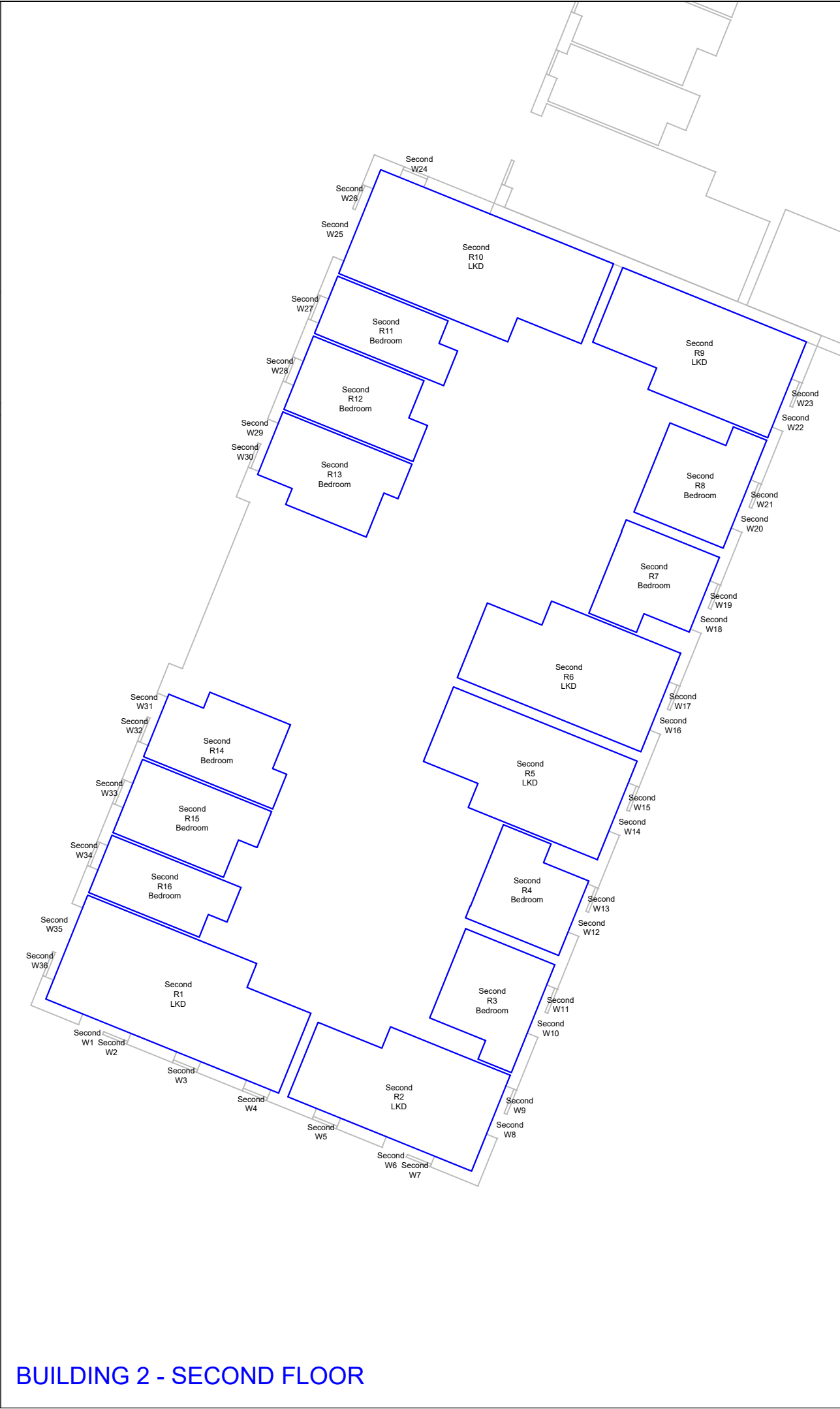
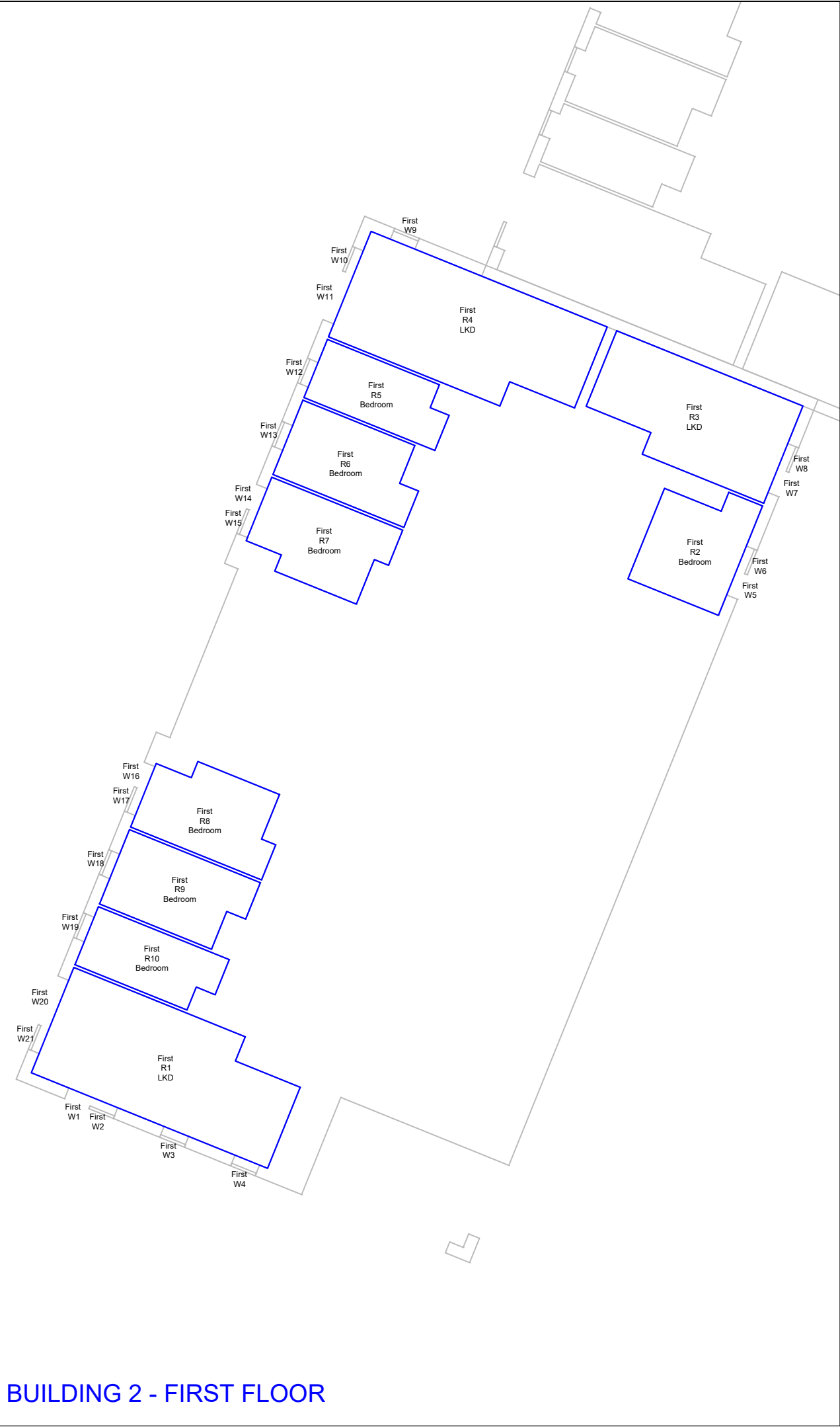
ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING ONE                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>12                                                        | Model Release:<br>06 |       |





Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

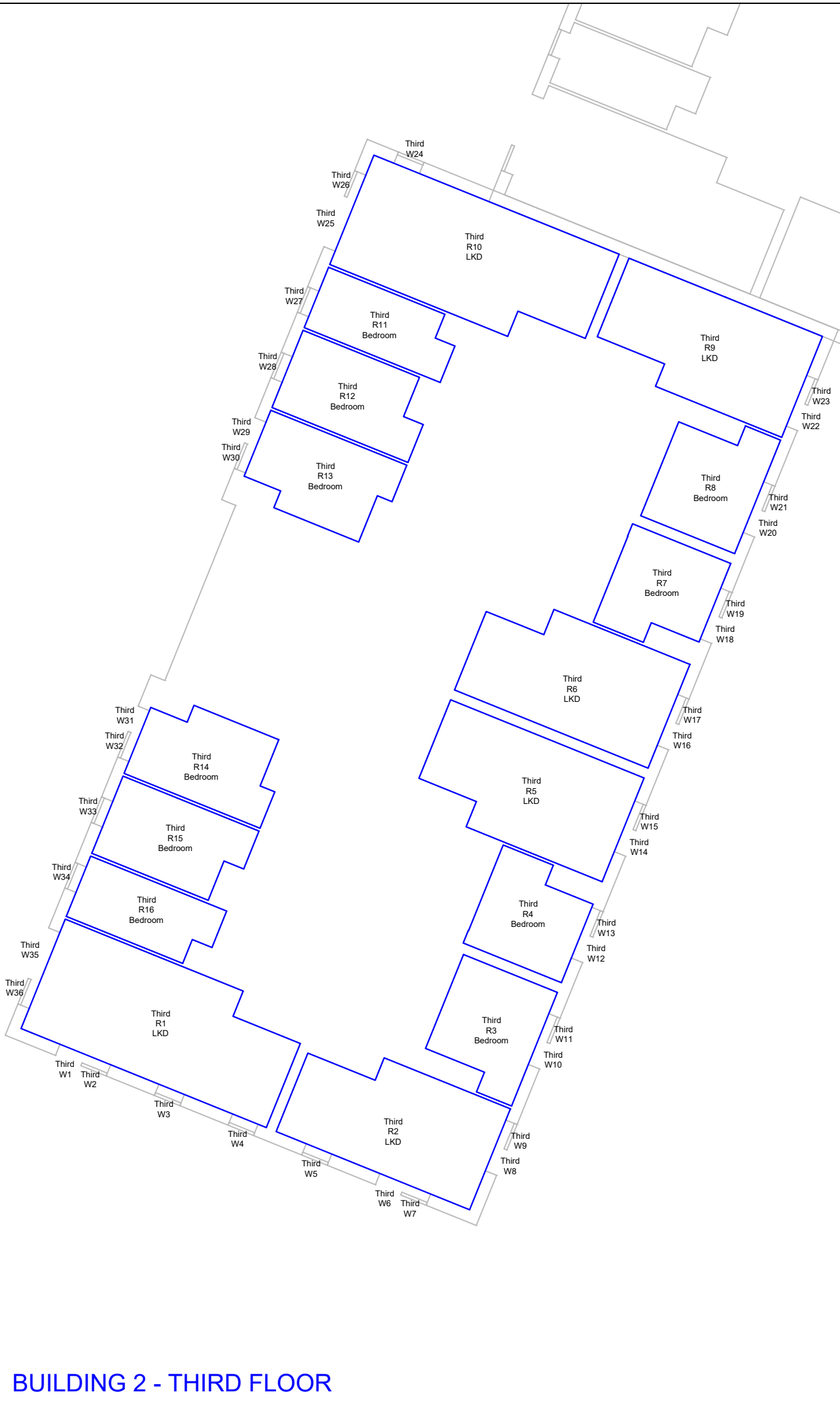
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

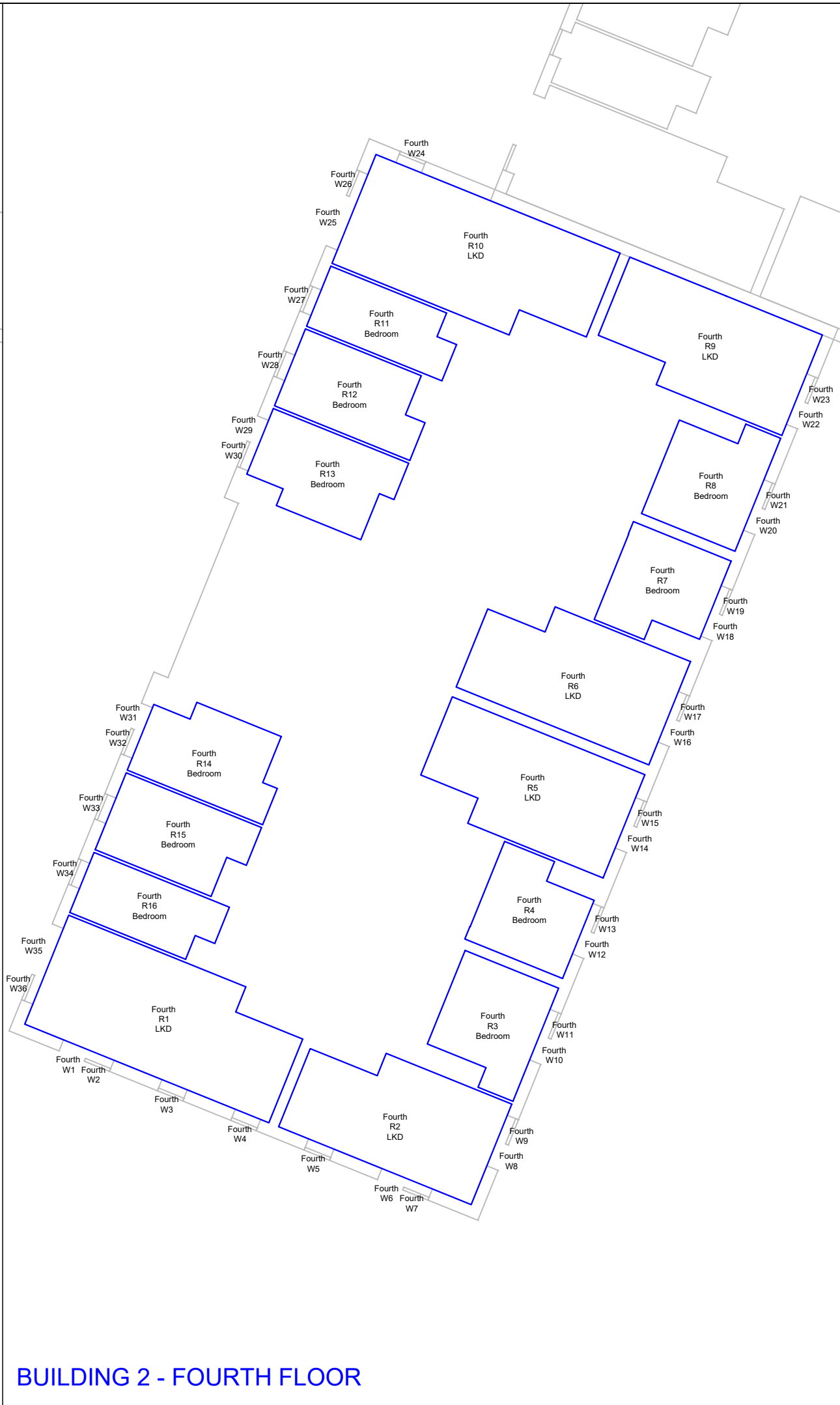
SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TWO                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>13                                                        | Model Release:<br>06 |       |



BUILDING 2 - THIRD FLOOR



BUILDING 2 - FOURTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

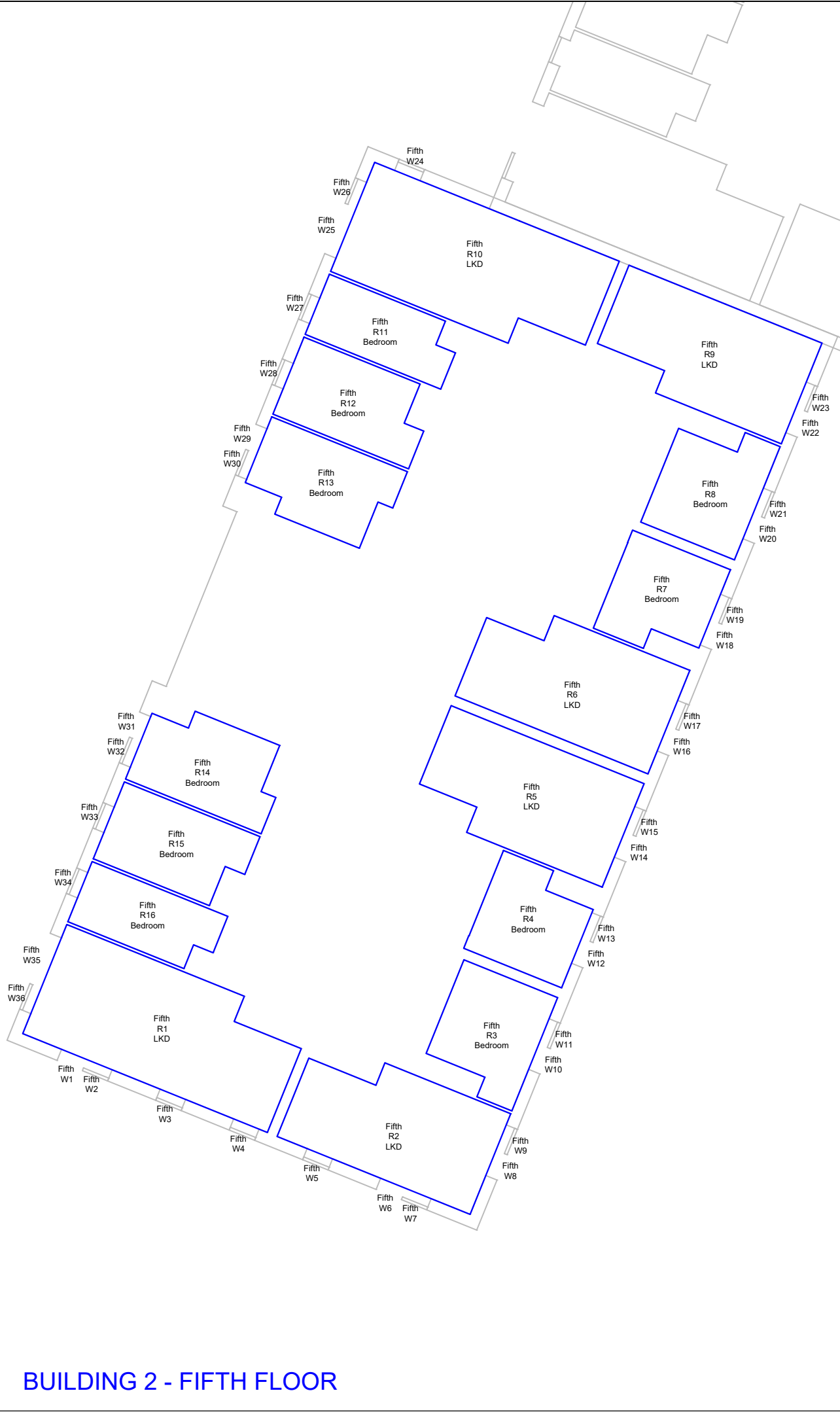
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

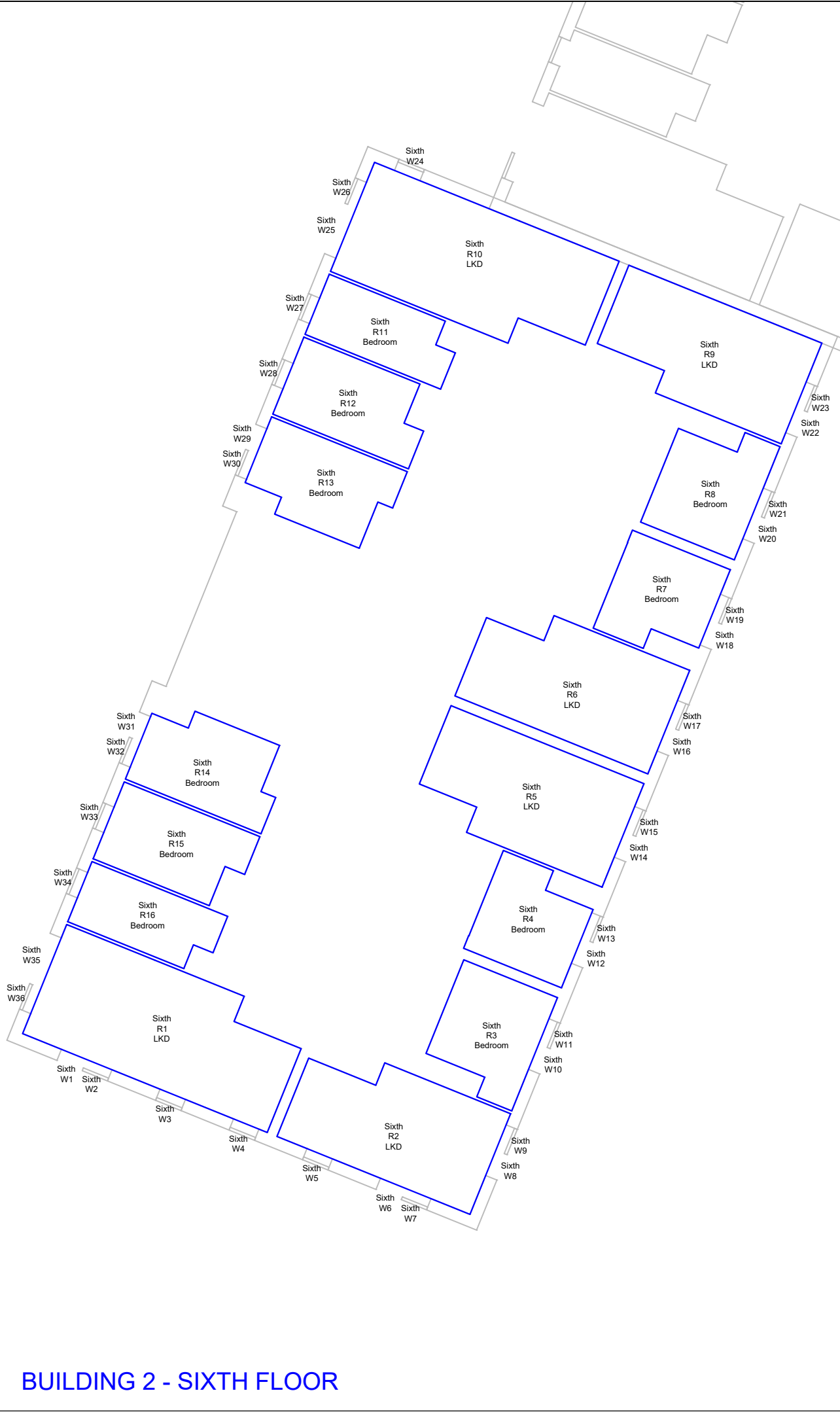
SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TWO                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>14                                                        | Model Release:<br>06 |       |



BUILDING 2 - FIFTH FLOOR

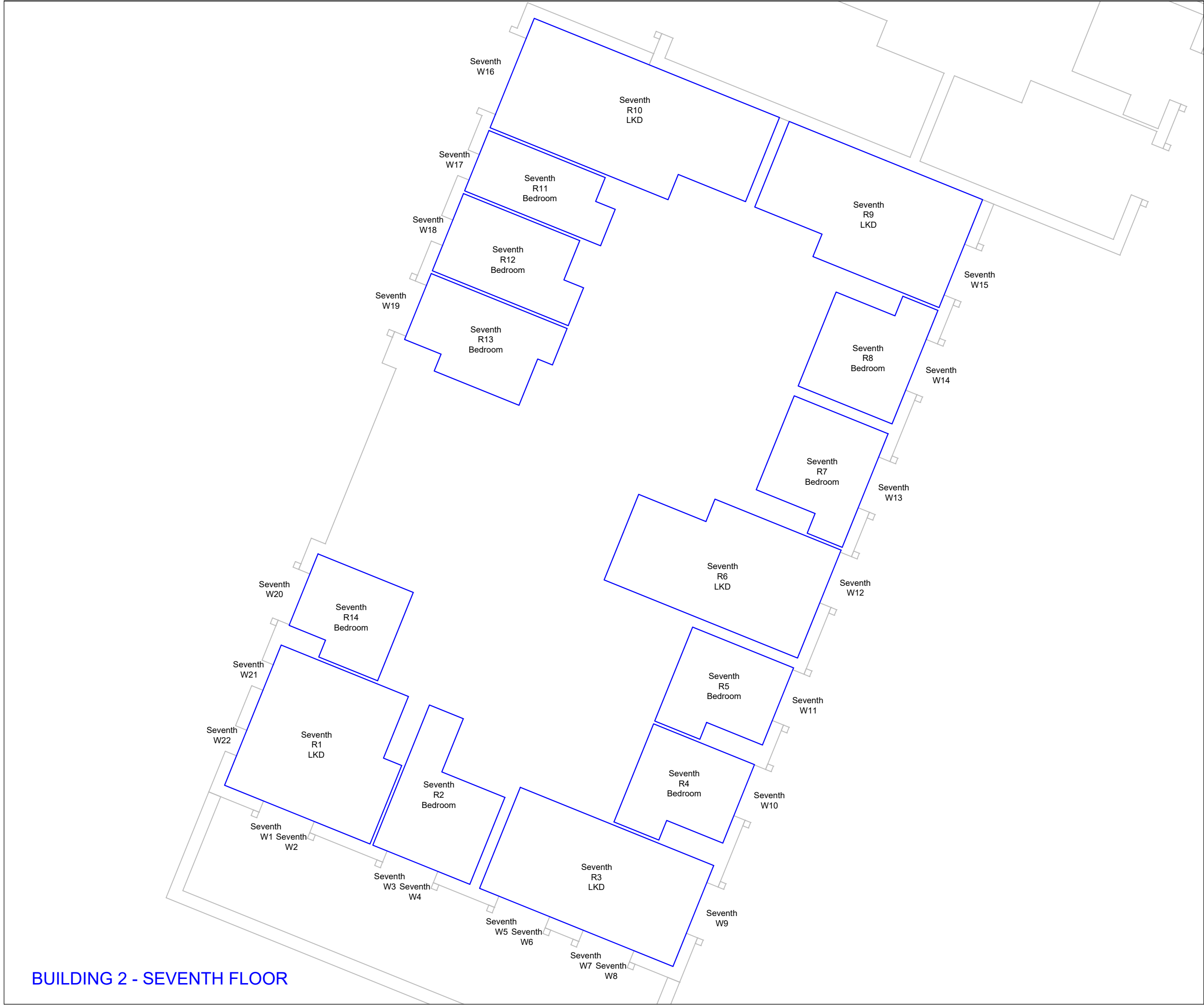


BUILDING 2 - SIXTH FLOOR

Source Data:  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TWO                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>15                                                        | Model Release:<br>06 |       |



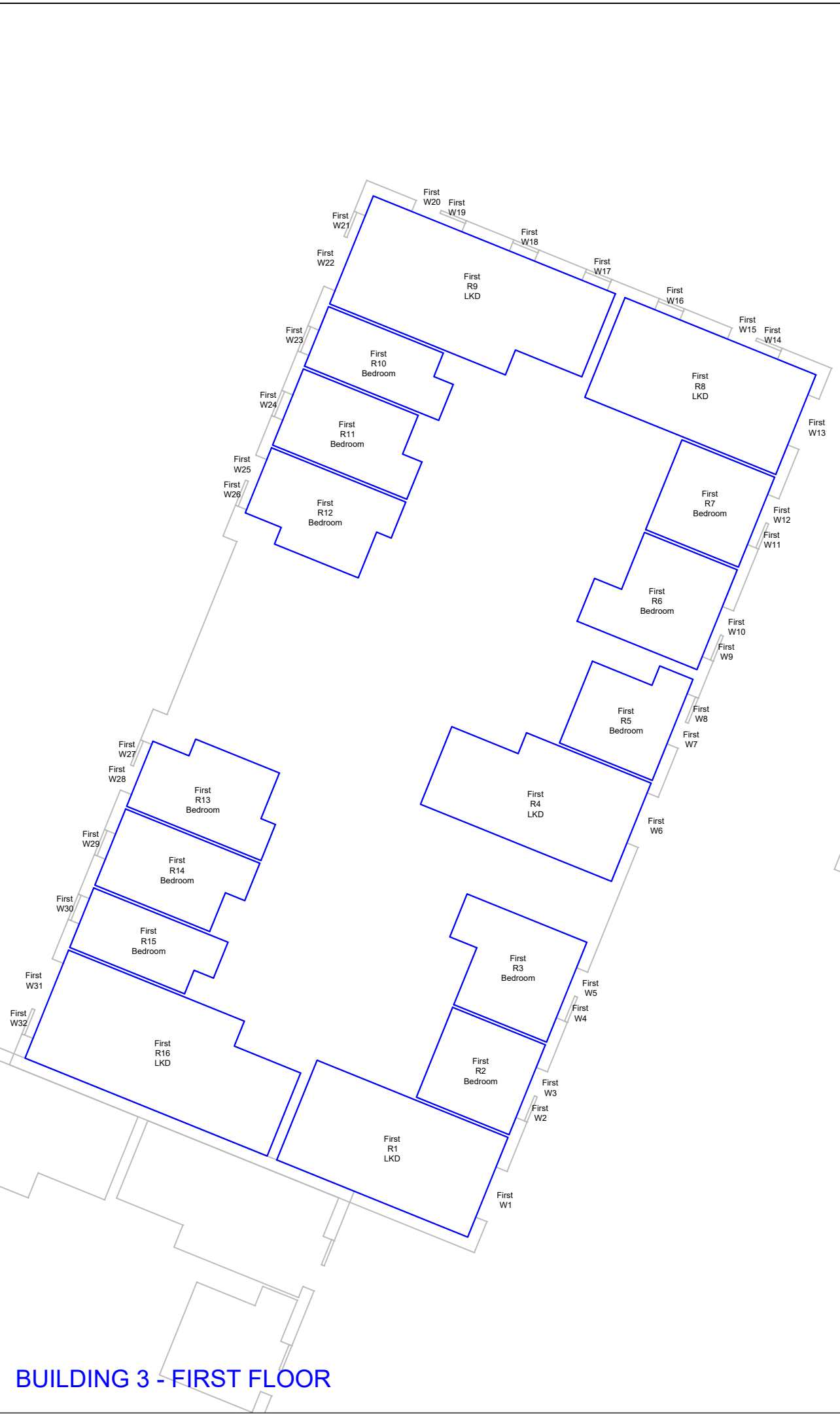
BUILDING 2 - SEVENTH FLOOR

Source Data:  
  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

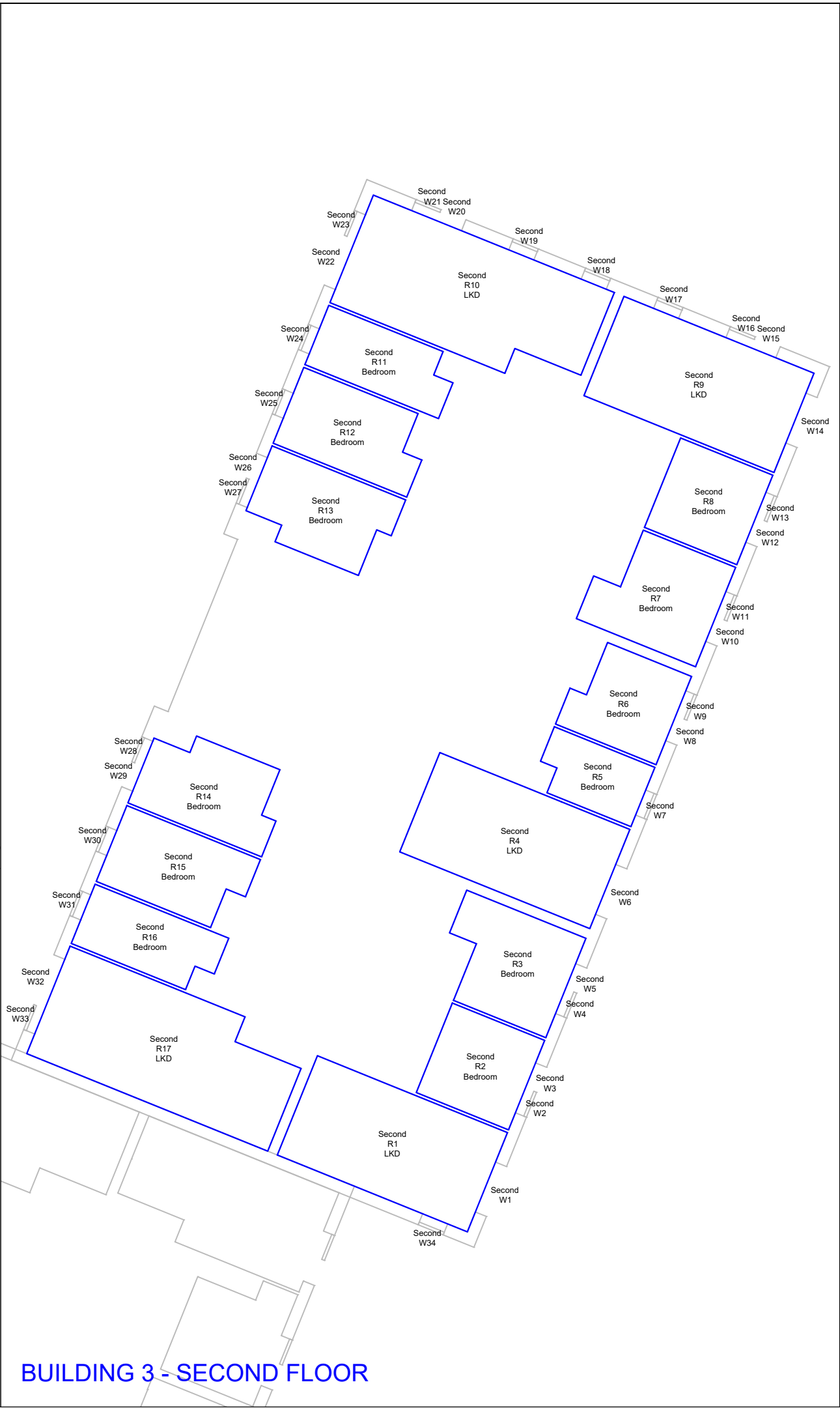
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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TWO                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>16                                                        | Model Release:<br>06 |       |

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Robinsons Surveyors Limited



BUILDING 3 - FIRST FLOOR



BUILDING 3 - SECOND FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

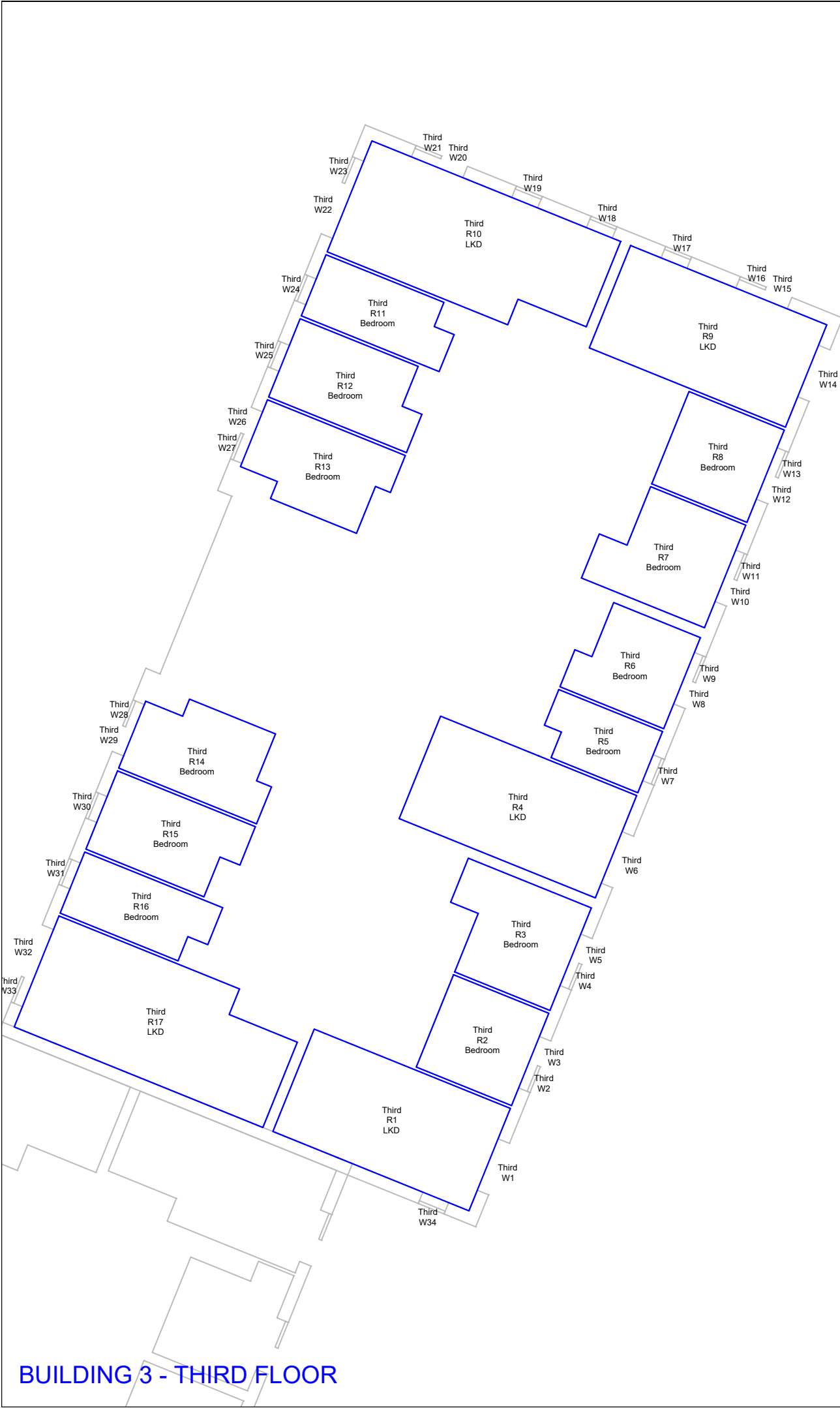
ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.

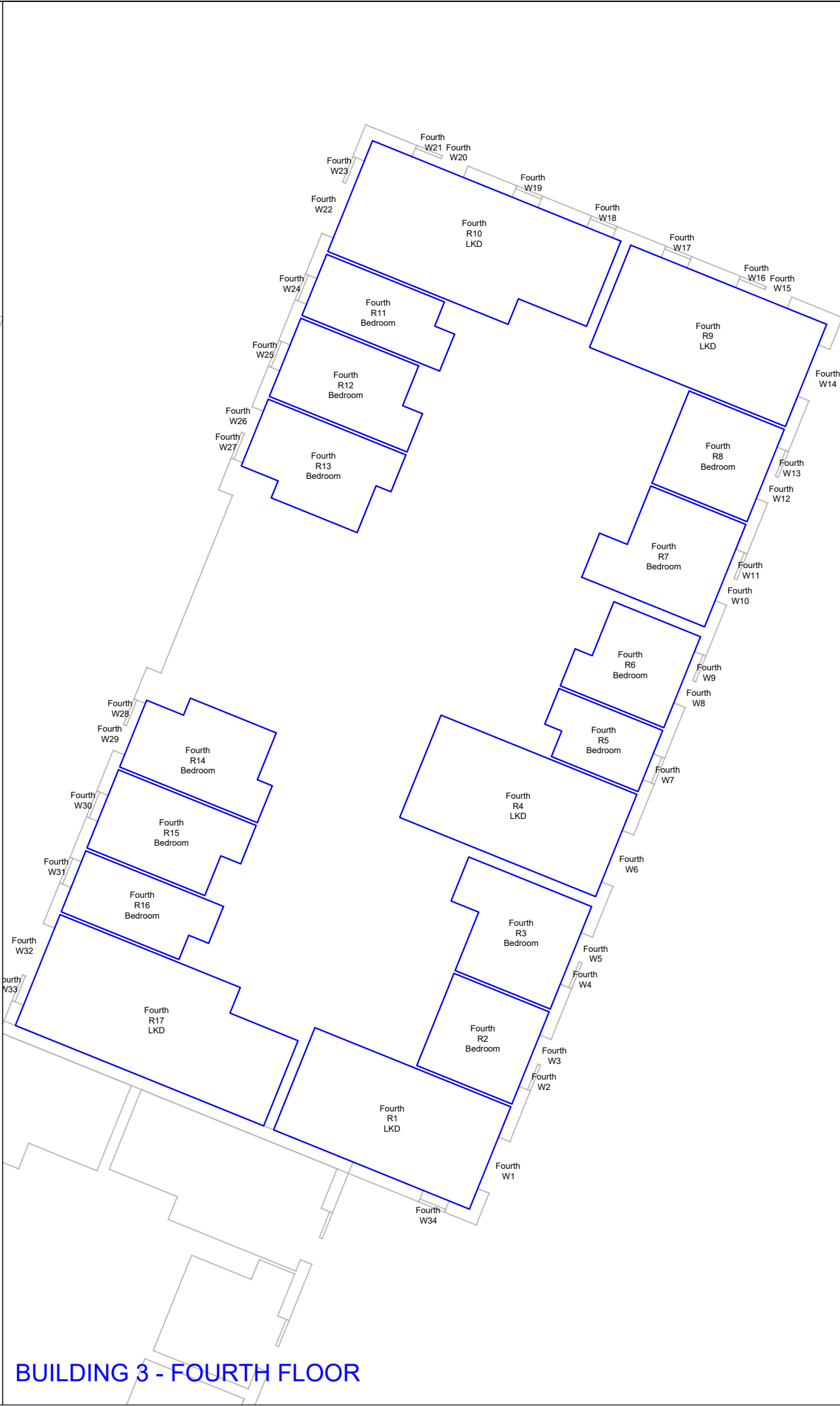


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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING THREE                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>17                                                        | Model Release:<br>06 |       |





BUILDING 3 - THIRD FLOOR



BUILDING 3 - FOURTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

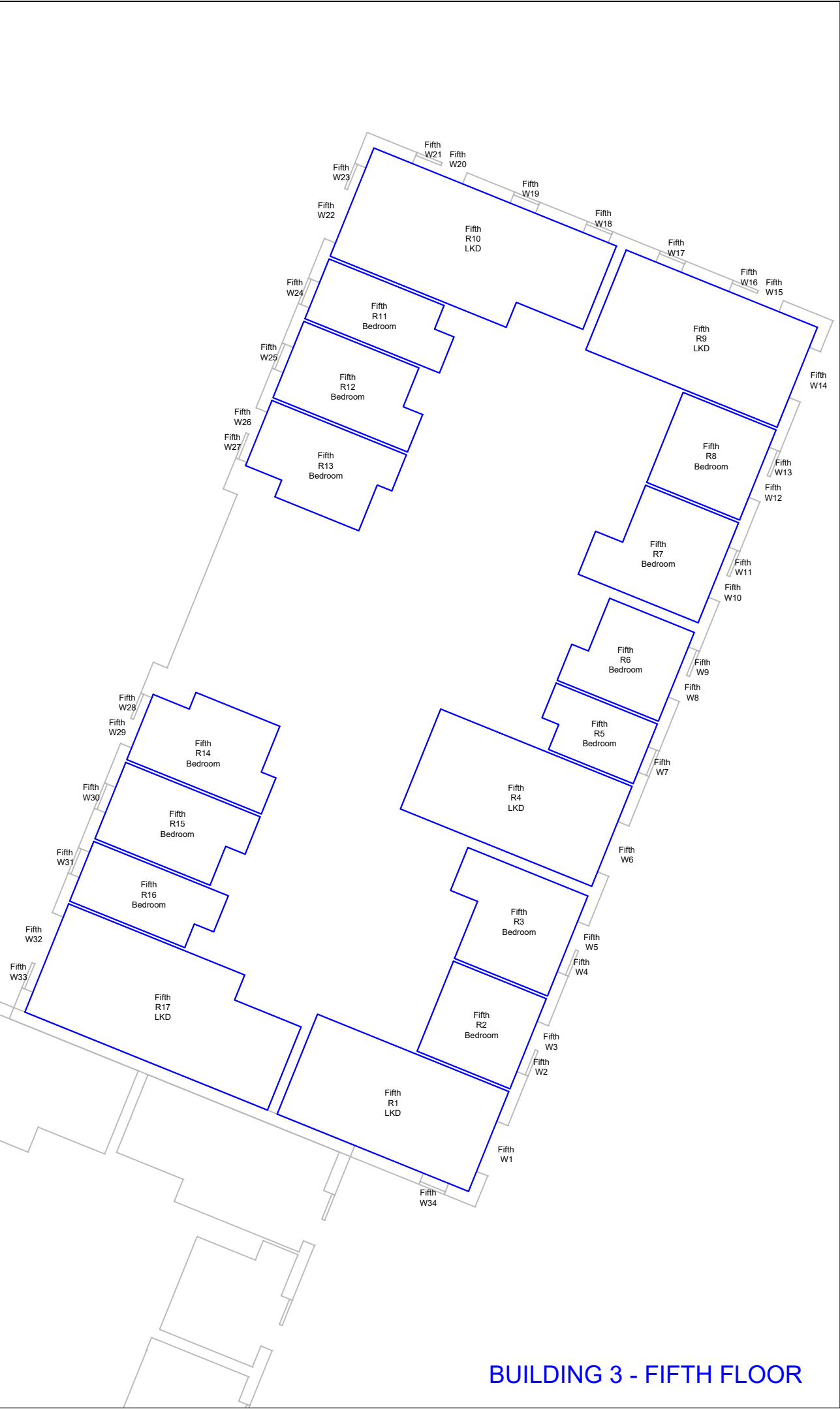
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

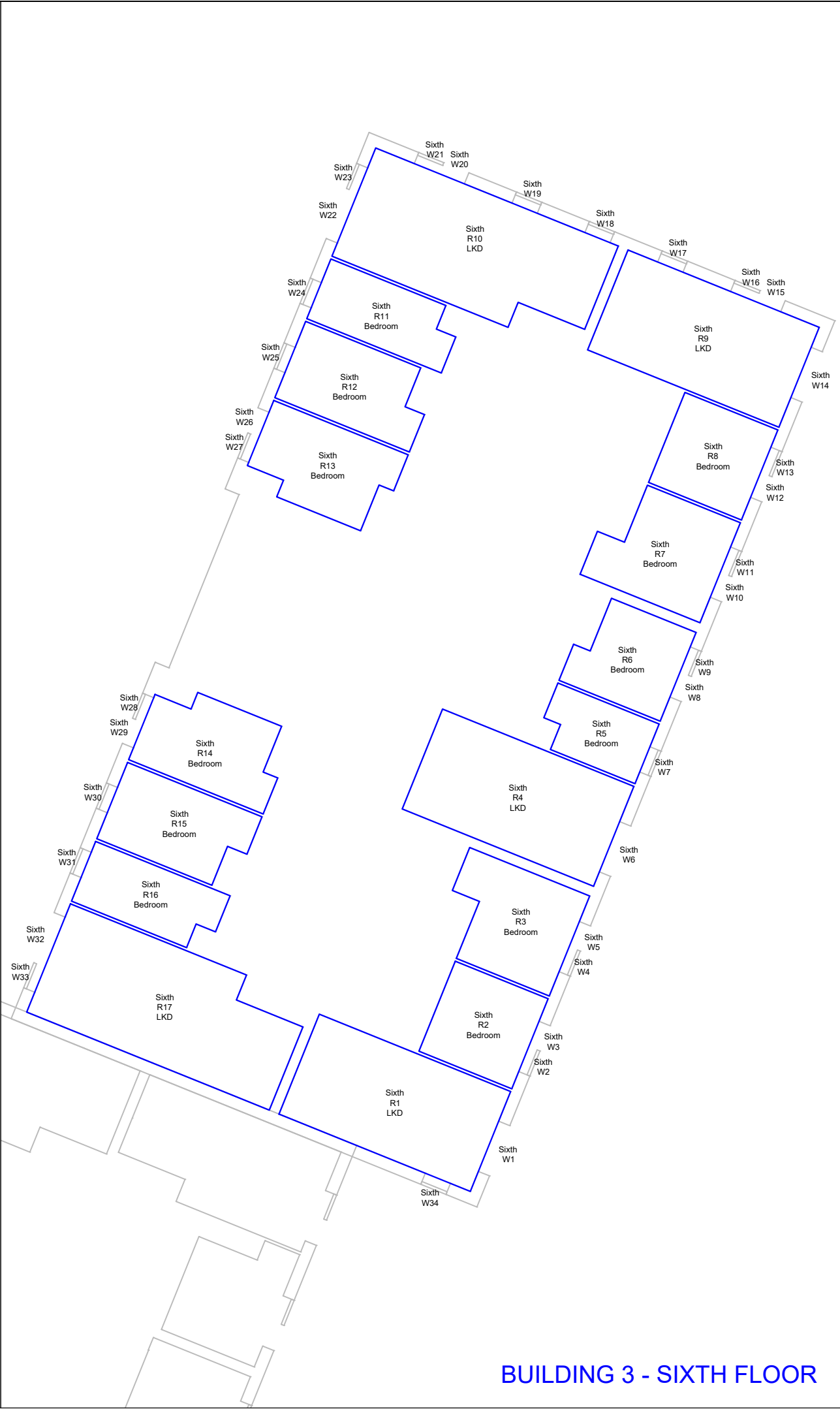
SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING THREE                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>18                                                        | Model Release:<br>06 |       |



BUILDING 3 - FIFTH FLOOR



BUILDING 3 - SIXTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

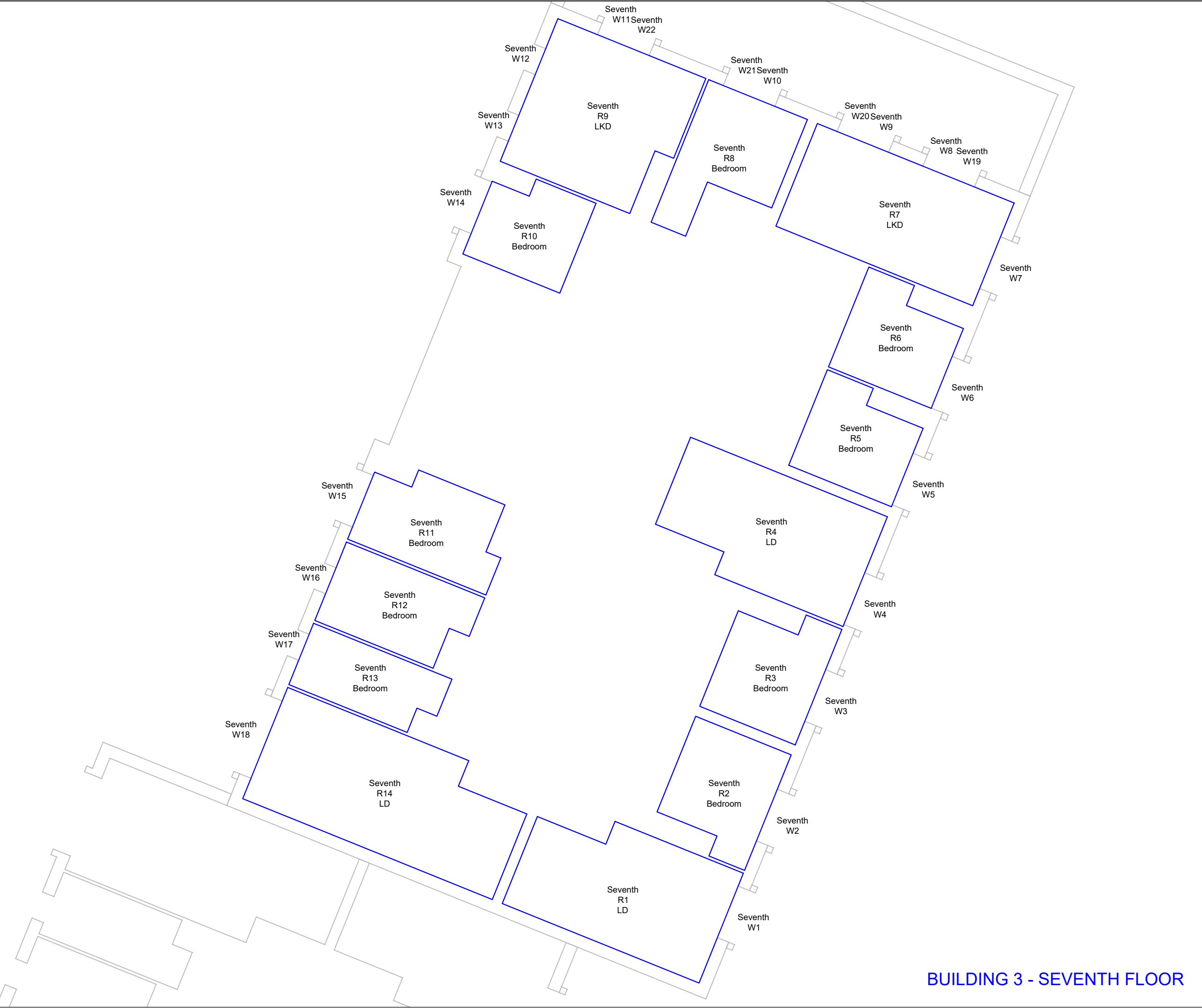
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING THREE                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>19                                                        | Model Release:<br>06 |       |



BUILDING 3 - SEVENTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

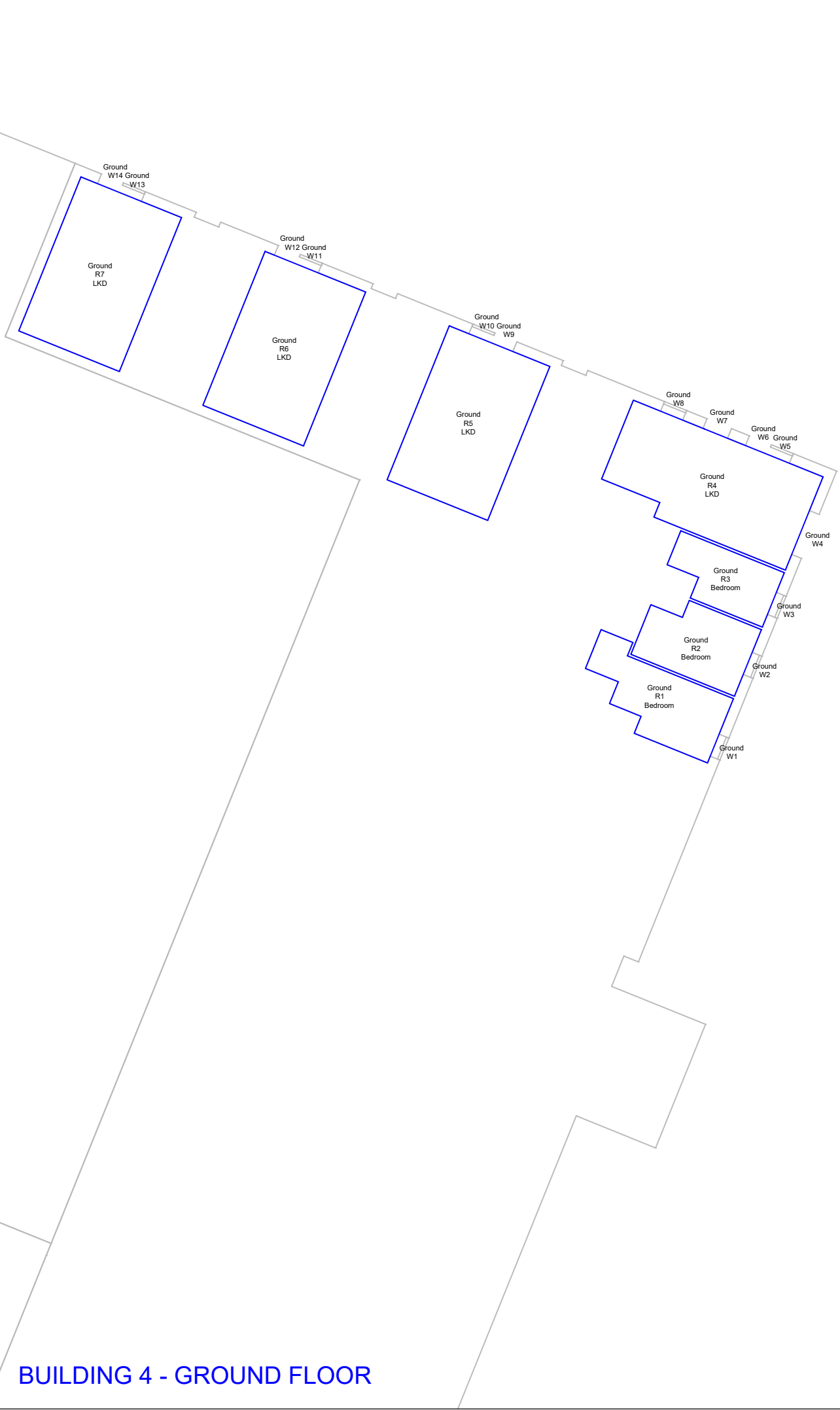
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

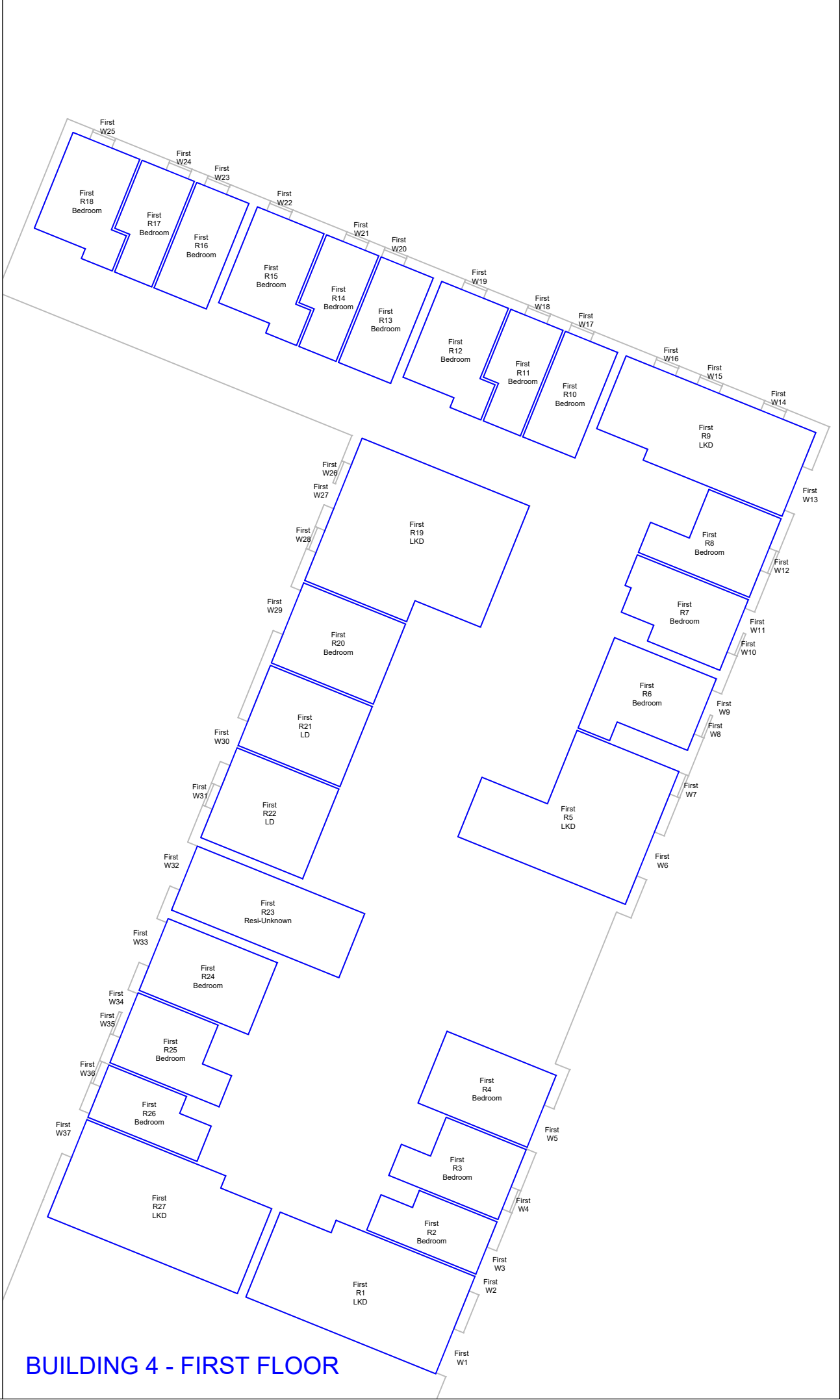
SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING THREE                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>20                                                        | Model Release:<br>06 |       |



BUILDING 4 - GROUND FLOOR



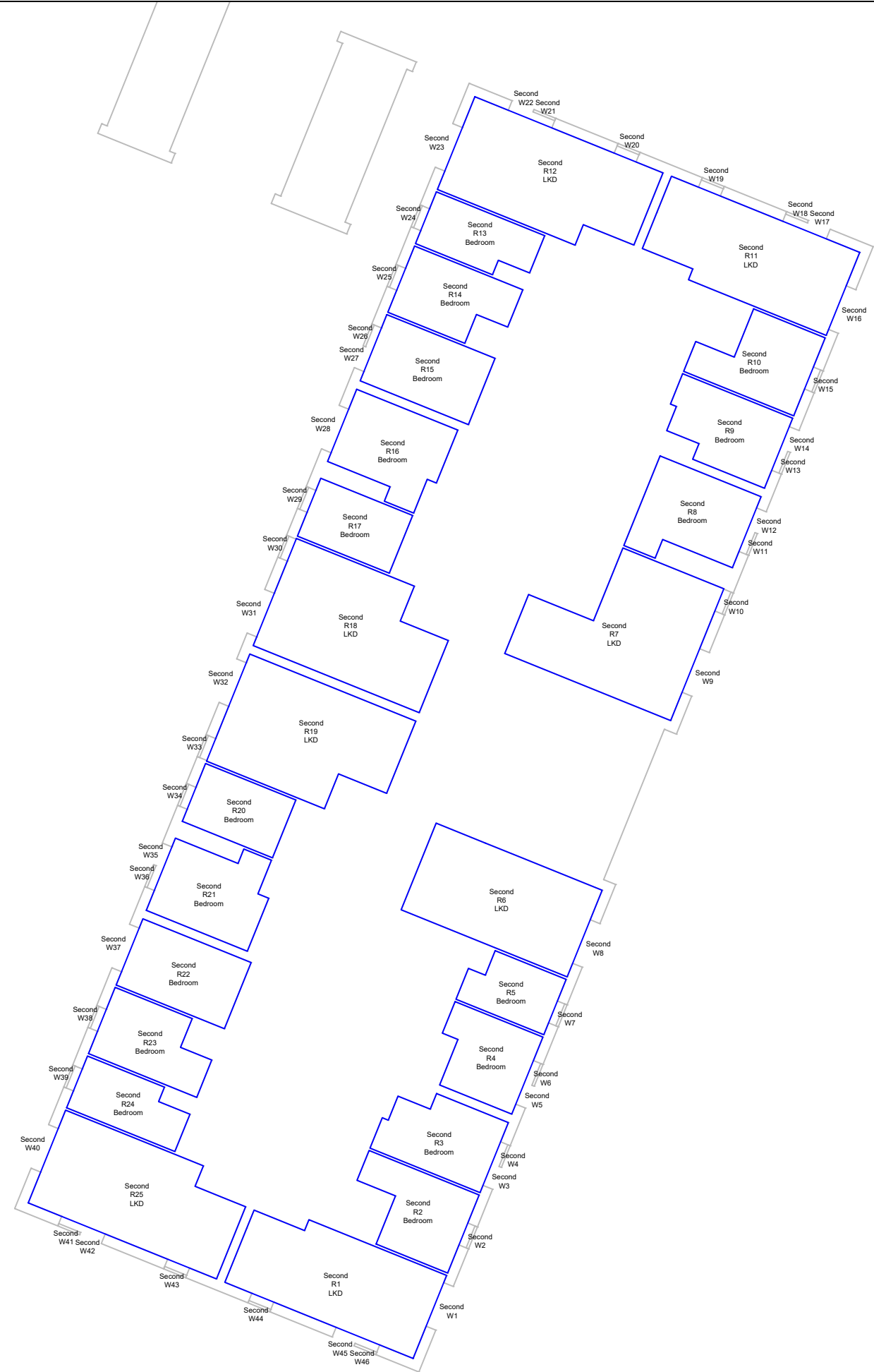
BUILDING 4 - FIRST FLOOR

Source Data:  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

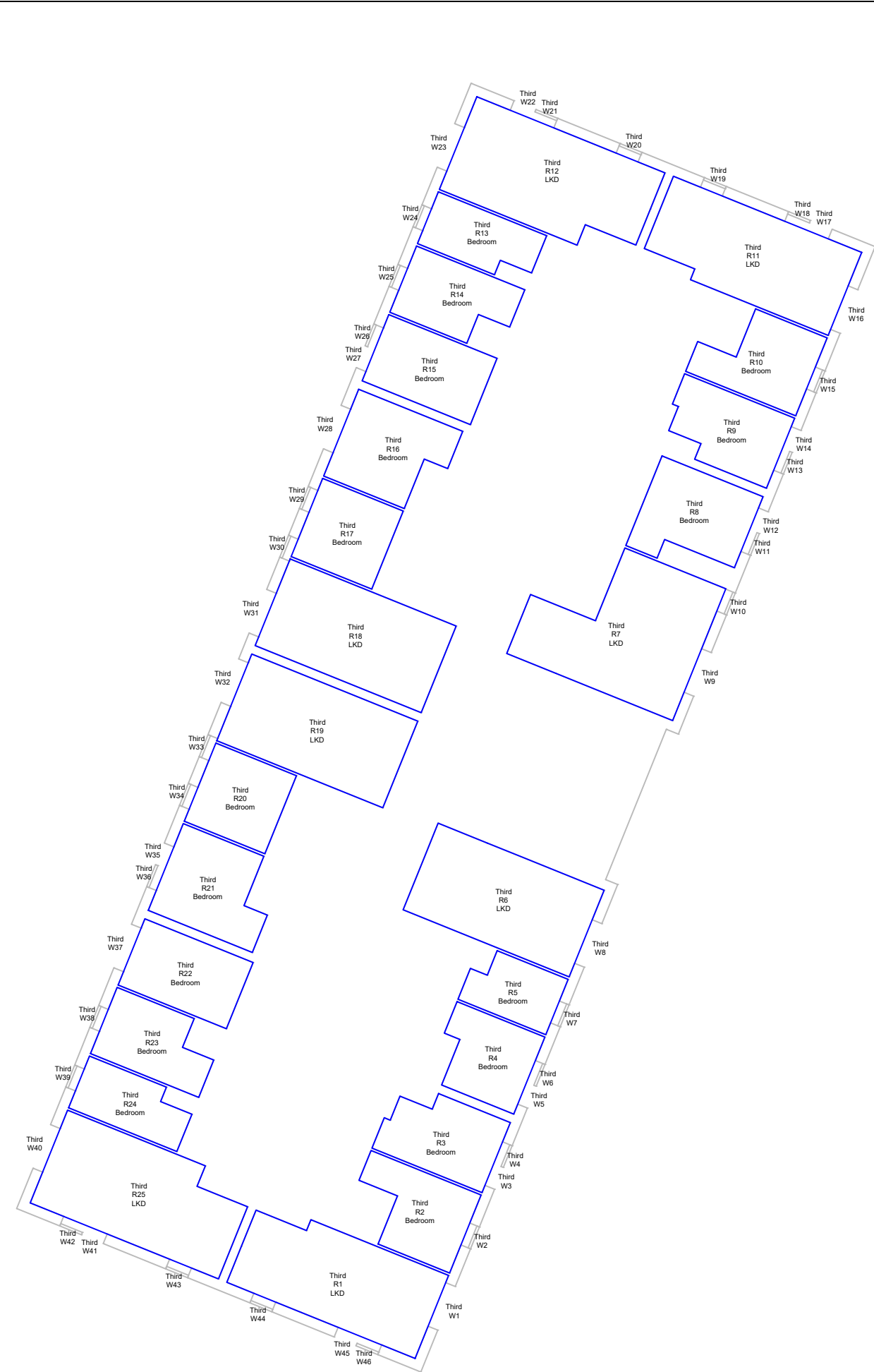


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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FOUR                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>21                                                        | Model Release:<br>06 |       |

BUILDING 4 - SECOND FLOOR



BUILDING 4 - THIRD FLOOR



Source Data:  
  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

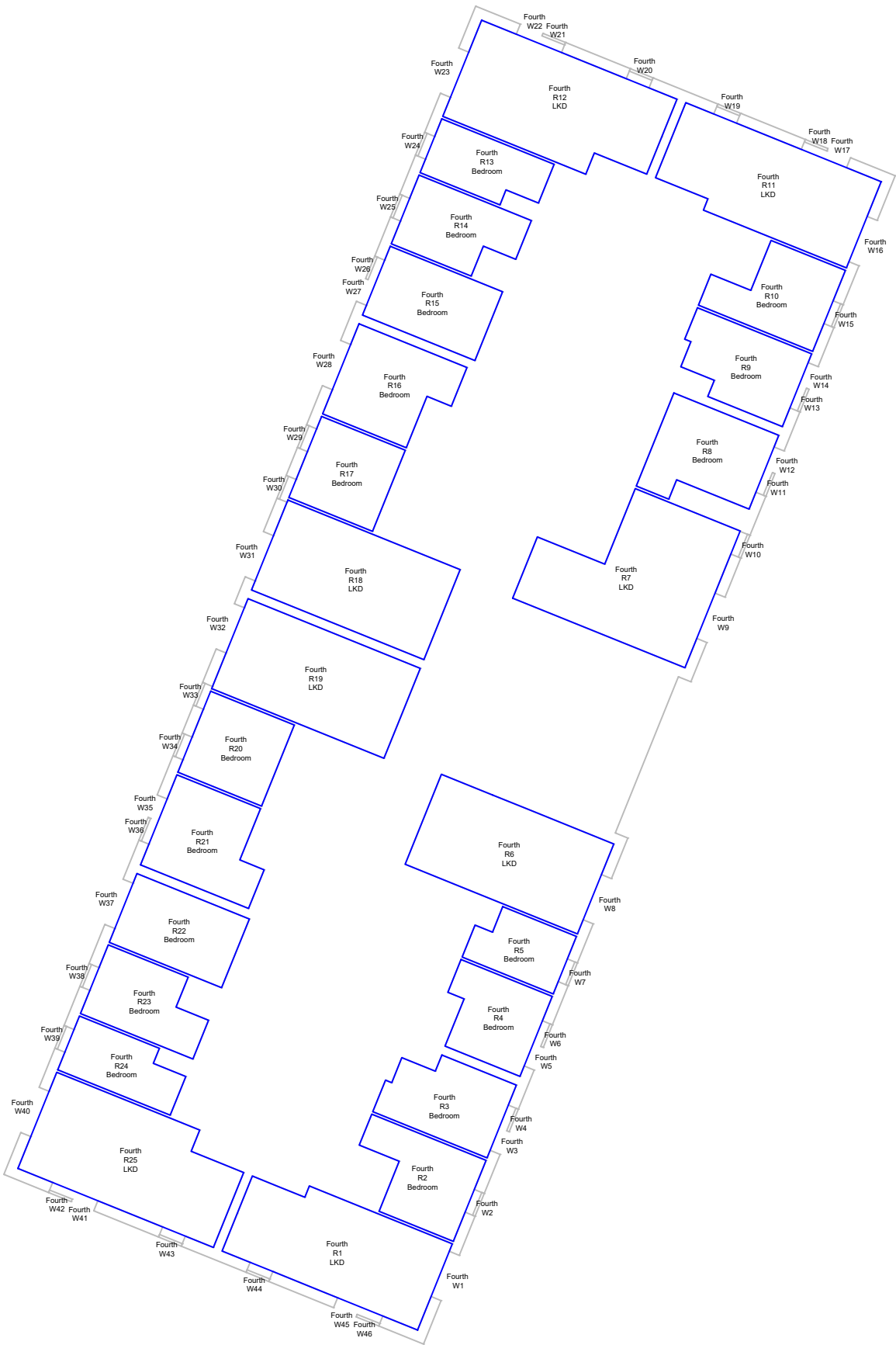
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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FOUR                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>22                                                        | Model Release:<br>06 |       |

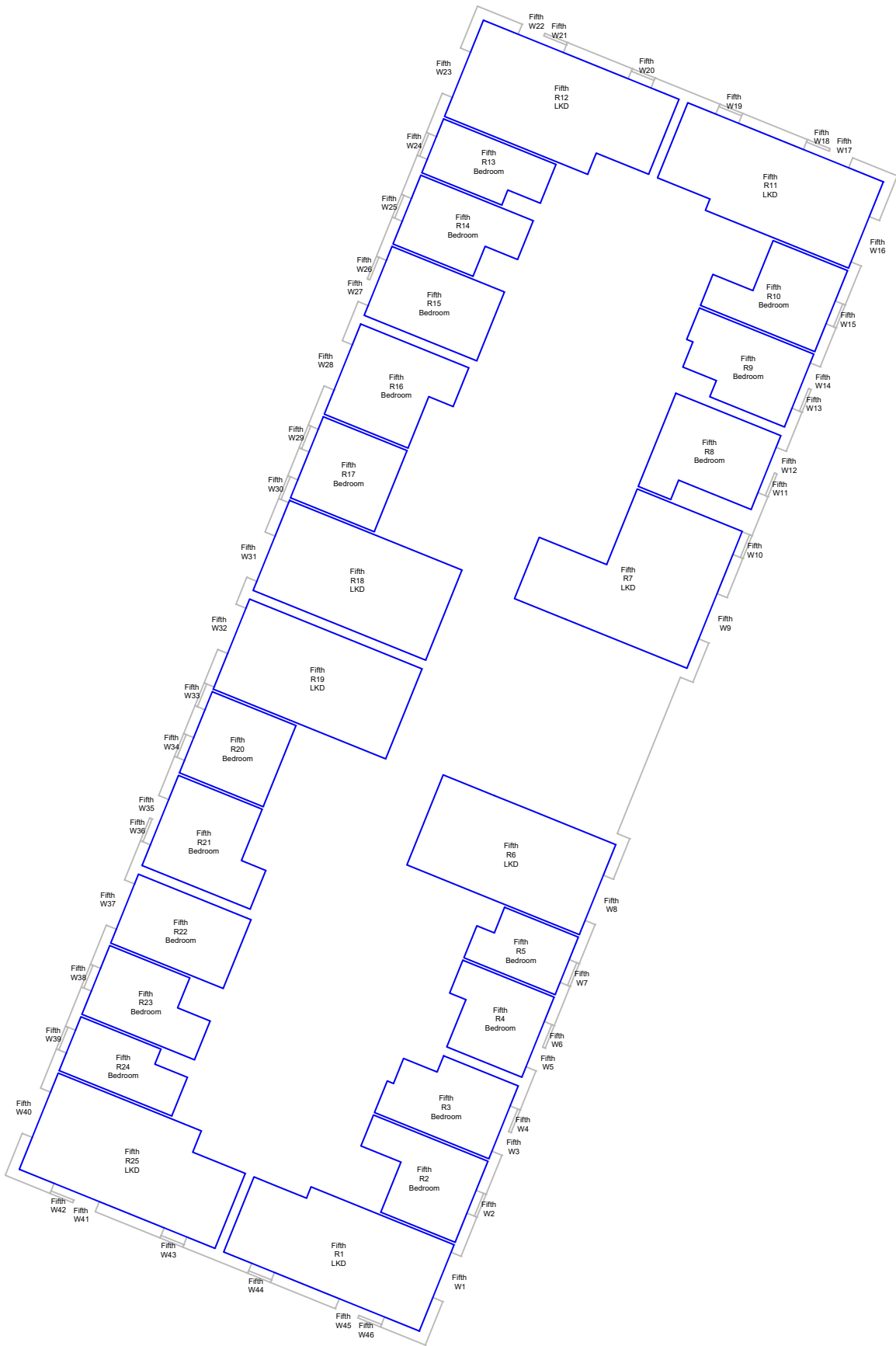
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Robinsons Surveyors Limited



BUILDING 4 - FOURTH FLOOR



BUILDING 4 - FIFTH FLOOR



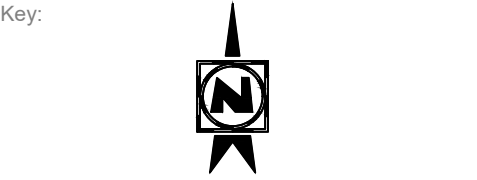
Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

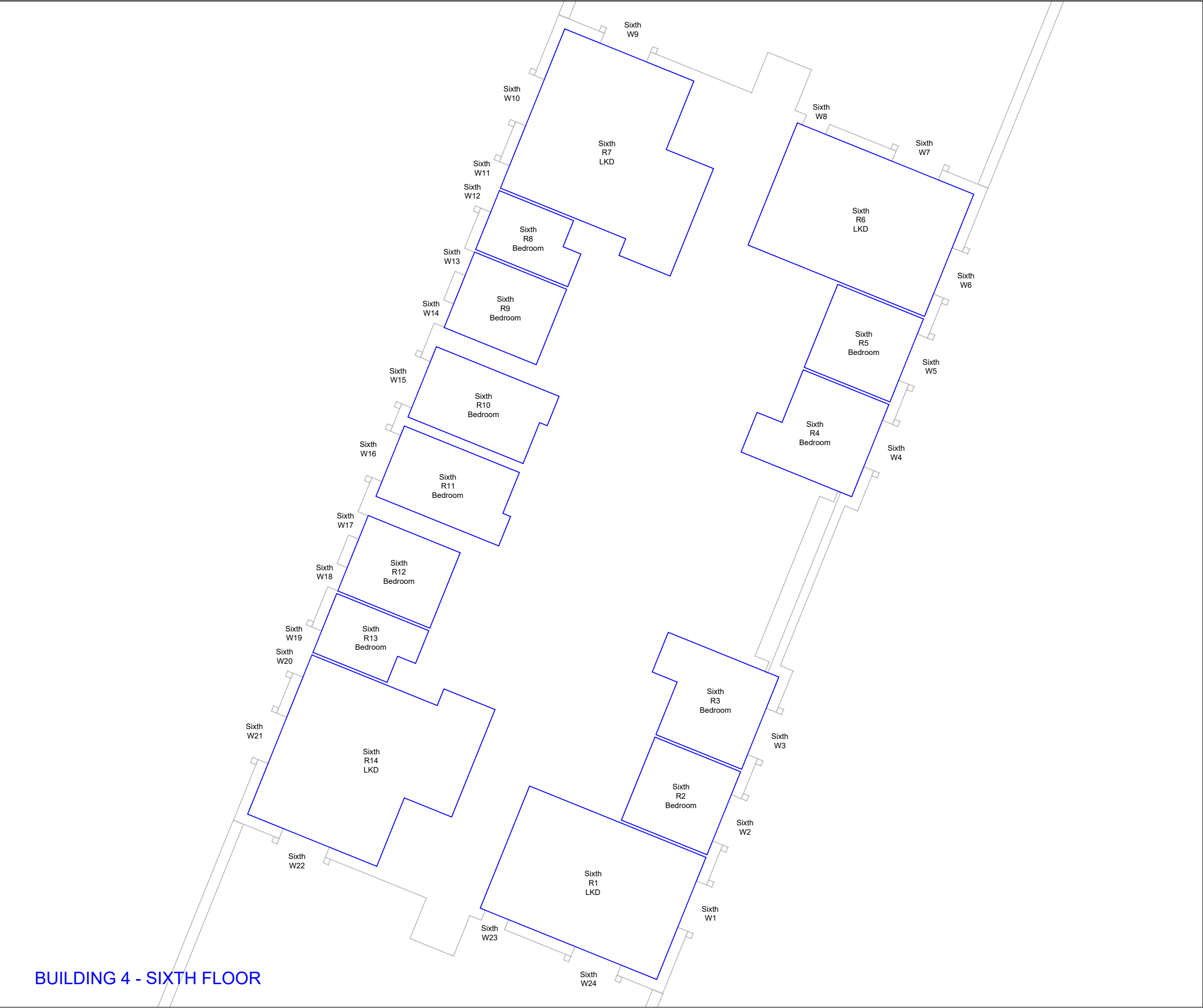
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FOUR                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>23                                                        | Model Release:<br>06 |       |



BUILDING 4 - SIXTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FOUR                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>24                                                        | Model Release:<br>06 |       |



BUILDING 5 - FIRST FLOOR



BUILDING 5 - SECOND FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FIVE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>25                                                        | Model Release:<br>06 |       |



BUILDING 5 - THIRD FLOOR



BUILDING 5 - FOURTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

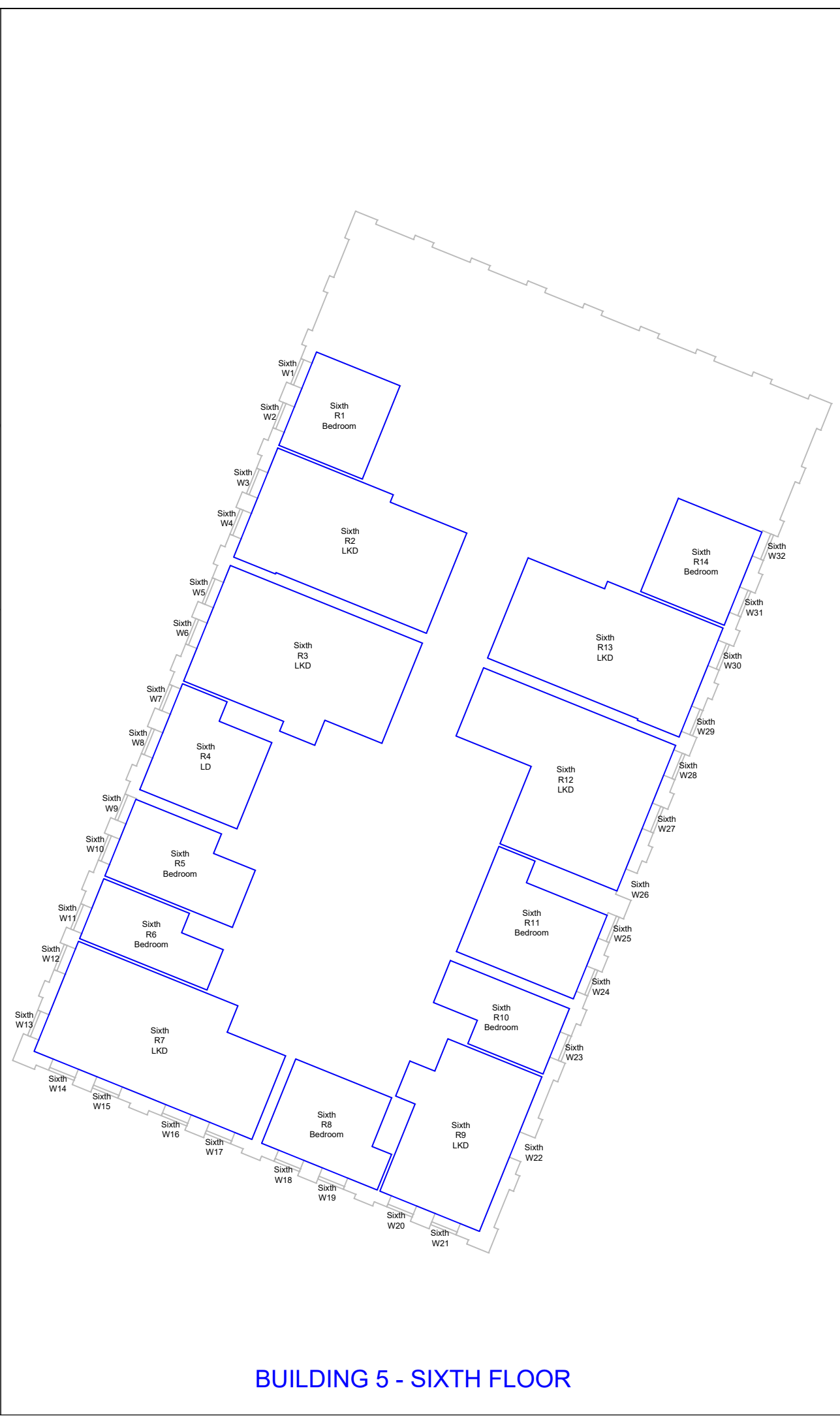
SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FIVE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>04      |       |
| Drawing No:<br>26                                                        | Model Release:<br>06 |       |



BUILDING 5 - FIFTH FLOOR



BUILDING 5 - SIXTH FLOOR

Source Data:  
  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

Key:

|                                                                          |                      |       |
|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FIVE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>27                                                        | Model Release:<br>06 |       |

Robinsons Surveyors Limited





BUILDING 5 - SEVENTH FLOOR



BUILDING 5 - EIGHTH FLOOR

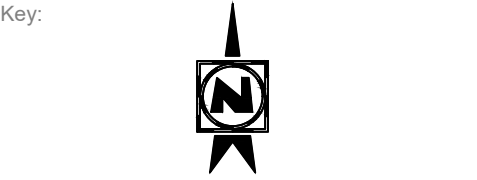
Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

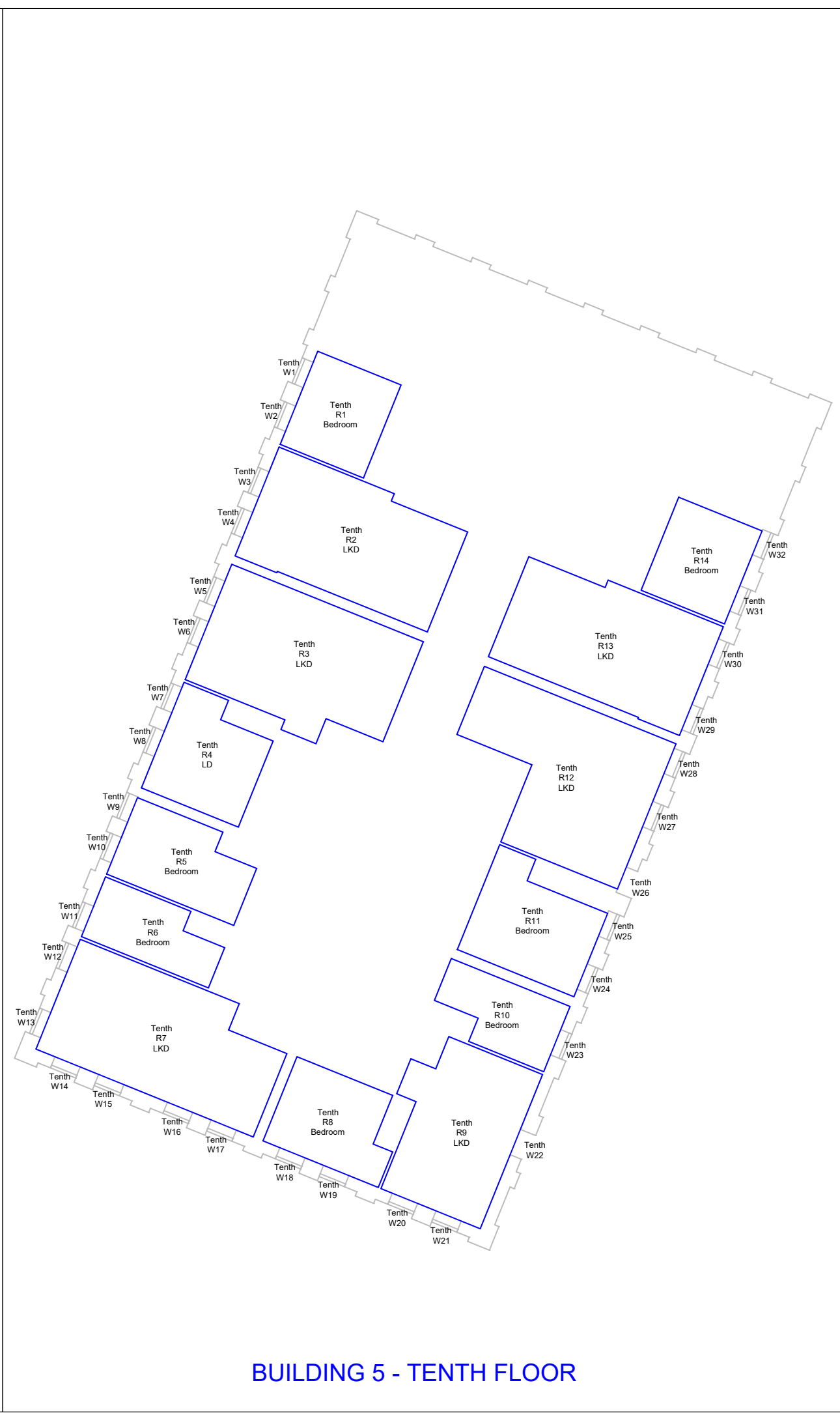
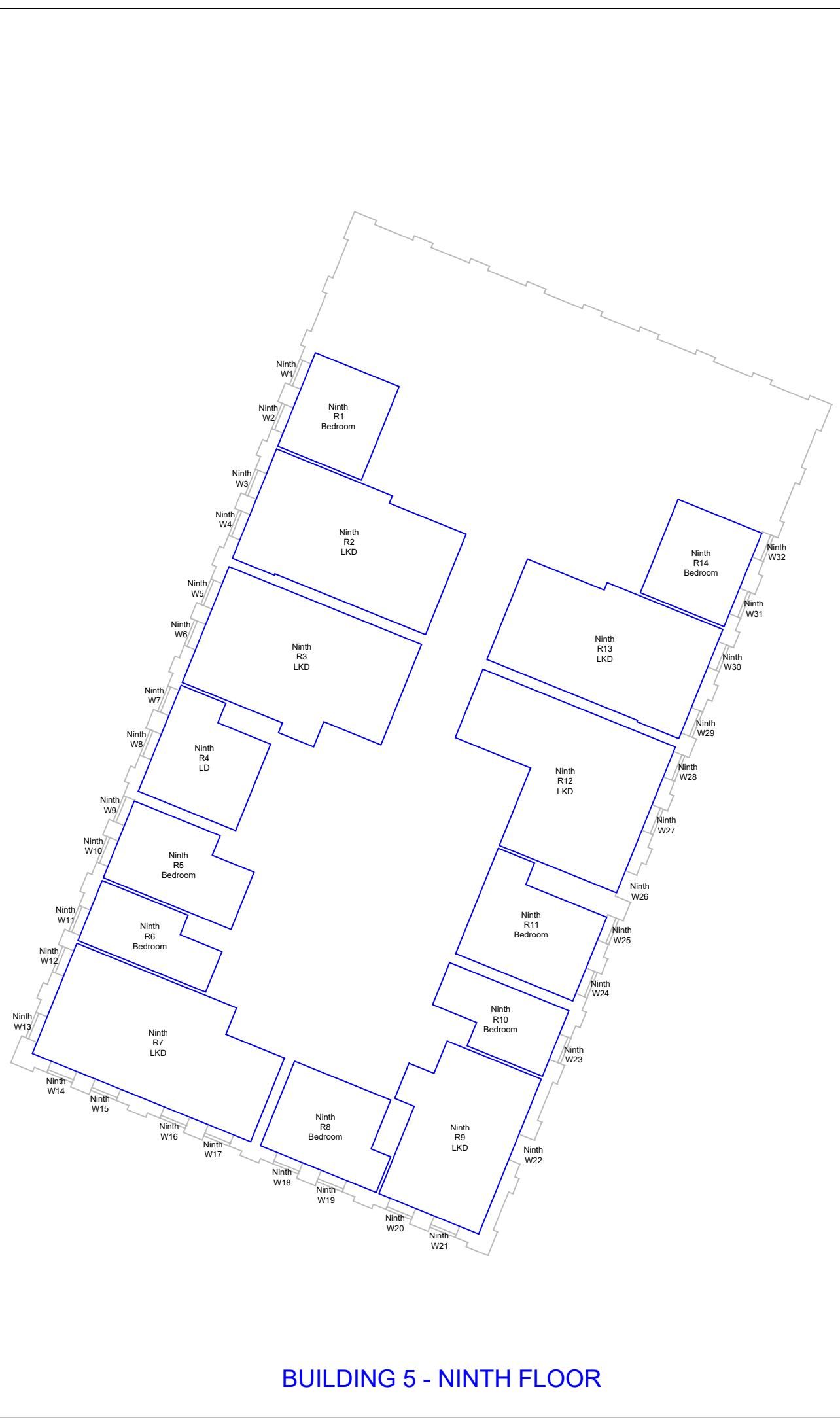
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FIVE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>28                                                        | Model Release:<br>06 |       |



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING FIVE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>29                                                        | Model Release:<br>06 |       |



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| Rev: | Details: | Date: |
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Address:  
HILLINGDON GATEWAY  
FREEZELAND WAY  
HILLINGDON, UB10 9NX

Title:  
PROPOSED SCHEME  
MAY 2020  
BUILDING SIX

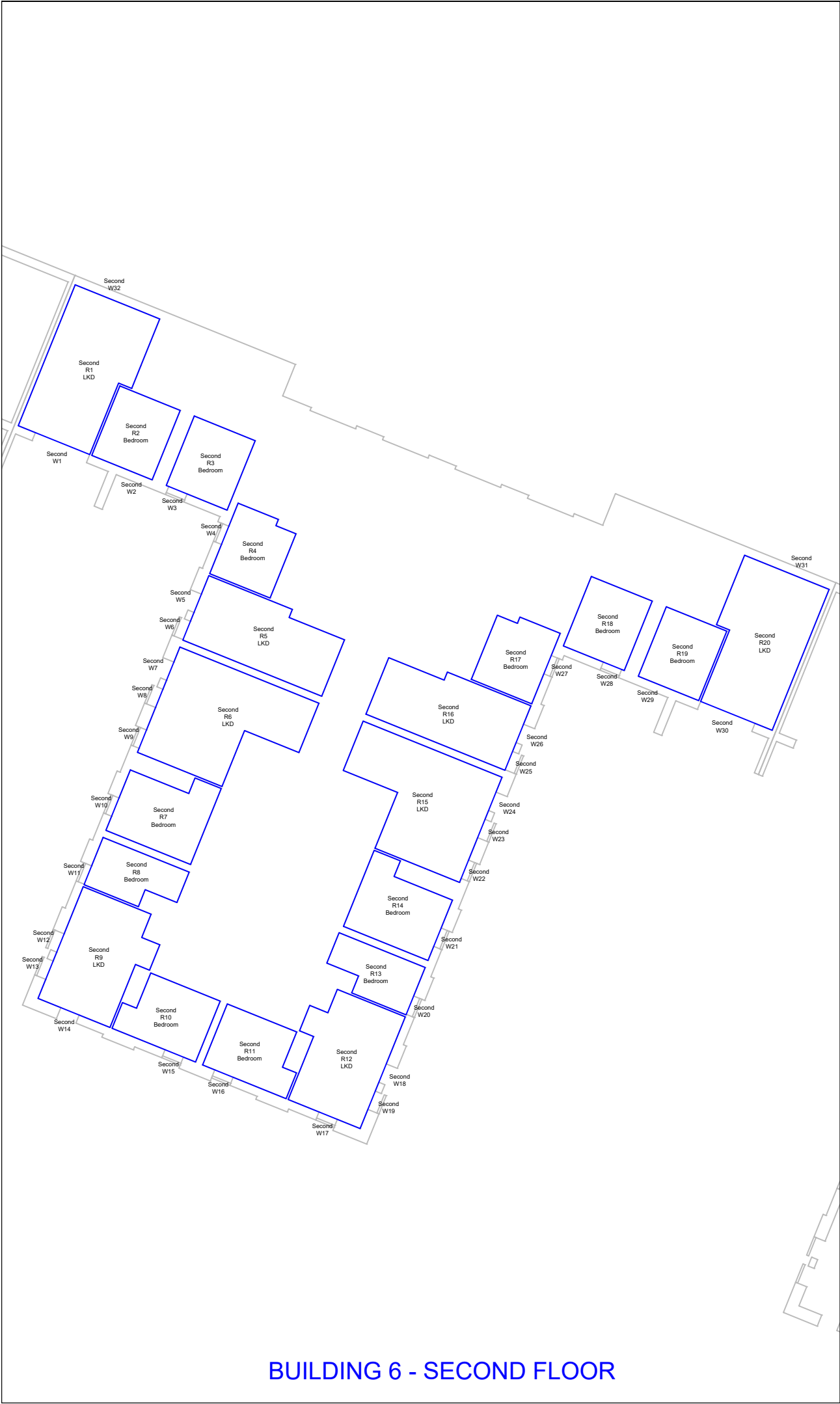
Client:

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| Drawn by:<br>GF | Scale:<br>NTS |
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| Date:<br>22/06/2020 | Issue No:<br>01 |
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| Drawing No:<br>30 | Model Release:<br>06 |
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Robinsons Surveyors Limited



BUILDING 6 - SECOND FLOOR



BUILDING 6 - THIRD FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING SIX                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>31                                                        | Model Release:<br>06 |       |



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

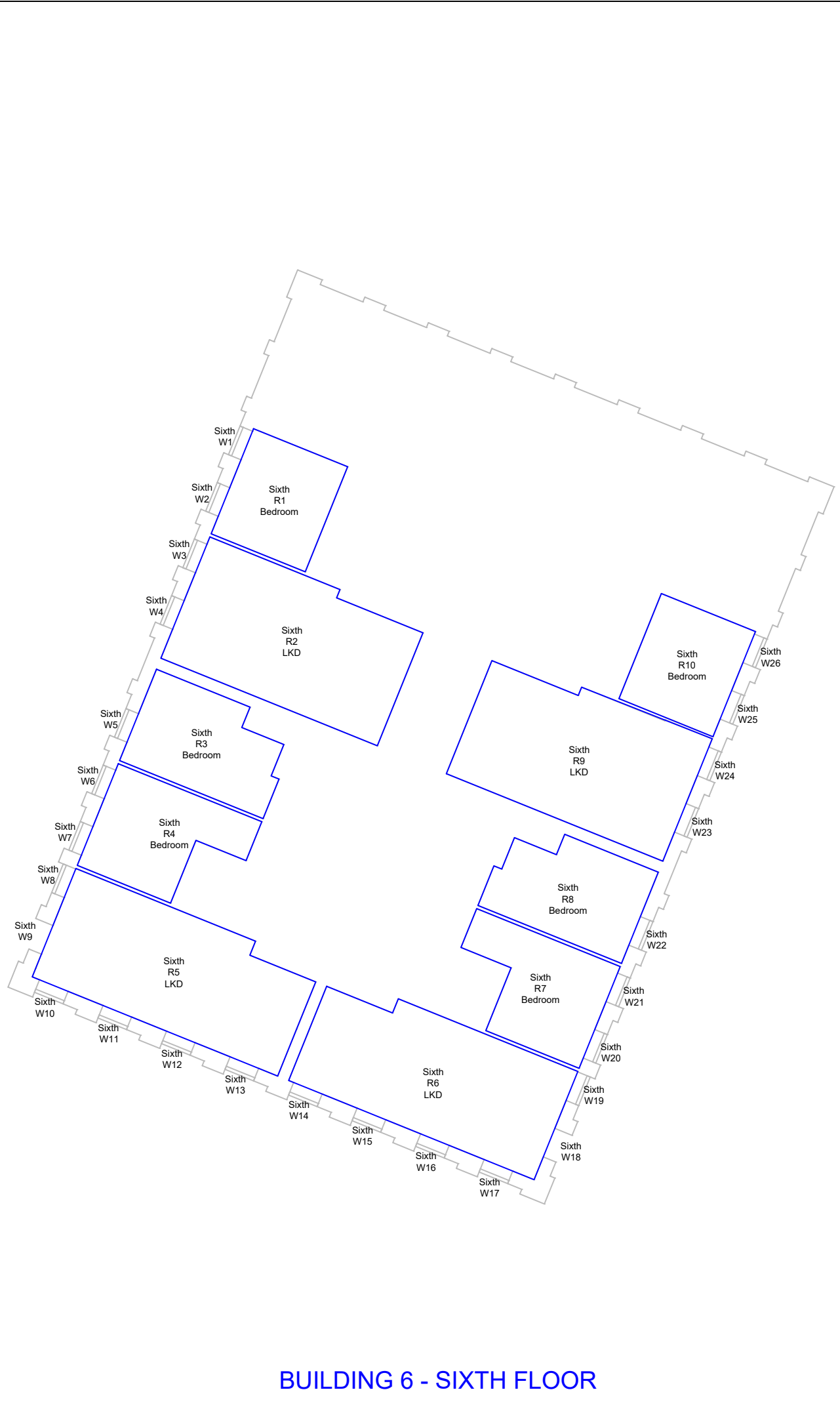
ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.

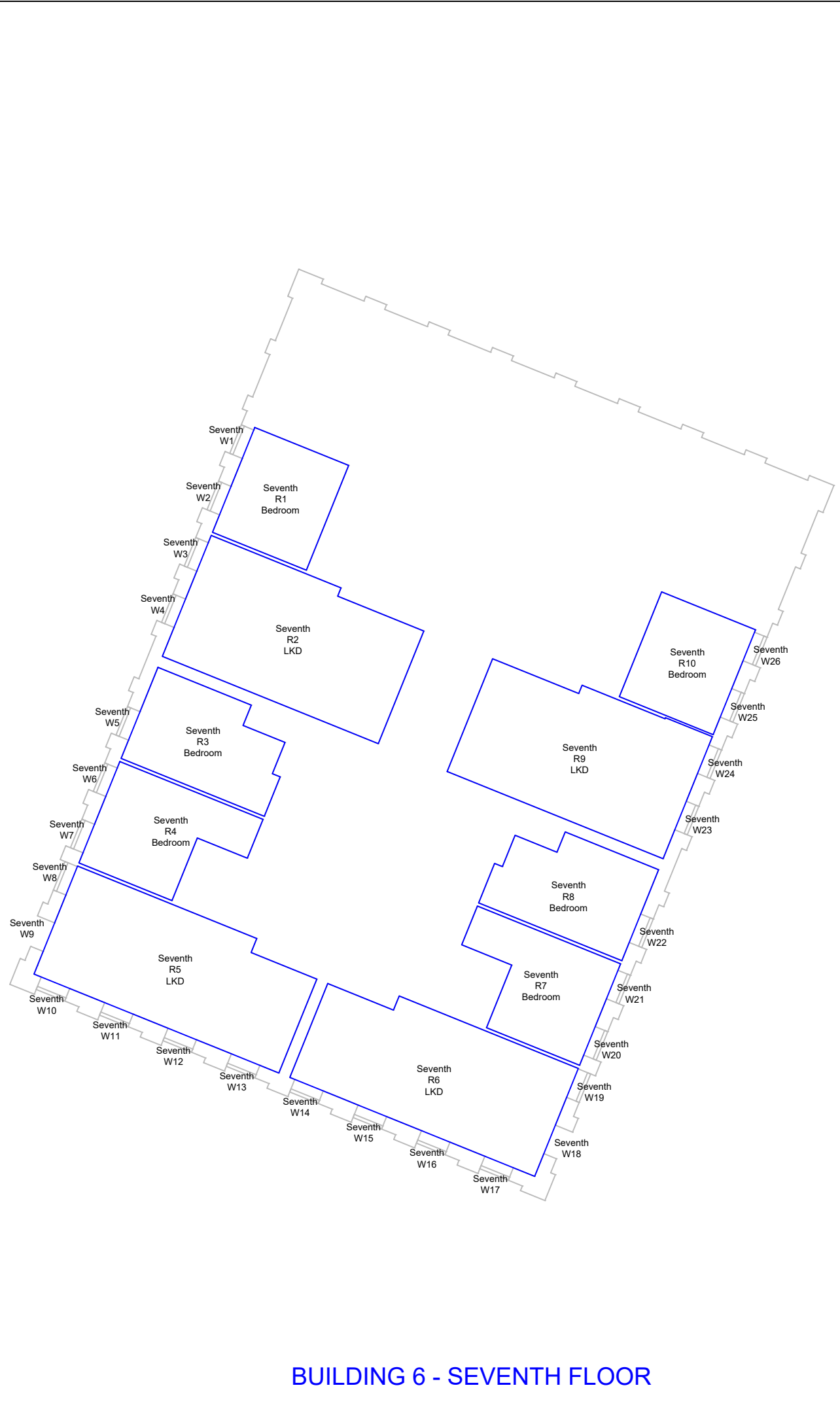


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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING SIX                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>32                                                        | Model Release:<br>06 |       |





BUILDING 6 - SIXTH FLOOR



BUILDING 6 - SEVENTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING SIX                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>33                                                        | Model Release:<br>06 |       |



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING SEVEN                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>34                                                        | Model Release:<br>06 |       |



BUILDING 7 - SECOND FLOOR



BUILDING 7 - THIRD FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING SEVEN                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>35                                                        | Model Release:<br>06 |       |



BUILDING 7 - FOURTH FLOOR



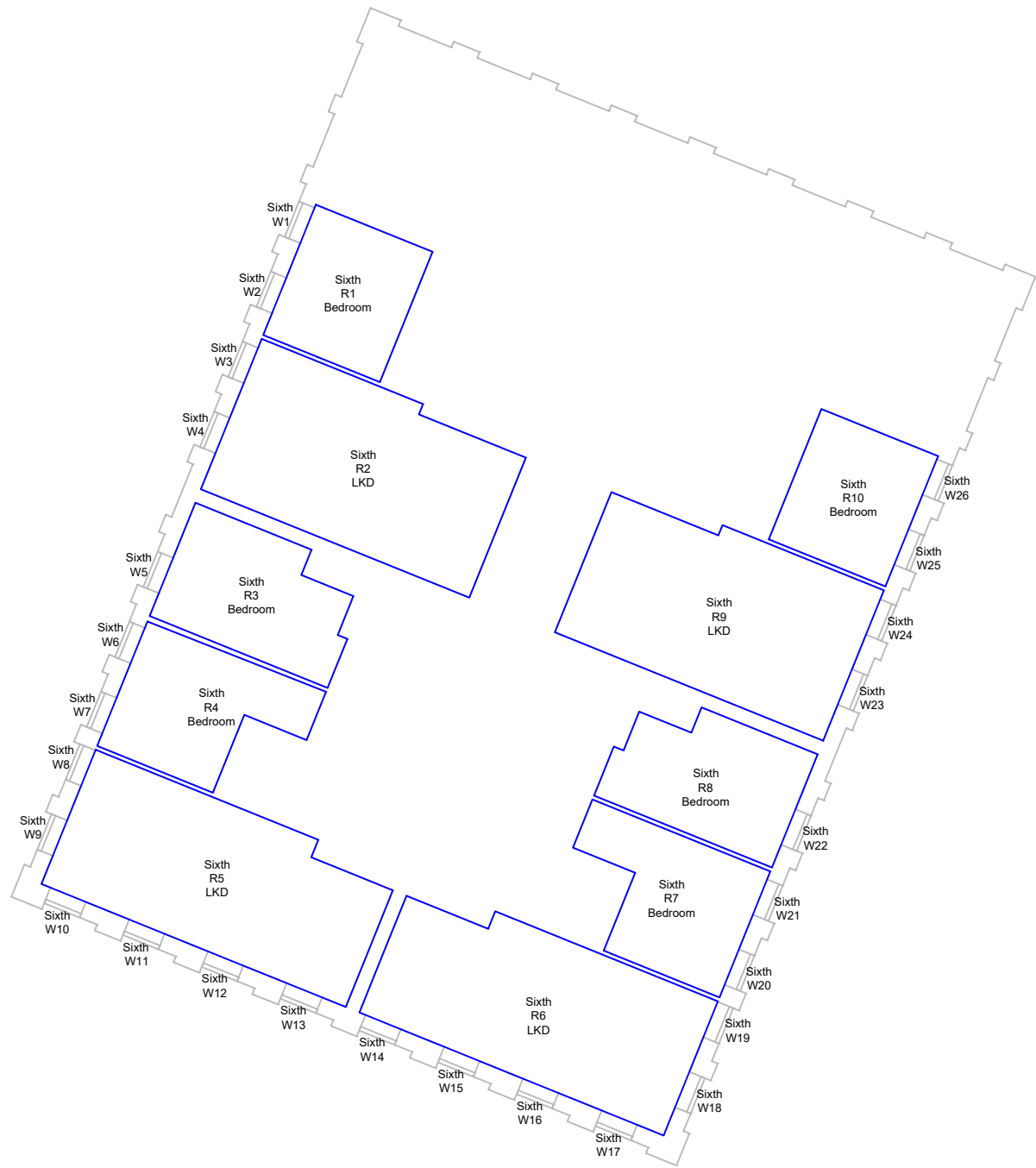
BUILDING 7 - FIFTH FLOOR

Source Data:  
  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

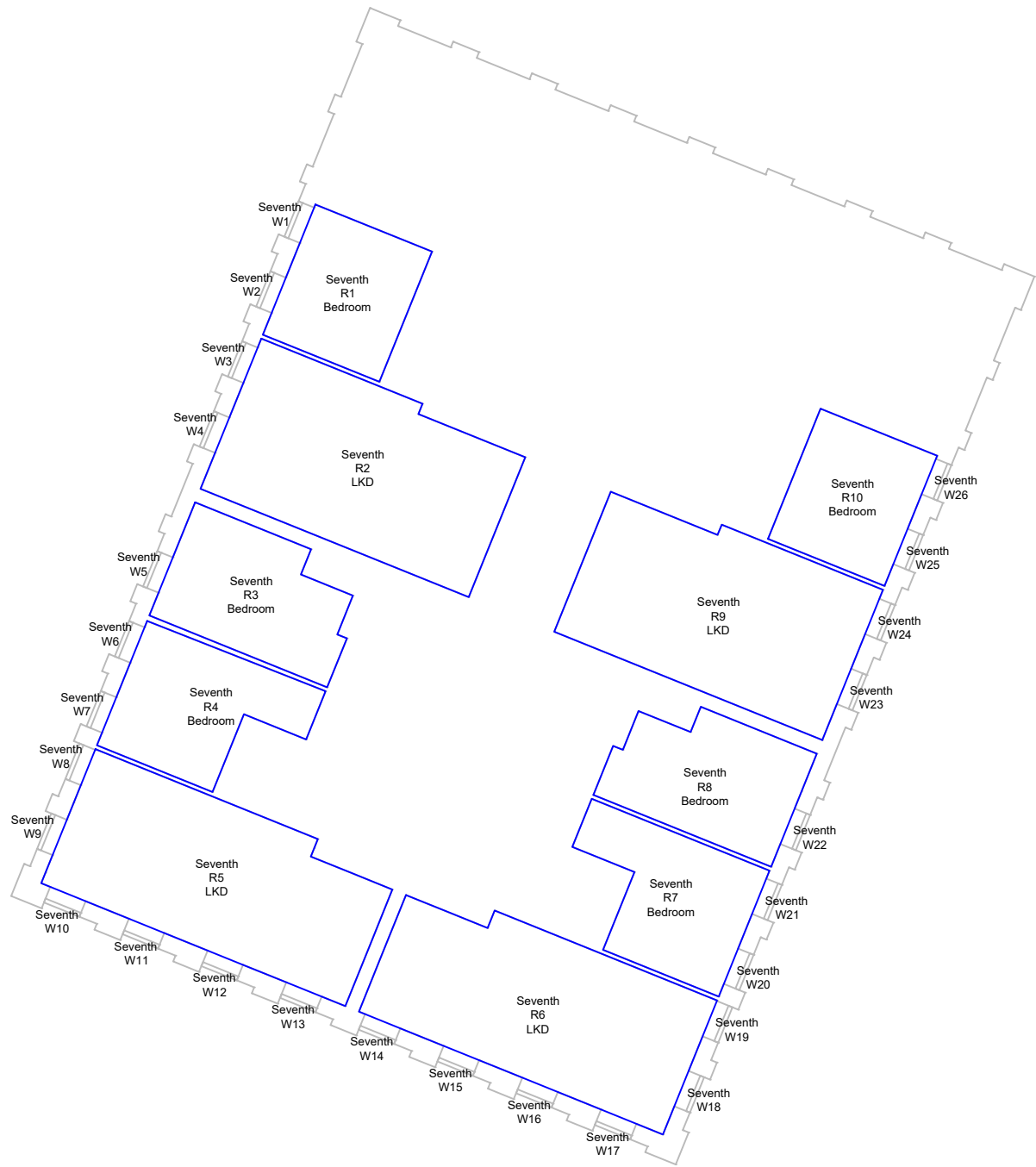
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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING SEVEN                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>36                                                        | Model Release:<br>06 |       |

Robinsons Surveyors Limited



BUILDING 7 - SIXTH FLOOR



BUILDING 7 - SEVENTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

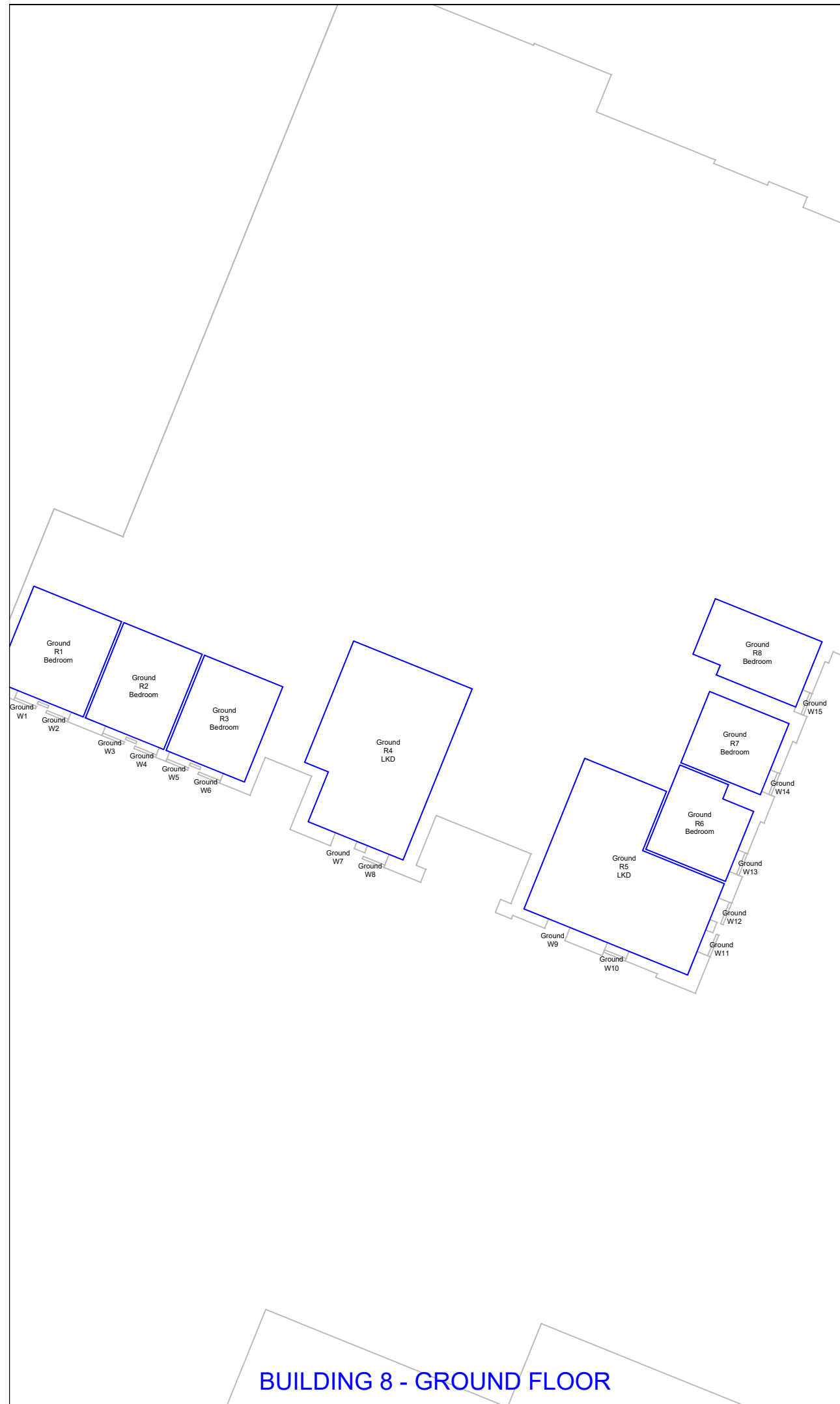
SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING SEVENTH                |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>37                                                        | Model Release:<br>06 |       |

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Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.

Key:



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING EIGHT                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>38                                                        | Model Release:<br>06 |       |

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Robinsons Surveyors Limited



BUILDING 8 - SECOND FLOOR



BUILDING 8 - THIRD FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING EIGHT                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>39                                                        | Model Release:<br>06 |       |



BUILDING 8 - FOURTH FLOOR



BUILDING 8 - FIFTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

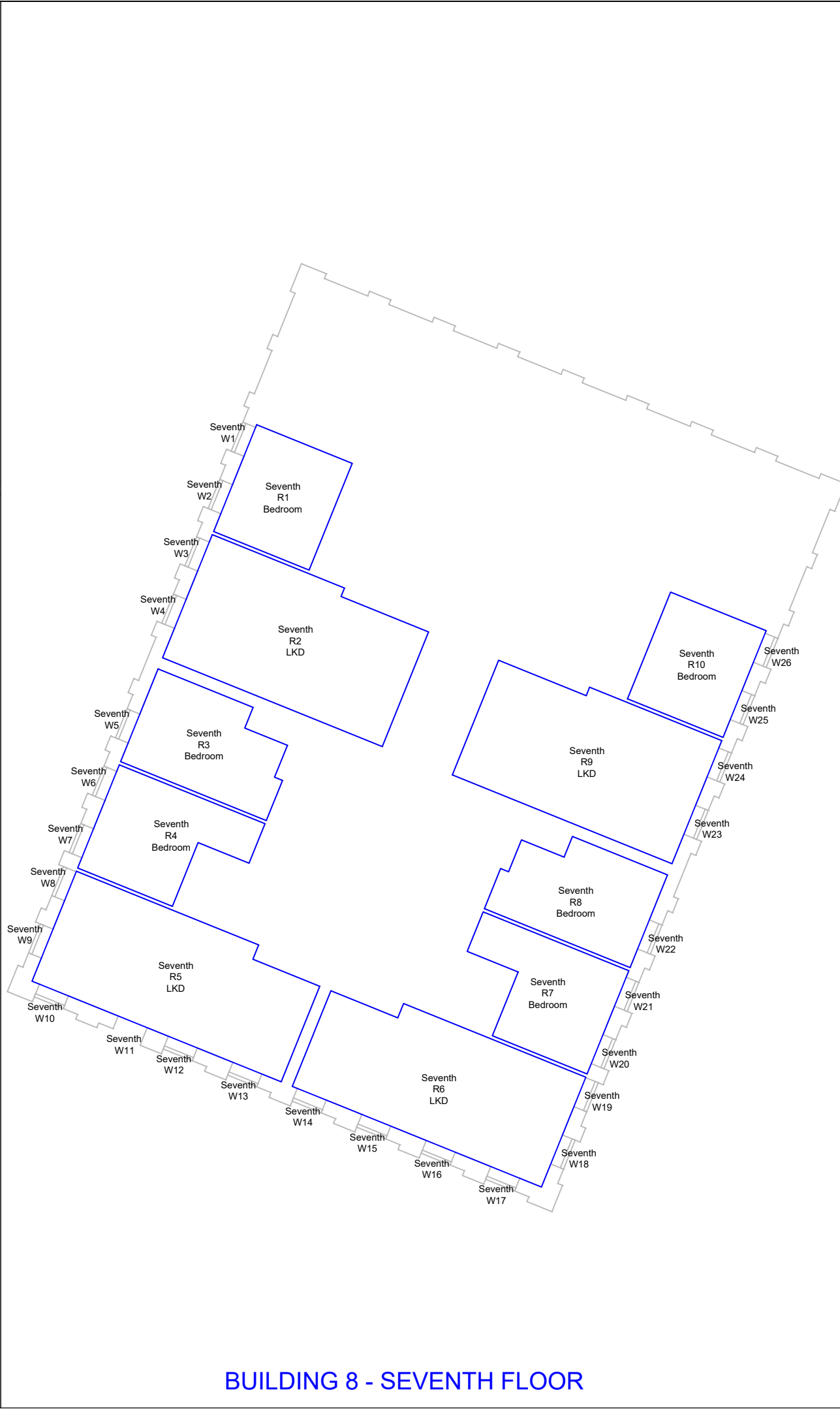
SITE PHOTOGRAPHY 23.06.2017.



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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING EIGHT                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>40                                                        | Model Release:<br>06 |       |



BUILDING 8 - SIXTH FLOOR



BUILDING 8 - SEVENTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING EIGHT                  |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>41                                                        | Model Release:<br>06 |       |



BUILDING 9 - GROUND FLOOR



BUILDING 9 - FIRST FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING NINE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>42                                                        | Model Release:<br>06 |       |





BUILDING 9 - SECOND FLOOR



BUILDING 9 - THIRD FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING NINE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>43                                                        | Model Release:<br>06 |       |



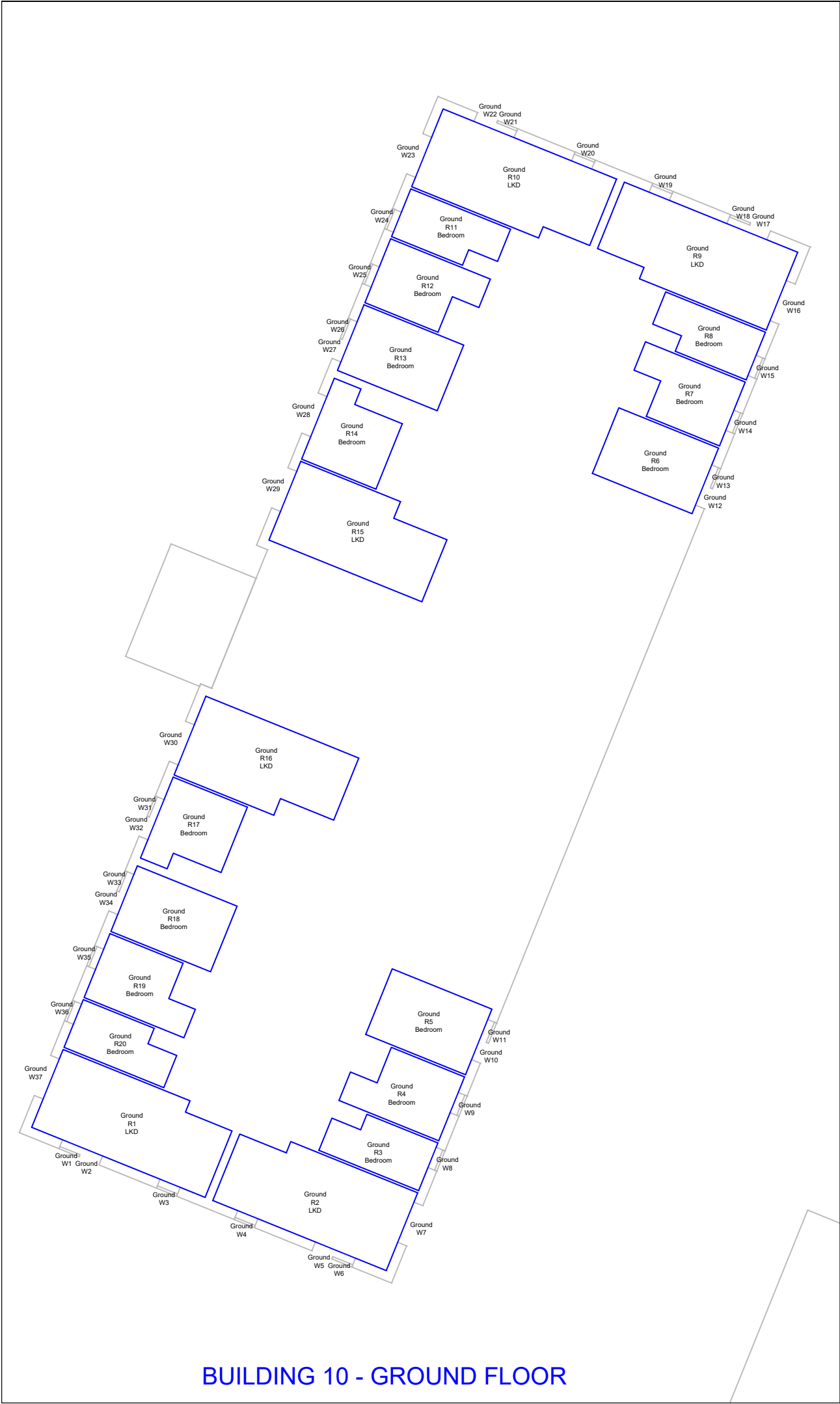
BUILDING 9 - FOURTH FLOOR

Source Data:  
  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

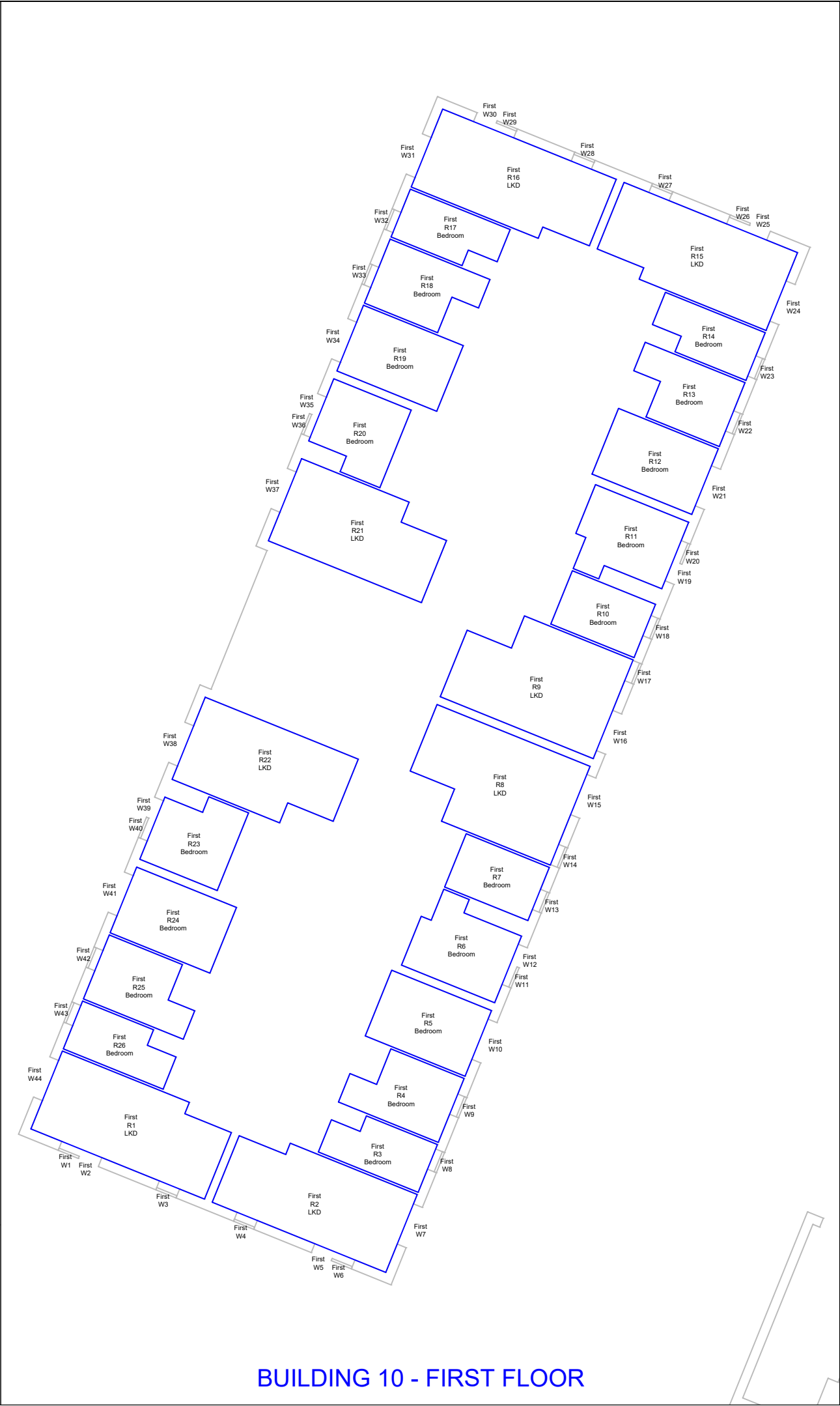
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| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING NINE                   |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>44                                                        | Model Release:<br>06 |       |

Robinsons Surveyors Limited



BUILDING 10 - GROUND FLOOR



BUILDING 10 - FIRST FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

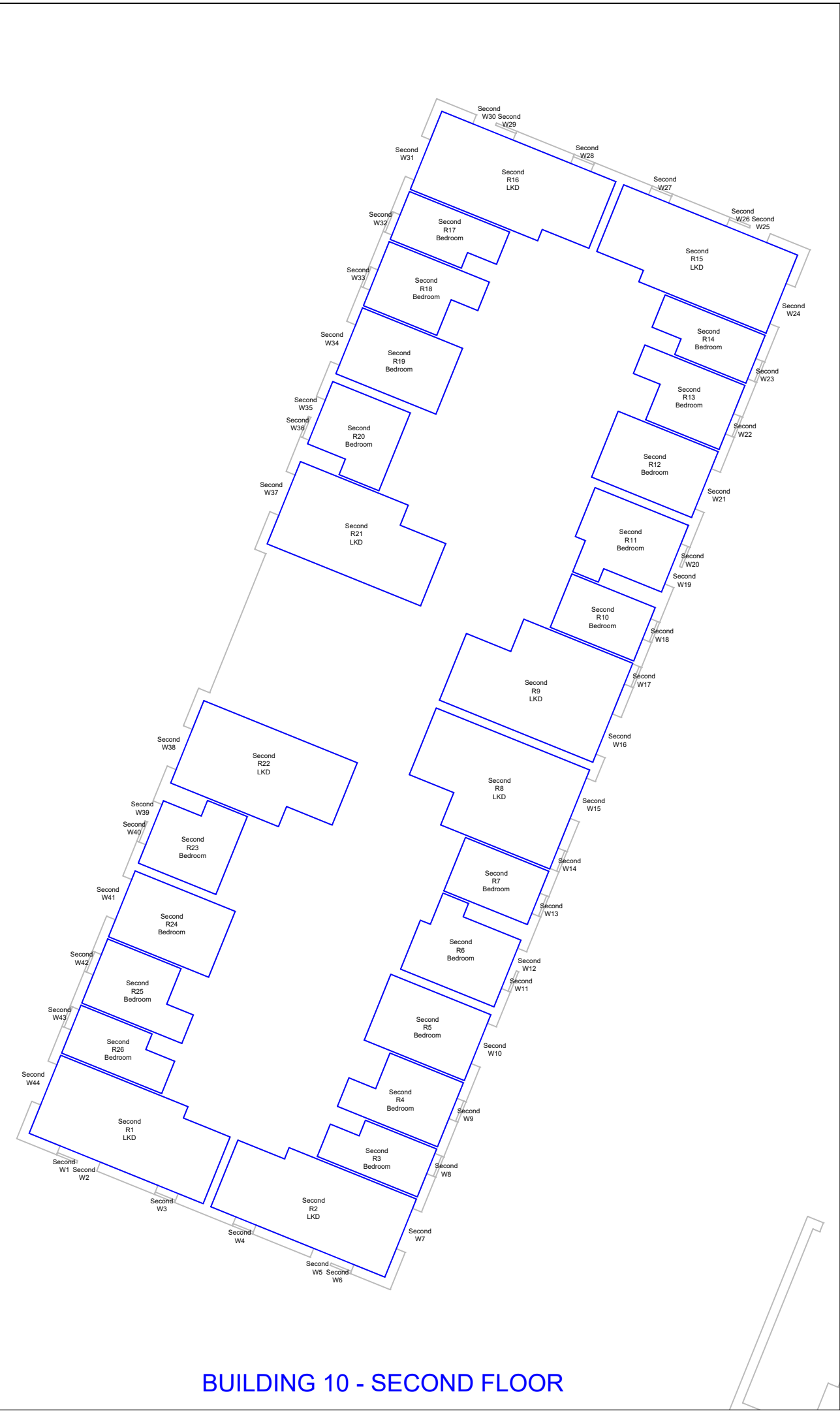
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

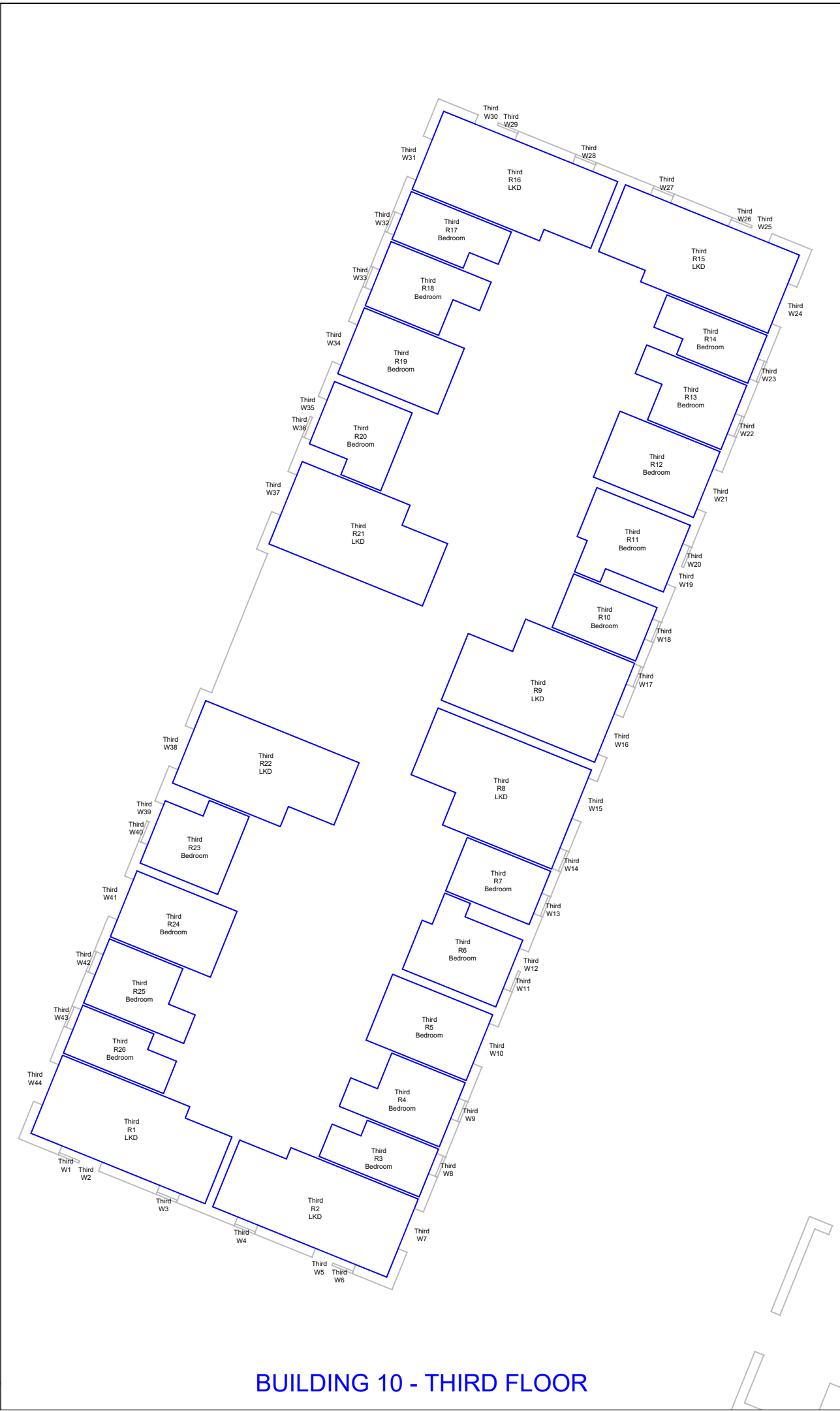
SITE PHOTOGRAPHY 23.06.2017.



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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TEN                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>45                                                        | Model Release:<br>06 |       |



BUILDING 10 - SECOND FLOOR



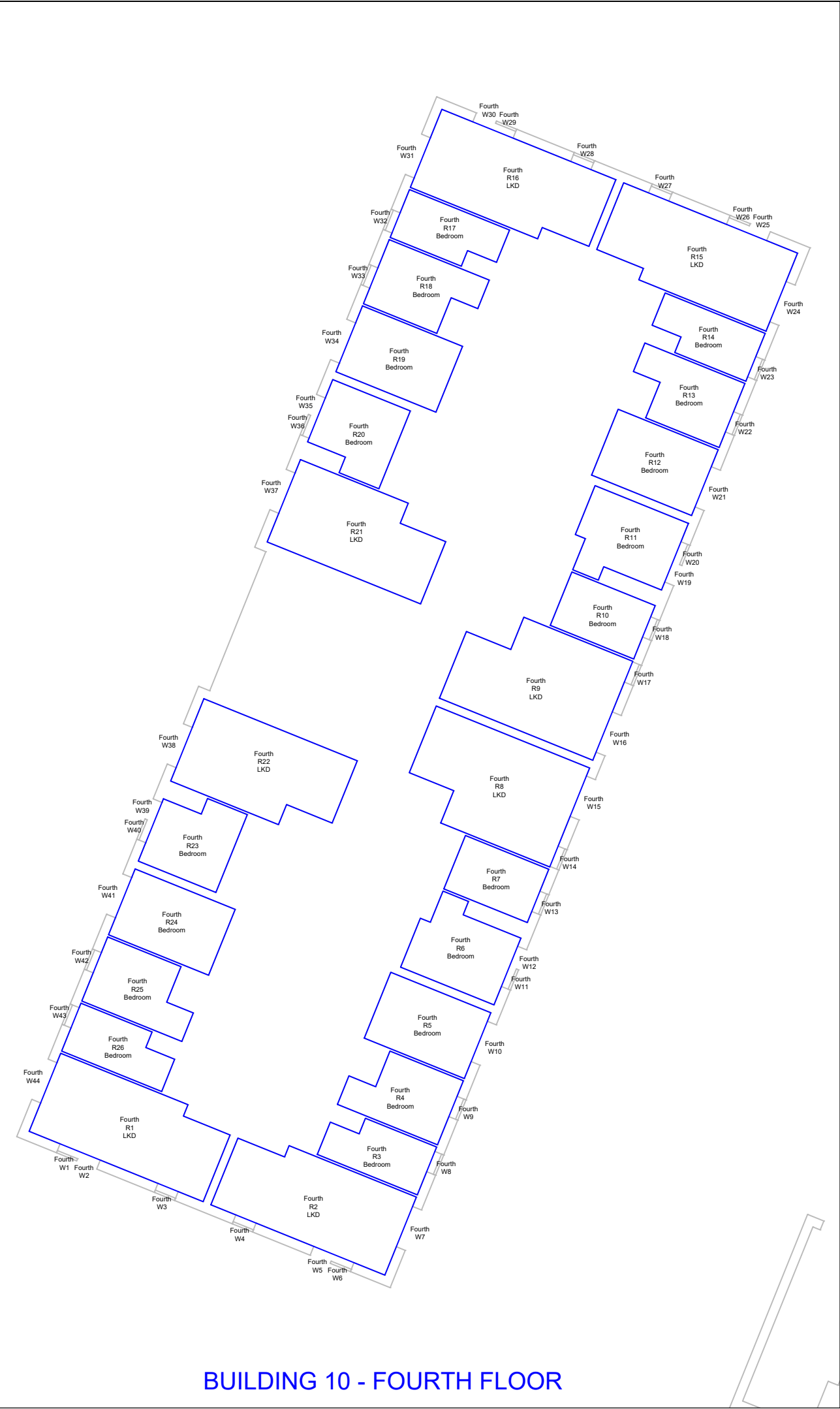
BUILDING 10 - THIRD FLOOR

Source Data:  
  
COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.  
  
ZMAPPING  
3D MASSING MODEL.  
  
ORDNANCE SURVEY  
SITE PLAN.  
  
SITE PHOTOGRAPHY 23.06.2017.

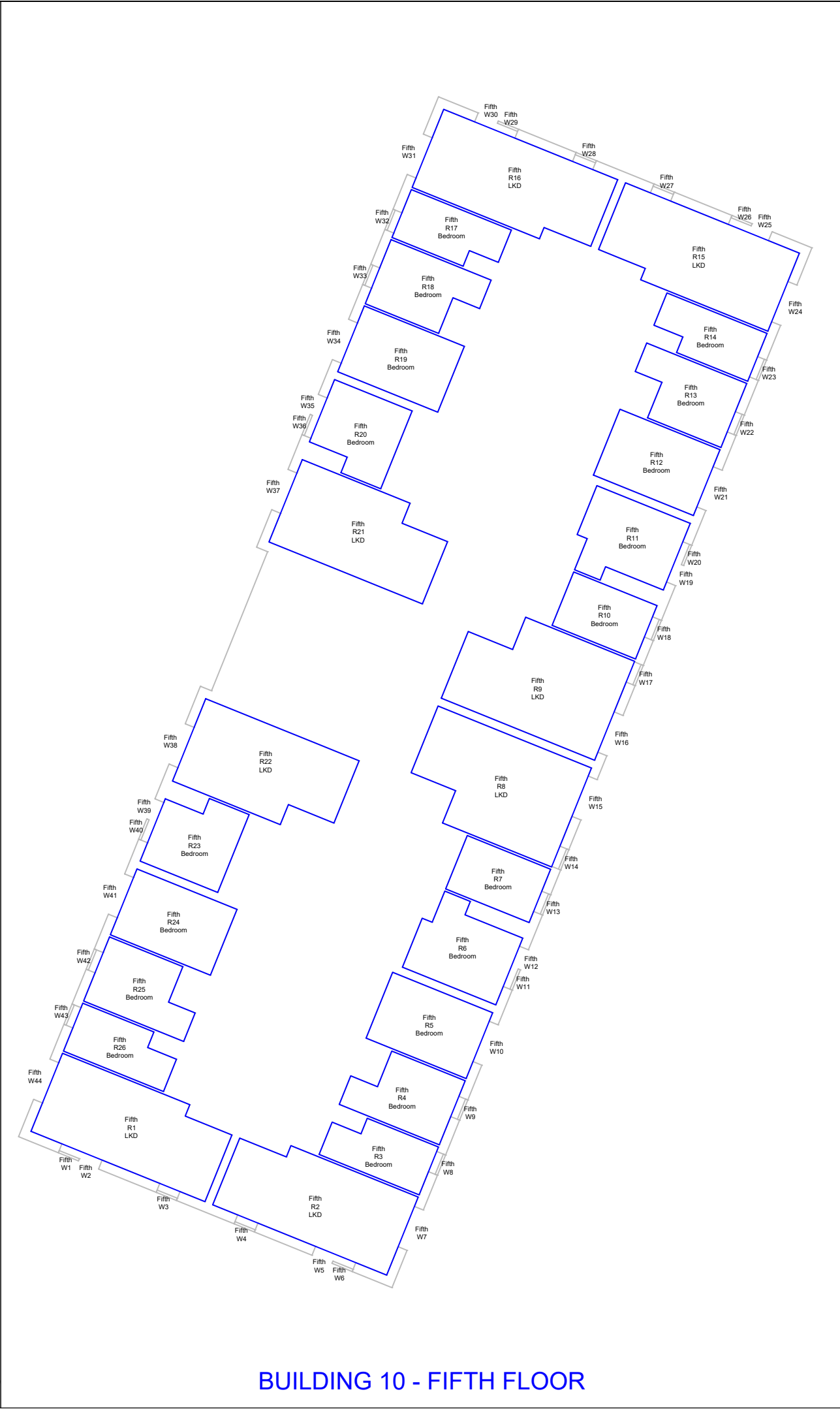
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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TEN                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>46                                                        | Model Release:<br>06 |       |

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Robinsons Surveyors Limited



BUILDING 10 - FOURTH FLOOR



BUILDING 10 - FIFTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

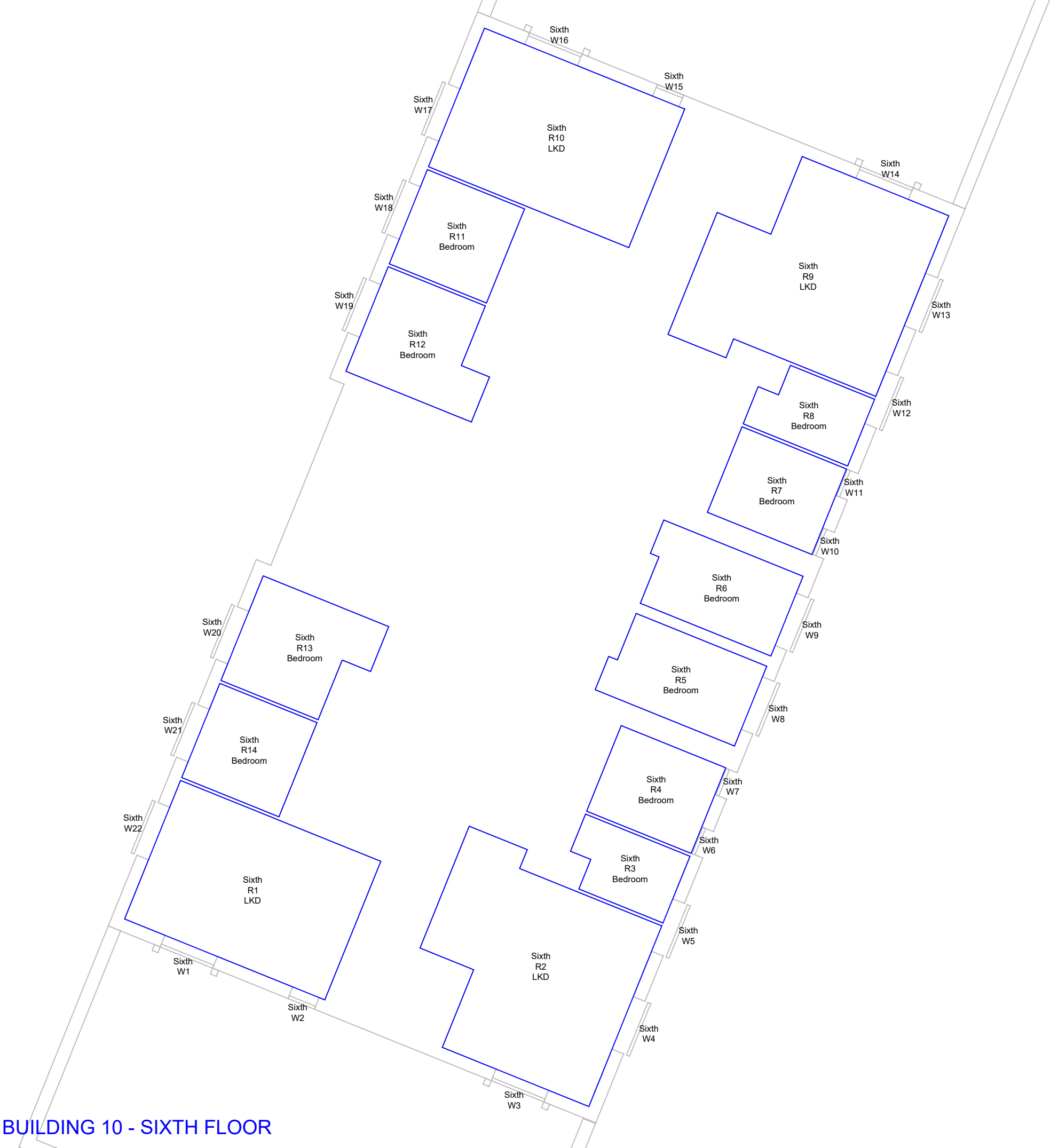
ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TEN                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>47                                                        | Model Release:<br>06 |       |





BUILDING 10 - SIXTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

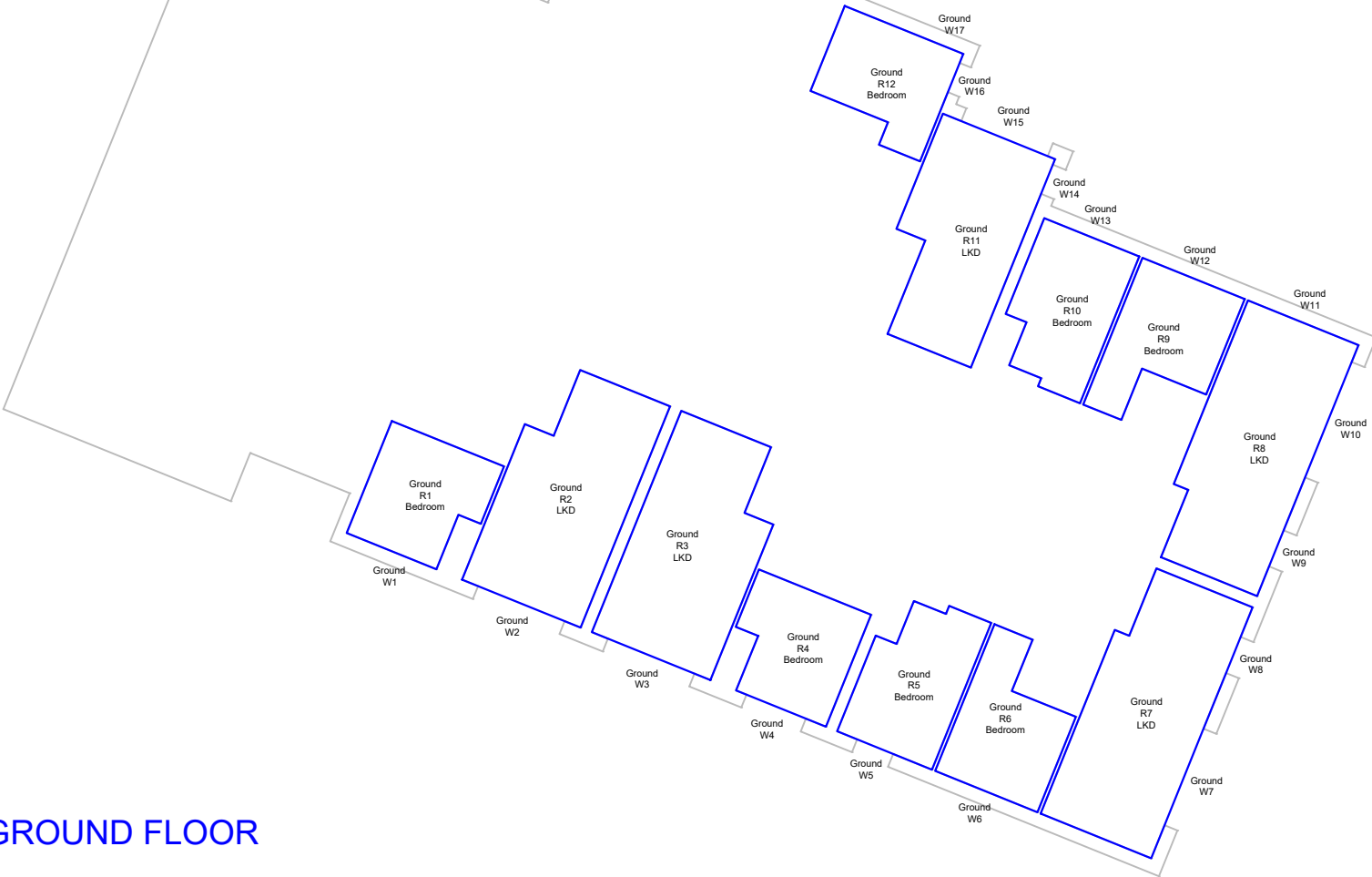
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

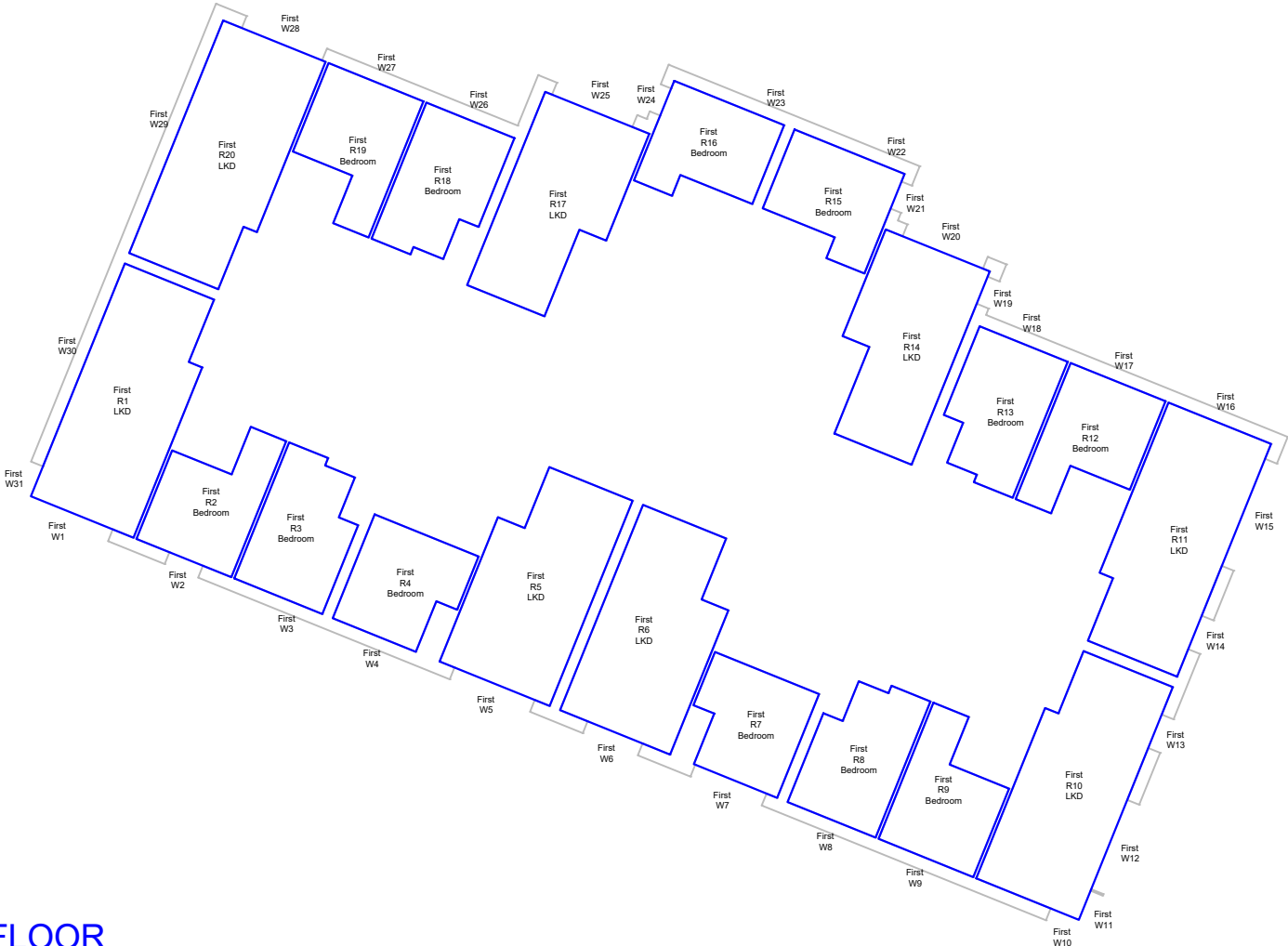
SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TEN                    |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>48                                                        | Model Release:<br>06 |       |



BUILDING 11 - GROUND FLOOR



BUILDING 11 - FIRST FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

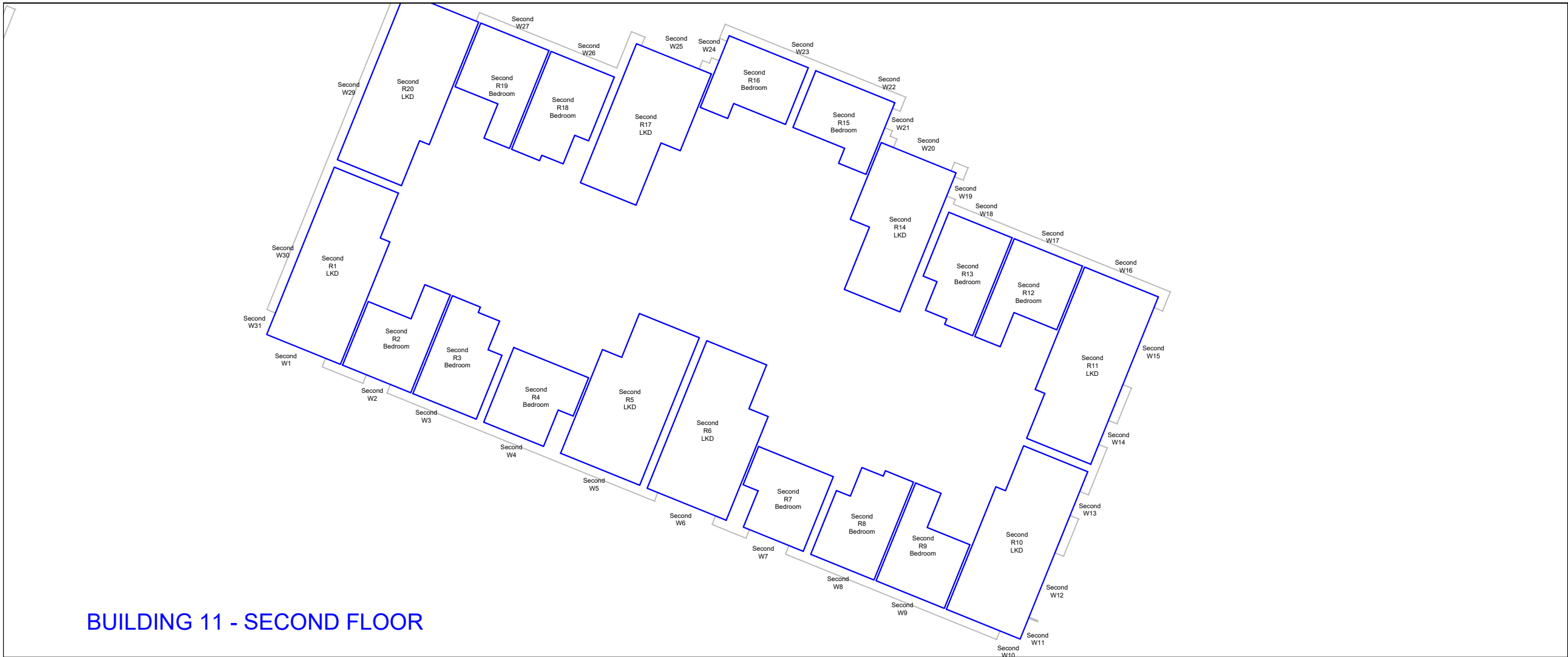
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

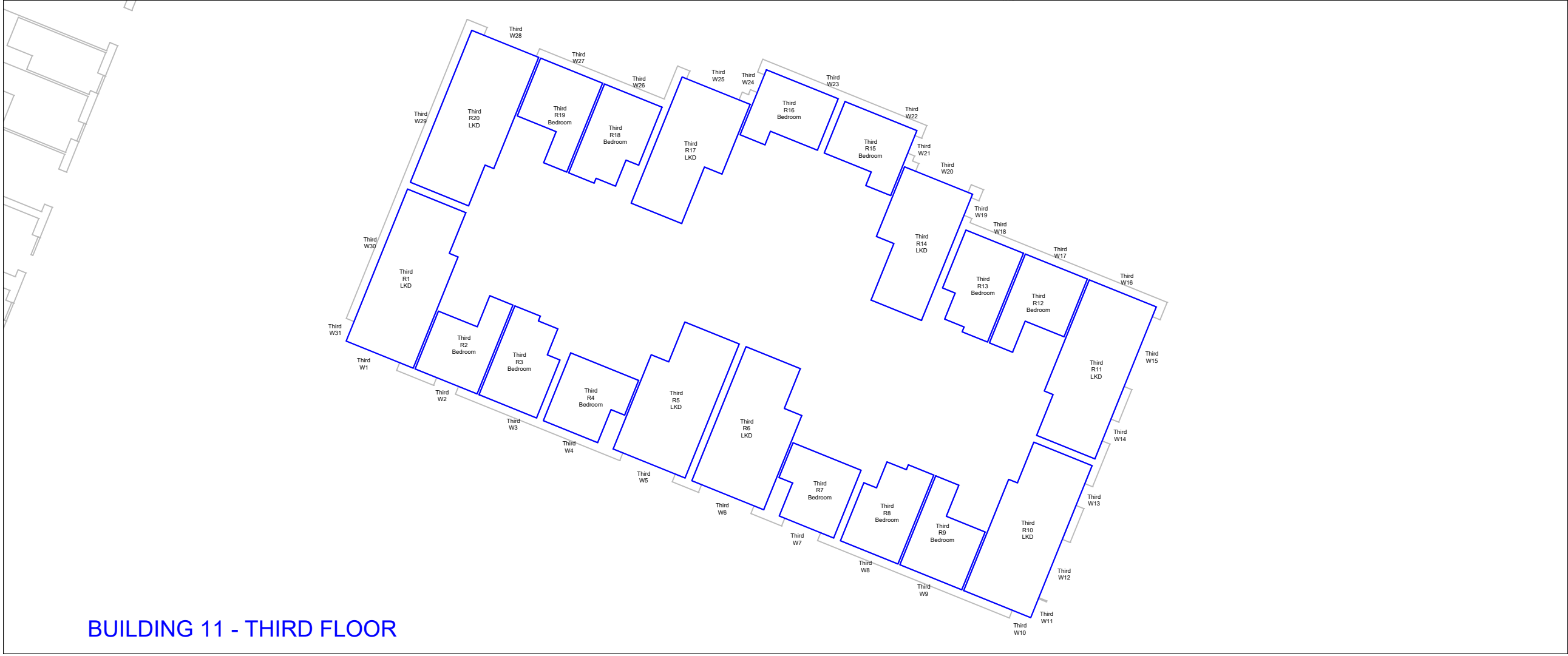
SITE PHOTOGRAPHY 23.06.2017.



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| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING ELEVEN                 |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>49                                                        | Model Release:<br>06 |       |



BUILDING 11 - SECOND FLOOR



BUILDING 11 - THIRD FLOOR

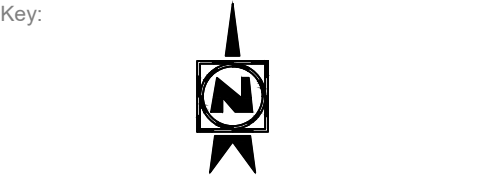
Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

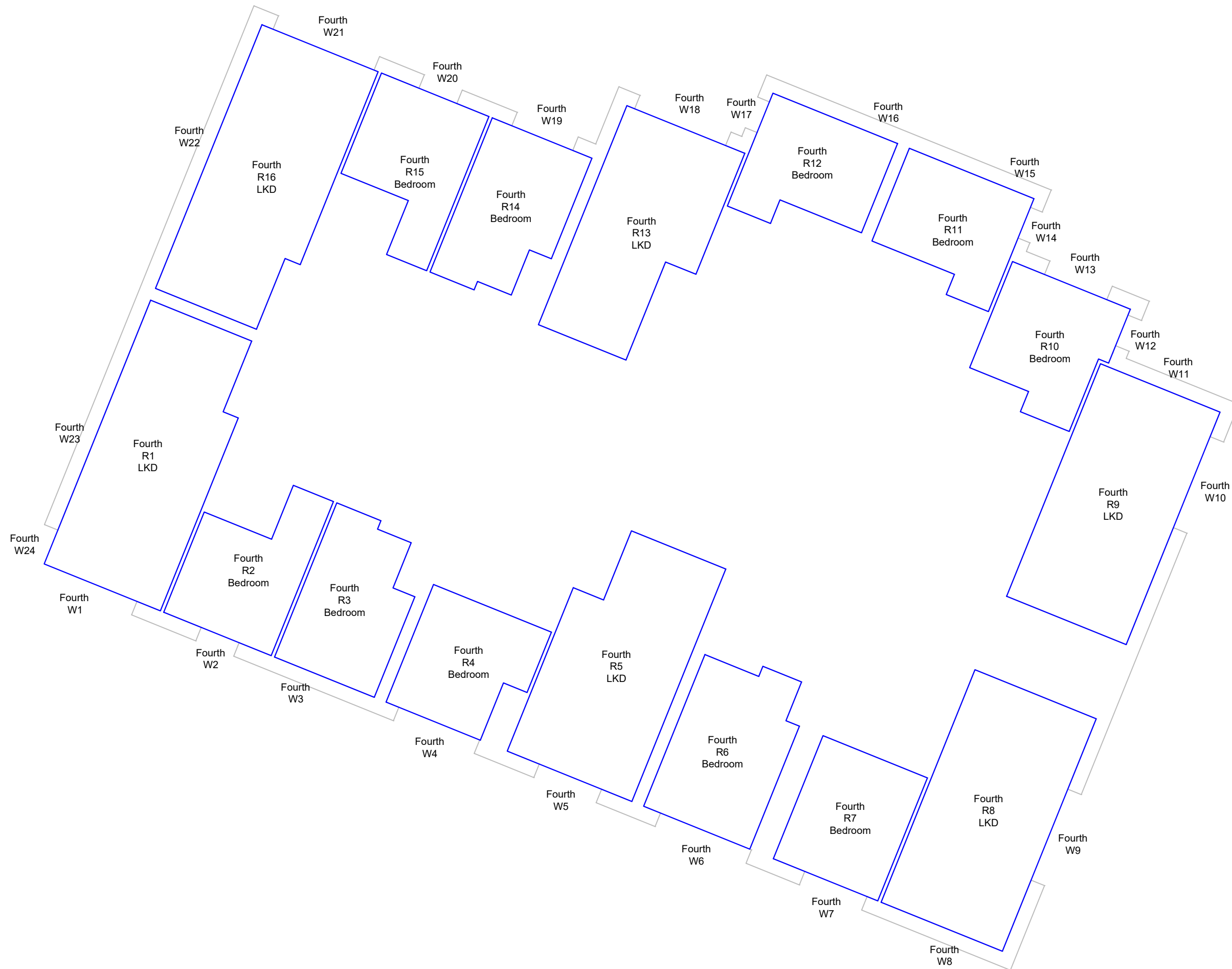
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING ELEVEN                 |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>50                                                        | Model Release:<br>06 |       |

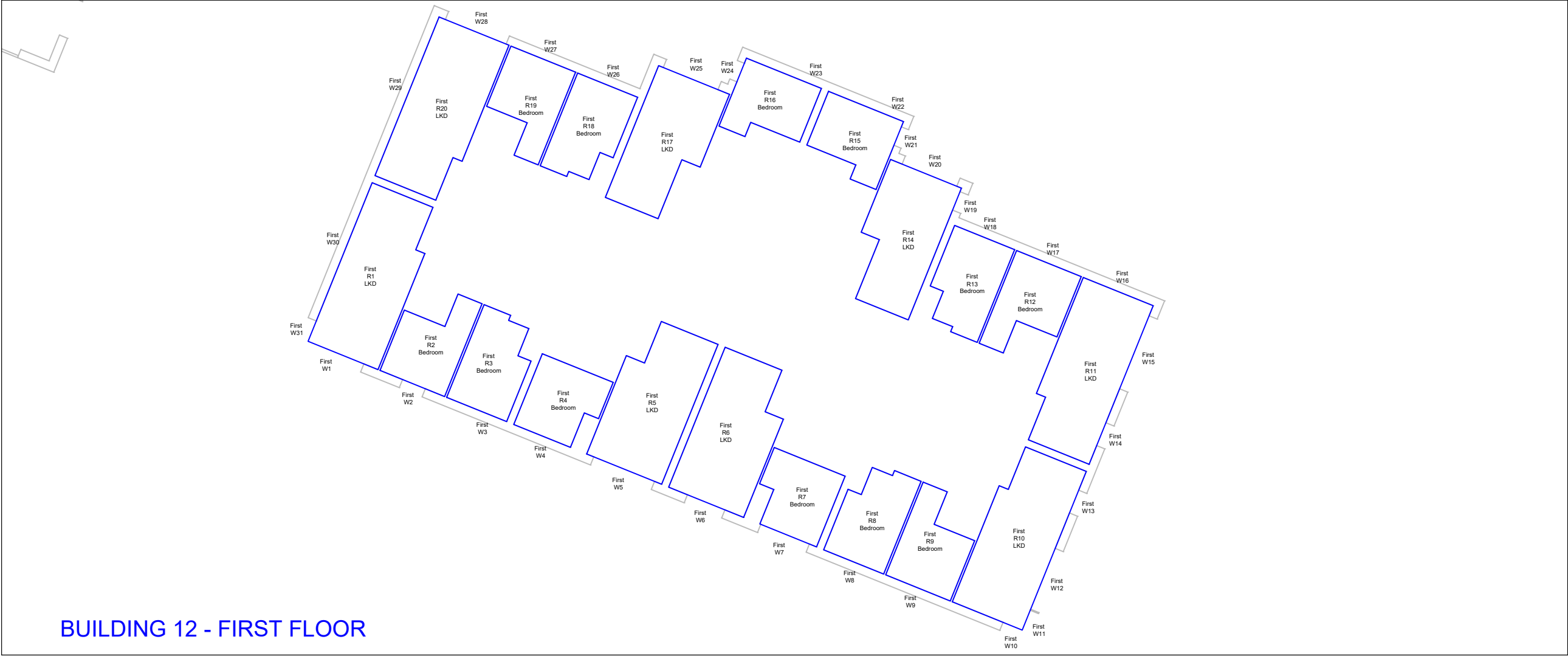


BUILDING 11 - FOURTH FLOOR

Source Data:  
  
 COLLADOCOLLINS ARCHITECTS  
 PROPOSED SCHEME DRAWINGS  
 RECEIVED 1ST - 21ST MAY 2020.  
  
 ZMAPPING  
 3D MASSING MODEL.  
  
 ORDNANCE SURVEY  
 SITE PLAN.  
  
 SITE PHOTOGRAPHY 23.06.2017.

Key:

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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING ELEVEN                 |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>51                                                        | Model Release:<br>06 |       |



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

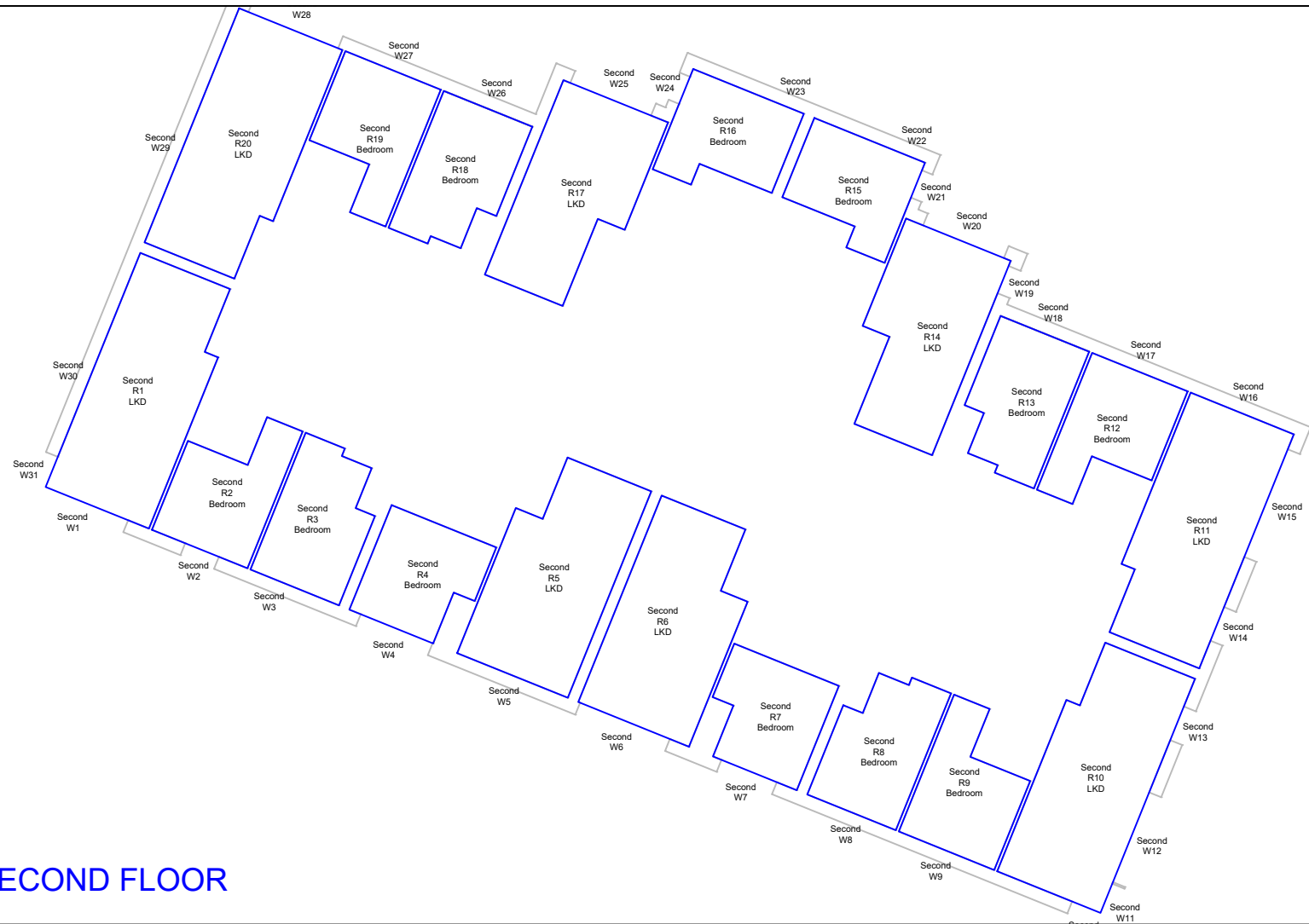
ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.

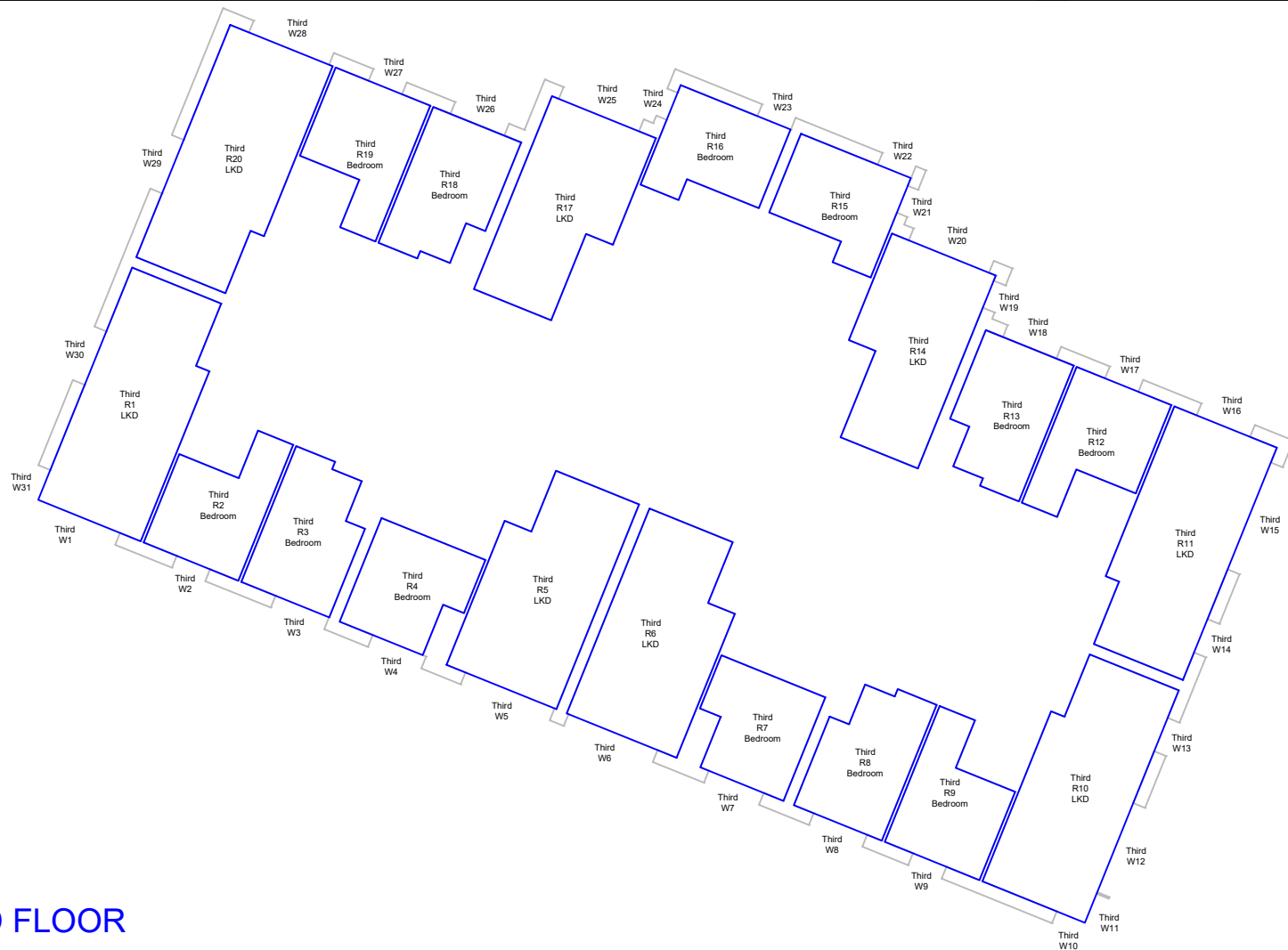


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| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TWELVE                 |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>52                                                        | Model Release:<br>06 |       |





BUILDING 12 - SECOND FLOOR



BUILDING 12 - THIRD FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

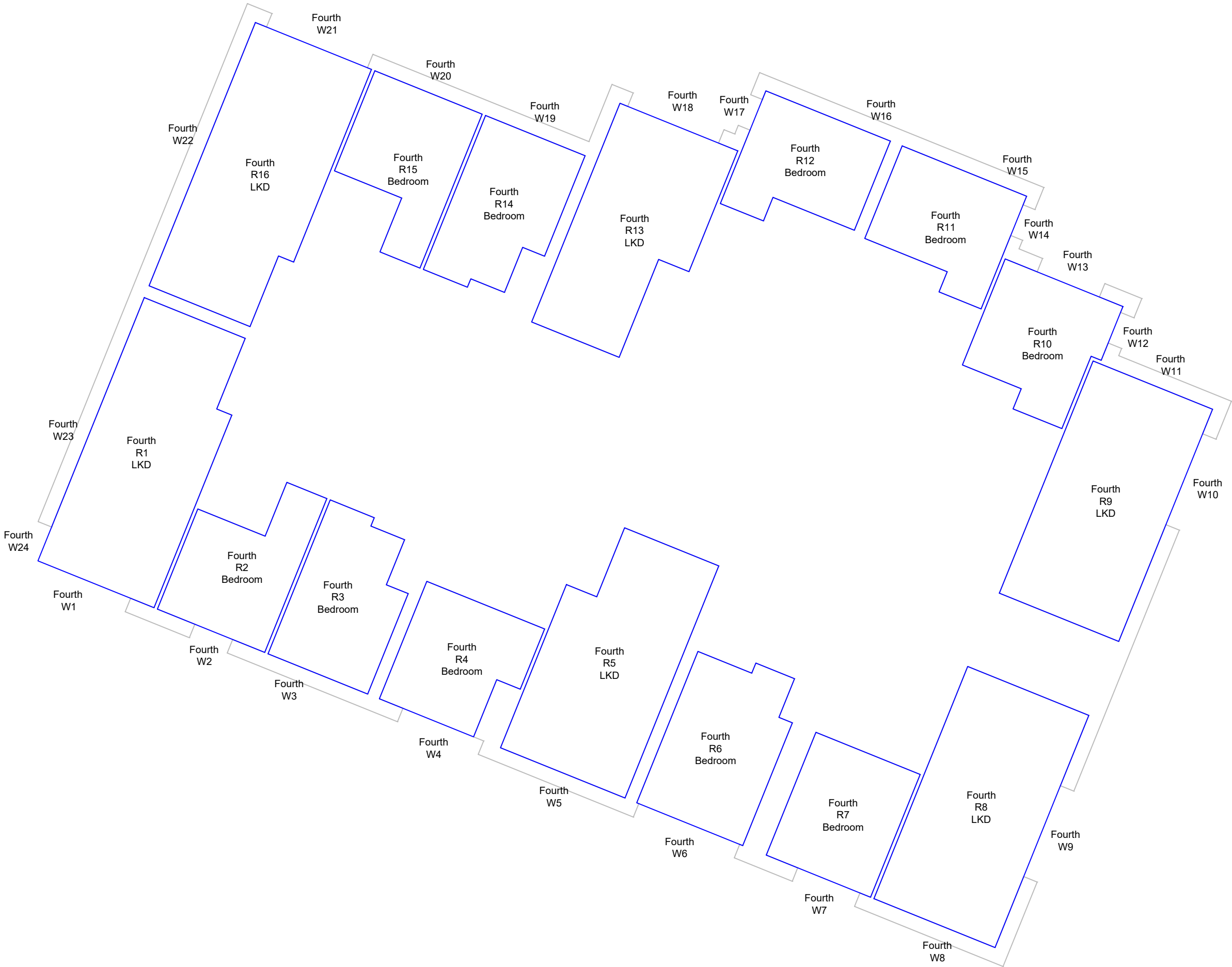
ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



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|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TWELVE                 |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>53                                                        | Model Release:<br>06 |       |



BUILDING 12 - FOURTH FLOOR

Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>PROPOSED SCHEME<br>MAY 2020<br>BUILDING TWELVE                 |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>54                                                        | Model Release:<br>06 |       |

## **Appendix B**

Date: 19/05/2020

**robinsons**  
Robinsons Surveyors Limited

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Building 1 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.61        | 80.11                    | 102.65            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 78.95                    | 102.65            | 0.91                        | 1.00                       | 2.73         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 1.22        | 83.57                    | 102.65            | 0.91                        | 0.15                       | 0.53         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.02        | 81.83                    | 102.65            | 0.91                        | 1.00                       | 5.65         |
|            |           |                |               |           | W37-L       | 0.68                | 0.92               | 1.84        | 85.59                    | 102.65            | 0.91                        | 0.15                       | 0.81         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 3.02        | 83.28                    | 102.65            | 0.91                        | 1.00                       | 8.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 1.22        | 83.47                    | 59.43             | 0.91                        | 0.15                       | 0.91         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 81.75                    | 59.43             | 0.91                        | 1.00                       | 9.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 10.66                      |              |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.61        | 79.28                    | 86.48             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 79.70                    | 86.48             | 0.91                        | 1.00                       | 3.27         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 1.84        | 83.67                    | 86.48             | 0.91                        | 0.15                       | 0.94         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 84.31                    | 86.48             | 0.91                        | 1.00                       | 10.36        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 14.86                      |              |
| First      | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 83.73                    | 105.51            | 0.91                        | 0.15                       | 0.77         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 81.93                    | 105.51            | 0.91                        | 1.00                       | 8.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.02                       |              |
| First      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 0.61        | 73.77                    | 59.44             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 73.20                    | 59.44             | 0.91                        | 1.00                       | 4.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.76                       |              |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.61        | 73.77                    | 61.38             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 73.21                    | 61.38             | 0.91                        | 1.00                       | 4.23         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.61        | 36.31                    | 61.38             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 30.65                    | 61.38             | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 6.58                       |              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

**robinsons**  
Robinsons Surveyors Limited

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| First      | R7        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 55.39                    | 103.15            | 0.91                        | 0.15                       | 0.52         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 44.32                    | 103.15            | 0.91                        | 1.00                       | 4.57         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.61        | 74.09                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 73.24                    | 103.15            | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 72.88                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 72.09                    | 103.15            | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |           | 10.54       |                     |                    |             |                          |                   |                             |                            |              |
| First      | R8        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 0.61        | 73.90                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.01        | 73.05                    | 103.15            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.61        | 72.45                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 71.68                    | 103.15            | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 38.89                    | 103.15            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 28.74                    | 103.15            | 0.91                        | 1.00                       | 2.96         |
|            |           |                |               |           | 8.76        |                     |                    |             |                          |                   |                             |                            |              |
| First      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.61        | 33.79                    | 61.37             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 27.89                    | 61.37             | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.61        | 43.96                    | 61.37             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 44.02                    | 61.37             | 0.91                        | 1.00                       | 2.54         |
| 4.56       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.61        | 39.88                    | 59.44             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 39.97                    | 59.44             | 0.91                        | 1.00                       | 2.38         |
| 2.60       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R11       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 1.84        | 54.13                    | 112.13            | 0.91                        | 0.15                       | 0.47         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 3.02        | 53.28                    | 112.13            | 0.91                        | 1.00                       | 5.05         |
| 5.52       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.61        | 63.04                    | 57.43             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 62.31                    | 57.43             | 0.91                        | 1.00                       | 3.84         |
| 4.20       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.61        | 67.75                    | 54.29             | 0.91                        | 0.15                       | 0.40         |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

**robinsons**  
Robinsons Surveyors Limited

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.01        | 66.95                    | 54.29             | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.77         |
| First      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22-L       | 0.68                | 0.92               | 0.61        | 70.09                    | 53.02             | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 69.29                    | 53.02             | 0.91                        | 1.00                       | 4.63         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.61        | 24.24                    | 53.02             | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.01        | 20.32                    | 53.02             | 0.91                        | 1.00                       | 1.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.56         |
| First      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.84        | 47.28                    | 105.38            | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 3.02        | 38.18                    | 105.38            | 0.91                        | 1.00                       | 3.85         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 50.51                    | 105.38            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 50.37                    | 105.38            | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.61        | 54.26                    | 105.38            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 54.02                    | 105.38            | 0.91                        | 1.00                       | 1.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.12         |
| First      | R16       | Floorplan-Dwg  | Residential   | LKD       | W27-L       | 0.68                | 0.92               | 0.61        | 54.94                    | 129.25            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 54.78                    | 129.25            | 0.91                        | 1.00                       | 1.50         |
|            |           |                |               |           | W28-L       | 0.68                | 0.92               | 0.61        | 58.54                    | 129.25            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.01        | 58.27                    | 129.25            | 0.91                        | 1.00                       | 1.60         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.61        | 57.90                    | 129.25            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 57.71                    | 129.25            | 0.91                        | 1.00                       | 1.58         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 1.84        | 85.61                    | 129.25            | 0.91                        | 0.15                       | 0.64         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 83.31                    | 129.25            | 0.91                        | 1.00                       | 6.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.60        |
| First      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.01        | 74.59                    | 66.31             | 0.91                        | 1.00                       | 3.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.99         |
| First      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.01        | 74.60                    | 54.80             | 0.91                        | 1.00                       | 4.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.82         |
| First      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33-L       | 0.68                | 0.92               | 1.84        | 85.65                    | 61.48             | 0.91                        | 0.15                       | 1.35         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 3.02        | 83.34                    | 61.48             | 0.91                        | 1.00                       | 14.41        |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.76        |
| First      | R20       | Floorplan-Dwg  | Residential   | LKD       | W34-L       | 0.68                | 0.92               | 1.84        | 85.65                    | 111.65            | 0.91                        | 0.15                       | 0.74         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 3.02        | 83.33                    | 111.65            | 0.91                        | 1.00                       | 7.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.68         |
| First      | R21       | Floorplan-Dwg  | Residential   | LKD       | W35-L       | 0.68                | 0.92               | 1.84        | 85.64                    | 111.65            | 0.91                        | 0.15                       | 0.74         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 3.02        | 83.32                    | 111.65            | 0.91                        | 1.00                       | 7.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.68         |
| First      | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36-L       | 0.68                | 0.92               | 1.22        | 83.44                    | 61.48             | 0.91                        | 0.15                       | 0.88         |
|            |           |                |               |           | W36-U       | 0.68                | 0.92               | 2.02        | 81.59                    | 61.48             | 0.91                        | 1.00                       | 9.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.28        |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.61        | 81.14                    | 102.65            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 79.90                    | 102.65            | 0.91                        | 1.00                       | 2.76         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 1.22        | 84.76                    | 102.65            | 0.91                        | 0.15                       | 0.53         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.02        | 82.90                    | 102.65            | 0.91                        | 1.00                       | 5.72         |
|            |           |                |               |           | W37-L       | 0.68                | 0.92               | 1.84        | 86.26                    | 102.65            | 0.91                        | 0.15                       | 0.81         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 3.02        | 83.87                    | 102.65            | 0.91                        | 1.00                       | 8.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 18.77        |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 1.22        | 84.71                    | 59.43             | 0.91                        | 0.15                       | 0.92         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 82.87                    | 59.43             | 0.91                        | 1.00                       | 9.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.80        |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.61        | 81.03                    | 86.48             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 79.83                    | 86.48             | 0.91                        | 1.00                       | 3.27         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 1.84        | 85.52                    | 86.48             | 0.91                        | 0.15                       | 0.96         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 83.50                    | 86.48             | 0.91                        | 1.00                       | 10.27        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.80        |
| Second     | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 85.55                    | 105.51            | 0.91                        | 0.15                       | 0.79         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 83.53                    | 105.51            | 0.91                        | 1.00                       | 8.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.20         |
| Second     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 0.61        | 75.23                    | 59.44             | 0.91                        | 0.15                       | 0.41         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed  |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|---------------|
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 74.51                    | 59.44             | 0.91                        | 1.00                       | 4.44<br>4.85  |
| Second     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.61        | 75.24                    | 61.38             | 0.91                        | 0.15                       | 0.40          |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 74.52                    | 61.38             | 0.91                        | 1.00                       | 4.30          |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.61        | 36.58                    | 61.38             | 0.91                        | 0.15                       | 0.19          |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 30.92                    | 61.38             | 0.91                        | 1.00                       | 1.79<br>6.68  |
| Second     | R7        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 56.49                    | 103.15            | 0.91                        | 0.15                       | 0.53          |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 45.34                    | 103.15            | 0.91                        | 1.00                       | 4.67          |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.61        | 74.81                    | 103.15            | 0.91                        | 0.15                       | 0.23          |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 73.90                    | 103.15            | 0.91                        | 1.00                       | 2.54          |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 73.72                    | 103.15            | 0.91                        | 0.15                       | 0.23          |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 72.88                    | 103.15            | 0.91                        | 1.00                       | 2.50<br>10.71 |
| Second     | R8        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 0.61        | 74.63                    | 103.15            | 0.91                        | 0.15                       | 0.23          |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.01        | 73.73                    | 103.15            | 0.91                        | 1.00                       | 2.53          |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.61        | 73.33                    | 103.15            | 0.91                        | 0.15                       | 0.23          |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 72.53                    | 103.15            | 0.91                        | 1.00                       | 2.49          |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 41.10                    | 103.15            | 0.91                        | 0.15                       | 0.39          |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 30.80                    | 103.15            | 0.91                        | 1.00                       | 3.17<br>9.05  |
| Second     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.61        | 34.38                    | 61.37             | 0.91                        | 0.15                       | 0.18          |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 28.56                    | 61.37             | 0.91                        | 1.00                       | 1.65          |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.61        | 46.43                    | 61.37             | 0.91                        | 0.15                       | 0.24          |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 46.57                    | 61.37             | 0.91                        | 1.00                       | 2.69<br>4.76  |
| Second     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.61        | 41.84                    | 59.44             | 0.91                        | 0.15                       | 0.23          |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 41.98                    | 59.44             | 0.91                        | 1.00                       | 2.50<br>2.73  |

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Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Second     | R11       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 1.84        | 55.16                    | 112.13            | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 3.02        | 54.33                    | 112.13            | 0.91                        | 1.00                       | 5.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.61        | 64.43                    | 57.43             | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 63.71                    | 57.43             | 0.91                        | 1.00                       | 3.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.61        | 69.38                    | 54.29             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.01        | 68.62                    | 54.29             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22-L       | 0.68                | 0.92               | 0.61        | 71.83                    | 53.02             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 71.07                    | 53.02             | 0.91                        | 1.00                       | 4.75         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.61        | 25.86                    | 53.02             | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.01        | 21.63                    | 53.02             | 0.91                        | 1.00                       | 1.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.84        | 47.77                    | 105.38            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 3.02        | 38.72                    | 105.38            | 0.91                        | 1.00                       | 3.91         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 52.81                    | 105.38            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 52.87                    | 105.38            | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.61        | 56.22                    | 105.38            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 56.14                    | 105.38            | 0.91                        | 1.00                       | 1.89         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 8.34                       |              |
| Second     | R16       | Floorplan-Dwg  | Residential   | LKD       | W27-L       | 0.68                | 0.92               | 0.61        | 57.10                    | 129.25            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 57.06                    | 129.25            | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           | W28-L       | 0.68                | 0.92               | 0.61        | 60.37                    | 129.25            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.01        | 60.17                    | 129.25            | 0.91                        | 1.00                       | 1.65         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.61        | 59.93                    | 129.25            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 59.79                    | 129.25            | 0.91                        | 1.00                       | 1.64         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 1.84        | 86.30                    | 129.25            | 0.91                        | 0.15                       | 0.65         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 83.90                    | 129.25            | 0.91                        | 1.00                       | 6.90         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.84        |
| Second     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.01        | 74.93                    | 66.31             | 0.91                        | 1.00                       | 4.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.00         |
| Second     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.01        | 74.94                    | 54.80             | 0.91                        | 1.00                       | 4.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.85         |
| Second     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33-L       | 0.68                | 0.92               | 1.84        | 86.31                    | 61.48             | 0.91                        | 0.15                       | 1.36         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 3.02        | 83.90                    | 61.48             | 0.91                        | 1.00                       | 14.51        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.87        |
| Second     | R20       | Floorplan-Dwg  | Residential   | LKD       | W34-L       | 0.68                | 0.92               | 1.84        | 86.30                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 3.02        | 83.91                    | 111.65            | 0.91                        | 1.00                       | 7.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.74         |
| Second     | R21       | Floorplan-Dwg  | Residential   | LKD       | W35-L       | 0.68                | 0.92               | 1.84        | 86.29                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 3.02        | 83.90                    | 111.65            | 0.91                        | 1.00                       | 7.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.74         |
| Second     | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36-L       | 0.68                | 0.92               | 1.22        | 84.04                    | 61.48             | 0.91                        | 0.15                       | 0.88         |
|            |           |                |               |           | W36-U       | 0.68                | 0.92               | 2.02        | 82.13                    | 61.48             | 0.91                        | 1.00                       | 9.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.35        |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.61        | 81.90                    | 102.65            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 80.48                    | 102.65            | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 1.22        | 85.63                    | 102.65            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.02        | 83.55                    | 102.65            | 0.91                        | 1.00                       | 5.77         |
|            |           |                |               |           | W37-L       | 0.68                | 0.92               | 1.84        | 86.75                    | 102.65            | 0.91                        | 0.15                       | 0.82         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 3.02        | 84.24                    | 102.65            | 0.91                        | 1.00                       | 8.72         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 18.89        |
| Third      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 1.22        | 85.63                    | 59.43             | 0.91                        | 0.15                       | 0.93         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 83.55                    | 59.43             | 0.91                        | 1.00                       | 9.96         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.89        |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.61        | 81.88                    | 86.48             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 80.48                    | 86.48             | 0.91                        | 1.00                       | 3.30         |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 1.84        | 86.67                    | 86.48             | 0.91                        | 0.15                       | 0.97         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 84.23                    | 86.48             | 0.91                        | 1.00                       | 10.36        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.93        |
| Third      | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 86.70                    | 105.51            | 0.91                        | 0.15                       | 0.80         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 84.24                    | 105.51            | 0.91                        | 1.00                       | 8.49         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.28         |
| Third      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 0.61        | 76.12                    | 59.44             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 75.09                    | 59.44             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.89         |
| Third      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.61        | 76.13                    | 61.38             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 75.10                    | 61.38             | 0.91                        | 1.00                       | 4.34         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.61        | 36.68                    | 61.38             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 30.95                    | 61.38             | 0.91                        | 1.00                       | 1.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.72         |
| Third      | R7        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 57.13                    | 103.15            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 45.78                    | 103.15            | 0.91                        | 1.00                       | 4.72         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.61        | 75.32                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 74.30                    | 103.15            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 74.42                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 73.50                    | 103.15            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.80        |
| Third      | R8        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 0.61        | 75.17                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.01        | 74.17                    | 103.15            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.61        | 74.11                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 73.23                    | 103.15            | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 43.47                    | 103.15            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 33.04                    | 103.15            | 0.91                        | 1.00                       | 3.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.34         |
| Third      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.61        | 34.94                    | 61.37             | 0.91                        | 0.15                       | 0.18         |

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 29.19                    | 61.37             | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.61        | 49.30                    | 61.37             | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 49.51                    | 61.37             | 0.91                        | 1.00                       | 2.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.99         |
| Third      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.61        | 44.07                    | 59.44             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 44.31                    | 59.44             | 0.91                        | 1.00                       | 2.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.88         |
| Third      | R11       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 1.84        | 56.38                    | 112.13            | 0.91                        | 0.15                       | 0.49         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 3.02        | 55.57                    | 112.13            | 0.91                        | 1.00                       | 5.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.76         |
| Third      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.61        | 66.15                    | 57.43             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 65.53                    | 57.43             | 0.91                        | 1.00                       | 4.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.42         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.61        | 71.24                    | 54.29             | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.01        | 70.54                    | 54.29             | 0.91                        | 1.00                       | 4.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.03         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22-L       | 0.68                | 0.92               | 0.61        | 73.73                    | 53.02             | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 72.96                    | 53.02             | 0.91                        | 1.00                       | 4.88         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.61        | 27.50                    | 53.02             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.01        | 23.23                    | 53.02             | 0.91                        | 1.00                       | 1.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.04         |
| Third      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.84        | 48.42                    | 105.38            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 3.02        | 39.21                    | 105.38            | 0.91                        | 1.00                       | 3.96         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 55.66                    | 105.38            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 55.96                    | 105.38            | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.61        | 58.63                    | 105.38            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 58.74                    | 105.38            | 0.91                        | 1.00                       | 1.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.61         |
| Third      | R16       | Floorplan-Dwg  | Residential   | LKD       | W27-L       | 0.68                | 0.92               | 0.61        | 59.57                    | 129.25            | 0.91                        | 0.15                       | 0.15         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 59.66                    | 129.25            | 0.91                        | 1.00                       | 1.64         |
|            |           |                |               |           | W28-L       | 0.68                | 0.92               | 0.61        | 62.38                    | 129.25            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.01        | 62.25                    | 129.25            | 0.91                        | 1.00                       | 1.71         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.61        | 62.09                    | 129.25            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 62.01                    | 129.25            | 0.91                        | 1.00                       | 1.70         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 1.84        | 86.76                    | 129.25            | 0.91                        | 0.15                       | 0.65         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 84.23                    | 129.25            | 0.91                        | 1.00                       | 6.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.08        |
| Third      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.01        | 75.12                    | 66.31             | 0.91                        | 1.00                       | 4.01         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.01         |
| Third      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.01        | 75.12                    | 54.80             | 0.91                        | 1.00                       | 4.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.86         |
| Third      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33-L       | 0.68                | 0.92               | 1.84        | 86.77                    | 61.48             | 0.91                        | 0.15                       | 1.37         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 3.02        | 84.24                    | 61.48             | 0.91                        | 1.00                       | 14.57        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.93        |
| Third      | R20       | Floorplan-Dwg  | Residential   | LKD       | W34-L       | 0.68                | 0.92               | 1.84        | 86.78                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 3.02        | 84.24                    | 111.65            | 0.91                        | 1.00                       | 8.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.77         |
| Third      | R21       | Floorplan-Dwg  | Residential   | LKD       | W35-L       | 0.68                | 0.92               | 1.84        | 86.77                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 3.02        | 84.24                    | 111.65            | 0.91                        | 1.00                       | 8.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.77         |
| Third      | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36-L       | 0.68                | 0.92               | 1.22        | 84.48                    | 61.48             | 0.91                        | 0.15                       | 0.89         |
|            |           |                |               |           | W36-U       | 0.68                | 0.92               | 2.02        | 82.47                    | 61.48             | 0.91                        | 1.00                       | 9.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.39        |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.61        | 82.18                    | 102.65            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 80.59                    | 102.65            | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 1.22        | 85.95                    | 102.65            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.02        | 83.67                    | 102.65            | 0.91                        | 1.00                       | 5.78         |
|            |           |                |               |           | W37-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 102.65            | 0.91                        | 0.15                       | 0.82         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 102.65            | 0.91                        | 1.00                       | 8.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 18.91        |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 1.22        | 85.95                    | 59.43             | 0.91                        | 0.15                       | 0.93         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 83.67                    | 59.43             | 0.91                        | 1.00                       | 9.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.91        |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.61        | 82.18                    | 86.48             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 80.59                    | 86.48             | 0.91                        | 1.00                       | 3.30         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 1.84        | 86.97                    | 86.48             | 0.91                        | 0.15                       | 0.97         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 84.35                    | 86.48             | 0.91                        | 1.00                       | 10.37        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.95        |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 86.97                    | 105.51            | 0.91                        | 0.15                       | 0.80         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 84.35                    | 105.51            | 0.91                        | 1.00                       | 8.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.30         |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 0.61        | 76.34                    | 59.44             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 75.18                    | 59.44             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.90         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.61        | 76.34                    | 61.38             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 75.18                    | 61.38             | 0.91                        | 1.00                       | 4.34         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.61        | 36.68                    | 61.38             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 30.95                    | 61.38             | 0.91                        | 1.00                       | 1.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.72         |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 57.28                    | 103.15            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 45.84                    | 103.15            | 0.91                        | 1.00                       | 4.72         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.61        | 75.67                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 74.64                    | 103.15            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 75.01                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 74.07                    | 103.15            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.84        |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 0.61        | 75.57                    | 103.15            | 0.91                        | 0.15                       | 0.24         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.01        | 74.55                    | 103.15            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.61        | 74.78                    | 103.15            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 73.87                    | 103.15            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 46.15                    | 103.15            | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 35.45                    | 103.15            | 0.91                        | 1.00                       | 3.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.66         |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.61        | 35.48                    | 61.37             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 29.80                    | 61.37             | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.61        | 52.71                    | 61.37             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 53.16                    | 61.37             | 0.91                        | 1.00                       | 3.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.25         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.61        | 46.87                    | 59.44             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 47.33                    | 59.44             | 0.91                        | 1.00                       | 2.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.08         |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 1.84        | 57.99                    | 112.13            | 0.91                        | 0.15                       | 0.50         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 3.02        | 57.34                    | 112.13            | 0.91                        | 1.00                       | 5.44         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.94         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.61        | 68.45                    | 57.43             | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 68.07                    | 57.43             | 0.91                        | 1.00                       | 4.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.59         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.61        | 73.46                    | 54.29             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.01        | 72.90                    | 54.29             | 0.91                        | 1.00                       | 4.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.20         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22-L       | 0.68                | 0.92               | 0.61        | 75.83                    | 53.02             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 75.11                    | 53.02             | 0.91                        | 1.00                       | 5.02         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.61        | 29.18                    | 53.02             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.01        | 25.08                    | 53.02             | 0.91                        | 1.00                       | 1.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.34         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.84        | 49.07                    | 105.38            | 0.91                        | 0.15                       | 0.45         |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 3.02        | 39.68                    | 105.38            | 0.91                        | 1.00                       | 4.00         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 58.90                    | 105.38            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 59.20                    | 105.38            | 0.91                        | 1.00                       | 1.99         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.61        | 61.31                    | 105.38            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 61.40                    | 105.38            | 0.91                        | 1.00                       | 2.06         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.88         |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | LKD       | W27-L       | 0.68                | 0.92               | 0.61        | 62.24                    | 129.25            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 62.29                    | 129.25            | 0.91                        | 1.00                       | 1.71         |
|            |           |                |               |           | W28-L       | 0.68                | 0.92               | 0.61        | 64.48                    | 129.25            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.01        | 64.31                    | 129.25            | 0.91                        | 1.00                       | 1.76         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.61        | 64.35                    | 129.25            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 64.25                    | 129.25            | 0.91                        | 1.00                       | 1.76         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 129.25            | 0.91                        | 0.15                       | 0.65         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 129.25            | 0.91                        | 1.00                       | 6.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.30        |
| Fourth     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.01        | 75.18                    | 66.31             | 0.91                        | 1.00                       | 4.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.02         |
| Fourth     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.01        | 75.18                    | 54.80             | 0.91                        | 1.00                       | 4.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.86         |
| Fourth     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 61.48             | 0.91                        | 0.15                       | 1.37         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 61.48             | 0.91                        | 1.00                       | 14.58        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.95        |
| Fourth     | R20       | Floorplan-Dwg  | Residential   | LKD       | W34-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 111.65            | 0.91                        | 1.00                       | 8.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.79         |
| Fourth     | R21       | Floorplan-Dwg  | Residential   | LKD       | W35-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 111.65            | 0.91                        | 1.00                       | 8.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.79         |
| Fourth     | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36-L       | 0.68                | 0.92               | 1.22        | 84.68                    | 61.48             | 0.91                        | 0.15                       | 0.89         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W36-U       | 0.68                | 0.92               | 2.02        | 82.57                    | 61.48             | 0.91                        | 1.00                       | 9.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.41        |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.61        | 82.18                    | 102.65            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 80.59                    | 102.65            | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 1.22        | 85.95                    | 102.65            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.02        | 83.67                    | 102.65            | 0.91                        | 1.00                       | 5.78         |
|            |           |                |               |           | W37-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 102.65            | 0.91                        | 0.15                       | 0.82         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 102.65            | 0.91                        | 1.00                       | 8.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 18.91        |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 1.22        | 85.95                    | 59.43             | 0.91                        | 0.15                       | 0.93         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 83.67                    | 59.43             | 0.91                        | 1.00                       | 9.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.91        |
| Fifth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.61        | 82.18                    | 86.48             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 80.59                    | 86.48             | 0.91                        | 1.00                       | 3.30         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 1.84        | 86.97                    | 86.48             | 0.91                        | 0.15                       | 0.97         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 84.35                    | 86.48             | 0.91                        | 1.00                       | 10.37        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.95        |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 86.97                    | 105.51            | 0.91                        | 0.15                       | 0.80         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 84.35                    | 105.51            | 0.91                        | 1.00                       | 8.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.30         |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 0.61        | 76.34                    | 59.44             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 75.18                    | 59.44             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.90         |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.61        | 76.34                    | 61.38             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 75.18                    | 61.38             | 0.91                        | 1.00                       | 4.34         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.61        | 36.68                    | 61.38             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 30.95                    | 61.38             | 0.91                        | 1.00                       | 1.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.72         |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 57.28                    | 103.15            | 0.91                        | 0.15                       | 0.54         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 45.84                    | 103.15            | 0.91                        | 1.00                       | 4.72         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.61        | 75.98                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 74.91                    | 103.15            | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 75.54                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 74.54                    | 103.15            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.87        |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 0.61        | 75.91                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.01        | 74.86                    | 103.15            | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.61        | 75.40                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 74.43                    | 103.15            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 49.02                    | 103.15            | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 38.15                    | 103.15            | 0.91                        | 1.00                       | 3.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.99         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.61        | 35.97                    | 61.37             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 30.32                    | 61.37             | 0.91                        | 1.00                       | 1.75         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.61        | 56.87                    | 61.37             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 57.60                    | 61.37             | 0.91                        | 1.00                       | 3.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.56         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.61        | 50.90                    | 59.44             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 51.75                    | 59.44             | 0.91                        | 1.00                       | 3.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.36         |
| Fifth      | R11       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 1.84        | 60.67                    | 112.13            | 0.91                        | 0.15                       | 0.52         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 3.02        | 60.60                    | 112.13            | 0.91                        | 1.00                       | 5.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.27         |
| Fifth      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.61        | 71.65                    | 57.43             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 71.62                    | 57.43             | 0.91                        | 1.00                       | 4.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.82         |
| Fifth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.61        | 76.19                    | 54.29             | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.01        | 75.72                    | 54.29             | 0.91                        | 1.00                       | 4.94         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.40         |
| Fifth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22-L       | 0.68                | 0.92               | 0.61        | 78.16                    | 53.02             | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 77.40                    | 53.02             | 0.91                        | 1.00                       | 5.17         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.61        | 31.53                    | 53.02             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.01        | 26.92                    | 53.02             | 0.91                        | 1.00                       | 1.80         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.64         |
| Fifth      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.84        | 49.71                    | 105.38            | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 3.02        | 40.19                    | 105.38            | 0.91                        | 1.00                       | 4.05         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 62.42                    | 105.38            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 62.88                    | 105.38            | 0.91                        | 1.00                       | 2.11         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.61        | 64.21                    | 105.38            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 64.43                    | 105.38            | 0.91                        | 1.00                       | 2.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.18         |
| Fifth      | R16       | Floorplan-Dwg  | Residential   | LKD       | W27-L       | 0.68                | 0.92               | 0.61        | 65.03                    | 129.25            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 65.17                    | 129.25            | 0.91                        | 1.00                       | 1.79         |
|            |           |                |               |           | W28-L       | 0.68                | 0.92               | 0.61        | 66.66                    | 129.25            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.01        | 66.56                    | 129.25            | 0.91                        | 1.00                       | 1.82         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.61        | 66.70                    | 129.25            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 66.63                    | 129.25            | 0.91                        | 1.00                       | 1.83         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 129.25            | 0.91                        | 0.15                       | 0.65         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 129.25            | 0.91                        | 1.00                       | 6.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.52        |
| Fifth      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.01        | 75.18                    | 66.31             | 0.91                        | 1.00                       | 4.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.02         |
| Fifth      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.01        | 75.18                    | 54.80             | 0.91                        | 1.00                       | 4.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.86         |
| Fifth      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 61.48             | 0.91                        | 0.15                       | 1.37         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 61.48             | 0.91                        | 1.00                       | 14.58        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.95        |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fifth      | R20       | Floorplan-Dwg  | Residential   | LKD       | W34-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 111.65            | 0.91                        | 1.00                       | 8.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fifth      | R21       | Floorplan-Dwg  | Residential   | LKD       | W35-L       | 0.68                | 0.92               | 1.84        | 86.97                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 111.65            | 0.91                        | 1.00                       | 8.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fifth      | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36-L       | 0.68                | 0.92               | 1.22        | 84.68                    | 61.48             | 0.91                        | 0.15                       | 0.89         |
|            |           |                |               |           | W36-U       | 0.68                | 0.92               | 2.02        | 82.57                    | 61.48             | 0.91                        | 1.00                       | 9.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.61        | 82.18                    | 102.65            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 80.59                    | 102.65            | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 1.22        | 85.95                    | 102.65            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.02        | 83.67                    | 102.65            | 0.91                        | 1.00                       | 5.78         |
|            |           |                |               |           | W37-L       | 0.68                | 0.92               | 1.84        | 86.51                    | 102.65            | 0.91                        | 0.15                       | 0.82         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 102.65            | 0.91                        | 1.00                       | 8.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 18.91                      |              |
| Sixth      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 1.22        | 85.95                    | 59.43             | 0.91                        | 0.15                       | 0.93         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 83.67                    | 59.43             | 0.91                        | 1.00                       | 9.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.61        | 82.18                    | 86.48             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 80.59                    | 86.48             | 0.91                        | 1.00                       | 3.30         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 1.84        | 86.51                    | 86.48             | 0.91                        | 0.15                       | 0.97         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 84.35                    | 86.48             | 0.91                        | 1.00                       | 10.37        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 14.95                      |              |
| Sixth      | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 86.51                    | 105.51            | 0.91                        | 0.15                       | 0.79         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 84.35                    | 105.51            | 0.91                        | 1.00                       | 8.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 0.61        | 76.18                    | 59.44             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 75.18                    | 59.44             | 0.91                        | 1.00                       | 4.48         |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.90         |
| Sixth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.61        | 76.18                    | 61.38             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 75.18                    | 61.38             | 0.91                        | 1.00                       | 4.34         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.61        | 34.31                    | 61.38             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 27.90                    | 61.38             | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.53         |
| Sixth      | R7        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 54.73                    | 103.15            | 0.91                        | 0.15                       | 0.51         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 44.22                    | 103.15            | 0.91                        | 1.00                       | 4.56         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.61        | 76.01                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 75.07                    | 103.15            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 75.75                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 74.87                    | 103.15            | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.70        |
| Sixth      | R8        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 0.61        | 75.98                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.01        | 75.05                    | 103.15            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.61        | 75.68                    | 103.15            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 74.82                    | 103.15            | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 49.30                    | 103.15            | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 39.49                    | 103.15            | 0.91                        | 1.00                       | 4.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.16        |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.61        | 33.95                    | 61.37             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 27.61                    | 61.37             | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.61        | 61.91                    | 61.37             | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 63.22                    | 61.37             | 0.91                        | 1.00                       | 3.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.75         |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.61        | 56.49                    | 59.44             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 58.05                    | 59.44             | 0.91                        | 1.00                       | 3.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.77         |
| Sixth      | R11       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 1.84        | 66.49                    | 112.13            | 0.91                        | 0.15                       | 0.57         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed  |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|---------------|
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 3.02        | 67.99                    | 112.13            | 0.91                        | 1.00                       | 6.45<br>7.02  |
| Sixth      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.61        | 75.79                    | 57.43             | 0.91                        | 0.15                       | 0.43          |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 76.22                    | 57.43             | 0.91                        | 1.00                       | 4.70<br>5.13  |
| Sixth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.61        | 79.03                    | 54.29             | 0.91                        | 0.15                       | 0.47          |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.01        | 78.73                    | 54.29             | 0.91                        | 1.00                       | 5.14<br>5.61  |
| Sixth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22-L       | 0.68                | 0.92               | 0.61        | 80.23                    | 53.02             | 0.91                        | 0.15                       | 0.49          |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 79.59                    | 53.02             | 0.91                        | 1.00                       | 5.32          |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.61        | 31.56                    | 53.02             | 0.91                        | 0.15                       | 0.19          |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.01        | 25.50                    | 53.02             | 0.91                        | 1.00                       | 1.70<br>7.70  |
| Sixth      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.84        | 48.20                    | 105.38            | 0.91                        | 0.15                       | 0.44          |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 3.02        | 39.36                    | 105.38            | 0.91                        | 1.00                       | 3.97          |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 66.21                    | 105.38            | 0.91                        | 0.15                       | 0.20          |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 66.90                    | 105.38            | 0.91                        | 1.00                       | 2.25          |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.61        | 67.31                    | 105.38            | 0.91                        | 0.15                       | 0.21          |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 67.74                    | 105.38            | 0.91                        | 1.00                       | 2.28<br>9.35  |
| Sixth      | R16       | Floorplan-Dwg  | Residential   | LKD       | W27-L       | 0.68                | 0.92               | 0.61        | 67.90                    | 129.25            | 0.91                        | 0.15                       | 0.17          |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 68.23                    | 129.25            | 0.91                        | 1.00                       | 1.87          |
|            |           |                |               |           | W28-L       | 0.68                | 0.92               | 0.61        | 68.88                    | 129.25            | 0.91                        | 0.15                       | 0.17          |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.01        | 68.97                    | 129.25            | 0.91                        | 1.00                       | 1.89          |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.61        | 68.98                    | 129.25            | 0.91                        | 0.15                       | 0.17          |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 69.08                    | 129.25            | 0.91                        | 1.00                       | 1.89          |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 1.84        | 86.51                    | 129.25            | 0.91                        | 0.15                       | 0.65          |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 129.25            | 0.91                        | 1.00                       | 6.94<br>13.75 |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Sixth      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.01        | 75.18                    | 66.31             | 0.91                        | 1.00                       | 4.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.02         |
| Sixth      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.01        | 75.18                    | 54.80             | 0.91                        | 1.00                       | 4.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.86         |
| Sixth      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33-L       | 0.68                | 0.92               | 1.84        | 86.51                    | 61.48             | 0.91                        | 0.15                       | 1.36         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 61.48             | 0.91                        | 1.00                       | 14.58        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.95        |
| Sixth      | R20       | Floorplan-Dwg  | Residential   | LKD       | W34-L       | 0.68                | 0.92               | 1.84        | 86.51                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 111.65            | 0.91                        | 1.00                       | 8.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.78         |
| Sixth      | R21       | Floorplan-Dwg  | Residential   | LKD       | W35-L       | 0.68                | 0.92               | 1.84        | 86.51                    | 111.65            | 0.91                        | 0.15                       | 0.75         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 3.02        | 84.35                    | 111.65            | 0.91                        | 1.00                       | 8.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.78         |
| Sixth      | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36-L       | 0.68                | 0.92               | 1.22        | 84.34                    | 61.48             | 0.91                        | 0.15                       | 0.89         |
|            |           |                |               |           | W36-U       | 0.68                | 0.92               | 2.02        | 82.57                    | 61.48             | 0.91                        | 1.00                       | 9.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.40        |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1-L        | 0.68                | 0.92               | 0.61        | 81.79                    | 48.49             | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 80.27                    | 48.49             | 0.91                        | 1.00                       | 5.87         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.61        | 75.32                    | 48.49             | 0.91                        | 0.15                       | 0.50         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.01        | 74.71                    | 48.49             | 0.91                        | 1.00                       | 5.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.37        |
| Seventh    | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 1.22        | 85.42                    | 53.01             | 0.91                        | 0.15                       | 1.04         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.02        | 83.32                    | 53.01             | 0.91                        | 1.00                       | 11.14        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.18        |
| Seventh    | R3        | Floorplan-Dwg  | Residential   | LKD       | W3-L        | 0.68                | 0.92               | 1.22        | 85.42                    | 92.53             | 0.91                        | 0.15                       | 0.60         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 83.32                    | 92.53             | 0.91                        | 1.00                       | 6.38         |
|            |           |                |               |           | W4-L        | 0.68                | 0.92               | 0.61        | 81.79                    | 92.53             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 80.27                    | 92.53             | 0.91                        | 1.00                       | 3.07         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.61        | 68.68                    | 92.53             | 0.91                        | 0.15                       | 0.24         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 68.35                    | 92.53             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.19        |
| Seventh    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6-L        | 0.68                | 0.92               | 0.61        | 70.37                    | 60.72             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.01        | 70.51                    | 60.72             | 0.91                        | 1.00                       | 4.11         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 0.61        | 75.06                    | 60.72             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 74.52                    | 60.72             | 0.91                        | 1.00                       | 4.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.24         |
| Seventh    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.61        | 75.36                    | 53.44             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 74.73                    | 53.44             | 0.91                        | 1.00                       | 4.96         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.41         |
| Seventh    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.61        | 75.36                    | 55.75             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 74.73                    | 55.75             | 0.91                        | 1.00                       | 4.75         |
|            |           |                |               |           | W10-L       | 0.68                | 0.92               | 0.61        | 75.60                    | 55.75             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 74.72                    | 55.75             | 0.91                        | 1.00                       | 4.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.37        |
| Seventh    | R7        | Floorplan-Dwg  | Residential   | LKD       | W11-L       | 0.68                | 0.92               | 1.84        | 86.88                    | 102.94            | 0.91                        | 0.15                       | 0.82         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 3.02        | 84.59                    | 102.94            | 0.91                        | 1.00                       | 8.74         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 68.18                    | 102.94            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 69.21                    | 102.94            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.61        | 64.09                    | 102.94            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.01        | 66.35                    | 102.94            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.63        |
| Seventh    | R8        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 1.84        | 72.34                    | 95.56             | 0.91                        | 0.15                       | 0.73         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 3.02        | 73.56                    | 95.56             | 0.91                        | 1.00                       | 8.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.92         |
| Seventh    | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.61        | 74.64                    | 60.19             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.01        | 74.44                    | 60.19             | 0.91                        | 1.00                       | 4.38         |
|            |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.61        | 74.89                    | 60.19             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 74.61                    | 60.19             | 0.91                        | 1.00                       | 4.39         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.58         |
| Seventh    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.61        | 74.83                    | 55.05             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 74.56                    | 55.05             | 0.91                        | 1.00                       | 4.80         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.24         |
| Seventh    | R11       | Floorplan-Dwg  | Residential   | LKD       | W18-L       | 0.68                | 0.92               | 1.84        | 81.15                    | 94.60             | 0.91                        | 0.15                       | 0.83         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 3.02        | 80.26                    | 94.60             | 0.91                        | 1.00                       | 9.02         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.61        | 71.11                    | 94.60             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 71.89                    | 94.60             | 0.91                        | 1.00                       | 2.69         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.61        | 71.38                    | 94.60             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 72.09                    | 94.60             | 0.91                        | 1.00                       | 2.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.73        |
| Seventh    | R12       | Floorplan-Dwg  | Residential   | LKD       | W21-L       | 0.68                | 0.92               | 0.61        | 71.64                    | 94.61             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.01        | 72.23                    | 94.61             | 0.91                        | 1.00                       | 2.71         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.61        | 71.78                    | 94.61             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 72.32                    | 94.61             | 0.91                        | 1.00                       | 2.71         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 1.84        | 82.07                    | 94.61             | 0.91                        | 0.15                       | 0.84         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 3.02        | 80.91                    | 94.61             | 0.91                        | 1.00                       | 9.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.84        |
| Seventh    | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24-L       | 0.68                | 0.92               | 0.61        | 75.01                    | 55.06             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.01        | 74.73                    | 55.06             | 0.91                        | 1.00                       | 4.81         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.25         |
| Seventh    | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25-L       | 0.68                | 0.92               | 0.61        | 75.01                    | 56.65             | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 74.73                    | 56.65             | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.61        | 75.01                    | 56.65             | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 74.73                    | 56.65             | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.20        |
| Seventh    | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W27-L       | 0.68                | 0.92               | 0.61        | 75.01                    | 47.05             | 0.91                        | 0.15                       | 0.51         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 74.73                    | 47.05             | 0.91                        | 1.00                       | 5.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.14         |





Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| First      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 0.68                | 0.92               | 1.02        | 78.04                    | 54.67             | 0.91                        | 1.00                       | 5.12         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.12         |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.02        | 78.07                    | 62.72             | 0.91                        | 1.00                       | 4.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.46         |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W14-L       | 0.68                | 0.92               | 0.62        | 80.78                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 79.52                    | 64.32             | 0.91                        | 1.00                       | 4.41         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.01        | 80.32                    | 64.32             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.26         |
| First      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 80.71                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 78.43                    | 64.32             | 0.91                        | 1.00                       | 4.34         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.01        | 80.14                    | 64.32             | 0.91                        | 1.00                       | 4.44         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.19         |
| First      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 77.51                    | 62.72             | 0.91                        | 1.00                       | 4.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.43         |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 0.68                | 0.92               | 1.02        | 76.89                    | 54.67             | 0.91                        | 1.00                       | 5.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.04         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 53.60                    | 127.18            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 53.94                    | 127.18            | 0.91                        | 1.00                       | 1.51         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.01        | 54.48                    | 127.18            | 0.91                        | 1.00                       | 1.53         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 54.53                    | 127.18            | 0.91                        | 1.00                       | 1.54         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 56.19                    | 127.18            | 0.91                        | 1.00                       | 1.58         |
|            |           |                |               |           | W35-L       | 0.68                | 0.92               | 1.22        | 81.63                    | 127.18            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 2.02        | 78.74                    | 127.18            | 0.91                        | 1.00                       | 4.39         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 78.12                    | 127.18            | 0.91                        | 1.00                       | 2.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.30        |
| Second     | R2        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 58.07                    | 98.34             | 0.91                        | 1.00                       | 2.12         |
|            |           |                |               |           | W6-L        | 0.68                | 0.92               | 0.62        | 61.29                    | 98.34             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.01        | 61.67                    | 98.34             | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.01        | 62.29                    | 98.34             | 0.91                        | 1.00                       | 2.26         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |       |       |      |       |      |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|-------|-------|------|-------|------|
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 60.75                    | 98.34             | 0.91                        | 0.15                       | 0.20         |       |       |      |       |      |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 49.48                    | 98.34             | 0.91                        | 1.00                       | 1.79         |       |       |      |       |      |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 44.31                    | 98.34             | 0.91                        | 1.00                       | 1.61         |       |       |      |       |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |       |       |      | 10.41 |      |
|            |           |                |               |           | Second      | R3                  | Floorplan-Dwg      | Residential | Bedroom                  | W10-L             | 0.68                        | 0.92                       | 0.62         | 56.40 | 61.19 | 0.91 | 0.15  | 0.30 |
|            |           |                |               |           |             |                     |                    |             |                          | W10-U             | 0.68                        | 0.92                       | 1.01         | 42.04 | 61.19 | 0.91 | 1.00  | 2.45 |
|            |           |                |               |           |             |                     |                    |             |                          | W11               | 0.68                        | 0.92                       | 1.01         | 47.23 | 61.19 | 0.91 | 1.00  | 2.75 |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |       |       |      | 5.50  |      |
|            |           |                |               |           | Second      | R4                  | Floorplan-Dwg      | Residential | Bedroom                  | W12-L             | 0.68                        | 0.92                       | 0.62         | 54.79 | 57.06 | 0.91 | 0.15  | 0.31 |
| W12-U      | 0.68      | 0.92           | 1.01          | 45.00     |             |                     |                    |             |                          | 57.06             | 0.91                        | 1.00                       | 2.81         |       |       |      |       |      |
| W13        | 0.68      | 0.92           | 1.01          | 39.06     |             |                     |                    |             |                          | 57.06             | 0.91                        | 1.00                       | 2.44         |       |       |      |       |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 5.56                       |              |       |       |      |       |      |
| Second     | R5        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.62        | 47.91                    | 100.37            | 0.91                        | 0.15                       | 0.15         |       |       |      |       |      |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 36.25                    | 100.37            | 0.91                        | 1.00                       | 1.29         |       |       |      |       |      |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.01        | 41.70                    | 100.37            | 0.91                        | 1.00                       | 1.48         |       |       |      |       |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 2.92                       |              |       |       |      |       |      |
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 0.62        | 48.51                    | 100.37            | 0.91                        | 0.15                       | 0.16         |       |       |      |       |      |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 39.75                    | 100.37            | 0.91                        | 1.00                       | 1.41         |       |       |      |       |      |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.01        | 34.03                    | 100.37            | 0.91                        | 1.00                       | 1.21         |       |       |      |       |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 2.78                       |              |       |       |      |       |      |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.62        | 45.89                    | 57.06             | 0.91                        | 0.15                       | 0.26         |       |       |      |       |      |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 31.72                    | 57.06             | 0.91                        | 1.00                       | 1.98         |       |       |      |       |      |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.01        | 38.21                    | 57.06             | 0.91                        | 1.00                       | 2.39         |       |       |      |       |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.63                       |              |       |       |      |       |      |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.62        | 46.69                    | 61.19             | 0.91                        | 0.15                       | 0.25         |       |       |      |       |      |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 36.79                    | 61.19             | 0.91                        | 1.00                       | 2.14         |       |       |      |       |      |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 30.61                    | 61.19             | 0.91                        | 1.00                       | 1.78         |       |       |      |       |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.17                       |              |       |       |      |       |      |
| Second     | R9        | Floorplan-Dwg  | Residential   | LKD       | W22-L       | 0.68                | 0.92               | 0.62        | 37.51                    | 98.34             | 0.91                        | 0.15                       | 0.12         |       |       |      |       |      |

Project Name: Hillingdon Gateway

Project No.: Release 06

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 23.89                    | 98.34             | 0.91                        | 1.00                       | 0.87         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.01        | 24.09                    | 98.34             | 0.91                        | 1.00                       | 0.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.86         |
| Second     | R10       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 53.31                    | 127.18            | 0.91                        | 1.00                       | 1.50         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 1.22        | 86.37                    | 127.18            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 2.02        | 83.14                    | 127.18            | 0.91                        | 1.00                       | 4.63         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 80.84                    | 127.18            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.85         |
| Second     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 78.88                    | 54.67             | 0.91                        | 1.00                       | 5.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.17         |
| Second     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 78.88                    | 62.72             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.51         |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.61        | 81.65                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 80.42                    | 64.32             | 0.91                        | 1.00                       | 4.44         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 81.19                    | 64.32             | 0.91                        | 1.00                       | 4.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.37         |
| Second     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31-L       | 0.68                | 0.92               | 0.62        | 81.60                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.01        | 79.41                    | 64.32             | 0.91                        | 1.00                       | 4.40         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 80.99                    | 64.32             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.32         |
| Second     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 78.33                    | 62.72             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.48         |
| Second     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 0.68                | 0.92               | 1.02        | 77.77                    | 54.67             | 0.91                        | 1.00                       | 5.10         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.10         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 56.37                    | 127.18            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 56.94                    | 127.18            | 0.91                        | 1.00                       | 1.60         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.01        | 57.49                    | 127.18            | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 57.52                    | 127.18            | 0.91                        | 1.00                       | 1.62         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 59.19                    | 127.18            | 0.91                        | 1.00                       | 1.67         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W35-L       | 0.68                | 0.92               | 1.22        | 82.63                    | 127.18            | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 2.02        | 79.56                    | 127.18            | 0.91                        | 1.00                       | 4.43         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 78.84                    | 127.18            | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.71        |
| Third      | R2        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 60.97                    | 98.34             | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           | W6-L        | 0.68                | 0.92               | 0.62        | 64.05                    | 98.34             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.01        | 64.48                    | 98.34             | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.01        | 65.04                    | 98.34             | 0.91                        | 1.00                       | 2.36         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 62.96                    | 98.34             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 51.71                    | 98.34             | 0.91                        | 1.00                       | 1.87         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 46.60                    | 98.34             | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.90        |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 58.80                    | 61.19             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 44.63                    | 61.19             | 0.91                        | 1.00                       | 2.60         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.01        | 49.74                    | 61.19             | 0.91                        | 1.00                       | 2.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.81         |
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 59.44                    | 57.06             | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 48.34                    | 57.06             | 0.91                        | 1.00                       | 3.02         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.01        | 43.04                    | 57.06             | 0.91                        | 1.00                       | 2.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.04         |
| Third      | R5        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.62        | 55.46                    | 100.37            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 41.30                    | 100.37            | 0.91                        | 1.00                       | 1.47         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.01        | 46.46                    | 100.37            | 0.91                        | 1.00                       | 1.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.29         |
| Third      | R6        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 0.62        | 55.81                    | 100.37            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 44.81                    | 100.37            | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.01        | 39.52                    | 100.37            | 0.91                        | 1.00                       | 1.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.17         |
| Third      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.62        | 51.97                    | 57.06             | 0.91                        | 0.15                       | 0.30         |

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 37.22                    | 57.06             | 0.91                        | 1.00                       | 2.32         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.01        | 43.21                    | 57.06             | 0.91                        | 1.00                       | 2.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.32         |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.62        | 51.74                    | 61.19             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 41.57                    | 61.19             | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 35.85                    | 61.19             | 0.91                        | 1.00                       | 2.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.78         |
| Third      | R9        | Floorplan-Dwg  | Residential   | LKD       | W22-L       | 0.68                | 0.92               | 0.62        | 41.84                    | 98.34             | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 29.09                    | 98.34             | 0.91                        | 1.00                       | 1.05         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.01        | 28.81                    | 98.34             | 0.91                        | 1.00                       | 1.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.24         |
| Third      | R10       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 54.22                    | 127.18            | 0.91                        | 1.00                       | 1.53         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 1.22        | 86.98                    | 127.18            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 2.02        | 83.57                    | 127.18            | 0.91                        | 1.00                       | 4.66         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 81.29                    | 127.18            | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.92         |
| Third      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 79.21                    | 54.67             | 0.91                        | 1.00                       | 5.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.19         |
| Third      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 79.21                    | 62.72             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.61        | 82.20                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 80.99                    | 64.32             | 0.91                        | 1.00                       | 4.46         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 81.52                    | 64.32             | 0.91                        | 1.00                       | 4.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.41         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31-L       | 0.68                | 0.92               | 0.61        | 82.13                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.01        | 80.08                    | 64.32             | 0.91                        | 1.00                       | 4.41         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 81.34                    | 64.32             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.35         |
| Third      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 78.73                    | 62.72             | 0.91                        | 1.00                       | 4.50         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.50         |
| Third      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 0.68                | 0.92               | 1.02        | 78.26                    | 54.67             | 0.91                        | 1.00                       | 5.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.13         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 59.95                    | 127.18            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 60.90                    | 127.18            | 0.91                        | 1.00                       | 1.71         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.01        | 61.42                    | 127.18            | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 61.25                    | 127.18            | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 62.80                    | 127.18            | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           | W35-L       | 0.68                | 0.92               | 1.22        | 83.61                    | 127.18            | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 2.02        | 80.42                    | 127.18            | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 79.55                    | 127.18            | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.22        |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 64.30                    | 98.34             | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           | W6-L        | 0.68                | 0.92               | 0.62        | 67.07                    | 98.34             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.01        | 67.63                    | 98.34             | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.01        | 68.13                    | 98.34             | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 65.20                    | 98.34             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 53.92                    | 98.34             | 0.91                        | 1.00                       | 1.95         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 48.85                    | 98.34             | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.42        |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 61.26                    | 61.19             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 47.20                    | 61.19             | 0.91                        | 1.00                       | 2.75         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.01        | 52.25                    | 61.19             | 0.91                        | 1.00                       | 3.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.12         |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 62.30                    | 57.06             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 51.19                    | 57.06             | 0.91                        | 1.00                       | 3.20         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.01        | 46.02                    | 57.06             | 0.91                        | 1.00                       | 2.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.43         |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.62        | 58.68                    | 100.37            | 0.91                        | 0.15                       | 0.19         |



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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 44.78                    | 100.37            | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.01        | 49.86                    | 100.37            | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.55         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 0.62        | 59.52                    | 100.37            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 48.61                    | 100.37            | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.01        | 43.57                    | 100.37            | 0.91                        | 1.00                       | 1.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.47         |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.62        | 55.99                    | 57.06             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 41.72                    | 57.06             | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.01        | 47.51                    | 57.06             | 0.91                        | 1.00                       | 2.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.89         |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.62        | 55.90                    | 61.19             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 45.90                    | 61.19             | 0.91                        | 1.00                       | 2.67         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 40.49                    | 61.19             | 0.91                        | 1.00                       | 2.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.33         |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W22-L       | 0.68                | 0.92               | 0.62        | 45.57                    | 98.34             | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 33.68                    | 98.34             | 0.91                        | 1.00                       | 1.22         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.01        | 32.95                    | 98.34             | 0.91                        | 1.00                       | 1.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.56         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 55.49                    | 127.18            | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 1.22        | 87.29                    | 127.18            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 2.02        | 83.77                    | 127.18            | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 81.52                    | 127.18            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.97         |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 79.35                    | 54.67             | 0.91                        | 1.00                       | 5.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.20         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 79.35                    | 62.72             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.61        | 82.32                    | 64.32             | 0.91                        | 0.15                       | 0.41         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 81.26                    | 64.32             | 0.91                        | 1.00                       | 4.49         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 81.66                    | 64.32             | 0.91                        | 1.00                       | 4.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.46         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31-L       | 0.68                | 0.92               | 0.61        | 82.26                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.01        | 80.50                    | 64.32             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 81.52                    | 64.32             | 0.91                        | 1.00                       | 4.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.41         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 78.99                    | 62.72             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.51         |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 0.68                | 0.92               | 1.02        | 78.62                    | 54.67             | 0.91                        | 1.00                       | 5.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.15         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 64.63                    | 127.18            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 65.90                    | 127.18            | 0.91                        | 1.00                       | 1.85         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.01        | 66.30                    | 127.18            | 0.91                        | 1.00                       | 1.86         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 65.71                    | 127.18            | 0.91                        | 1.00                       | 1.85         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 66.88                    | 127.18            | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           | W35-L       | 0.68                | 0.92               | 1.22        | 84.61                    | 127.18            | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 2.02        | 81.33                    | 127.18            | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 80.25                    | 127.18            | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.83        |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 68.08                    | 98.34             | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |           | W6-L        | 0.68                | 0.92               | 0.62        | 70.53                    | 98.34             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.01        | 71.18                    | 98.34             | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.01        | 71.57                    | 98.34             | 0.91                        | 1.00                       | 2.59         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 67.41                    | 98.34             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 56.00                    | 98.34             | 0.91                        | 1.00                       | 2.03         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 50.97                    | 98.34             | 0.91                        | 1.00                       | 1.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.98        |
| Fifth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 64.16                    | 61.19             | 0.91                        | 0.15                       | 0.34         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 49.79                    | 61.19             | 0.91                        | 1.00                       | 2.90         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.01        | 54.88                    | 61.19             | 0.91                        | 1.00                       | 3.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.44         |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 65.31                    | 57.06             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 54.17                    | 57.06             | 0.91                        | 1.00                       | 3.38         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.01        | 49.06                    | 57.06             | 0.91                        | 1.00                       | 3.06         |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | LKD       |             |                     |                    |             |                          |                   |                             |                            | 6.82         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 62.38                    | 100.37            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 48.28                    | 100.37            | 0.91                        | 1.00                       | 1.71         |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W15         | 0.68                | 0.92               | 1.01        | 53.39                    | 100.37            | 0.91                        | 1.00                       | 1.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.81         |
|            |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.62        | 63.43                    | 100.37            | 0.91                        | 0.15                       | 0.21         |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W16-U       | 0.68                | 0.92               | 1.01        | 52.53                    | 100.37            | 0.91                        | 1.00                       | 1.86         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.01        | 47.58                    | 100.37            | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.76         |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.62        | 60.60                    | 57.06             | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 46.07                    | 57.06             | 0.91                        | 1.00                       | 2.88         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.01        | 51.90                    | 57.06             | 0.91                        | 1.00                       | 3.24         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | Bedroom   |             |                     |                    |             |                          |                   |                             |                            | 6.46         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 60.32                    | 61.19             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 50.34                    | 61.19             | 0.91                        | 1.00                       | 2.93         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | LKD       | W21         | 0.68                | 0.92               | 1.01        | 45.05                    | 61.19             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.87         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 49.31                    | 98.34             | 0.91                        | 0.15                       | 0.16         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W22-U       | 0.68                | 0.92               | 1.01        | 37.95                    | 98.34             | 0.91                        | 1.00                       | 1.37         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.01        | 36.80                    | 98.34             | 0.91                        | 1.00                       | 1.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.87         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 57.49                    | 127.18            | 0.91                        | 1.00                       | 1.62         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 1.22        | 87.35                    | 127.18            | 0.91                        | 0.15                       | 0.44         |

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Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 2.02        | 83.80                    | 127.18            | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 81.59                    | 127.18            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.03         |
| Fifth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 79.35                    | 54.67             | 0.91                        | 1.00                       | 5.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.20         |
| Fifth      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 79.35                    | 62.72             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Fifth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.61        | 82.42                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 81.39                    | 64.32             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 81.66                    | 64.32             | 0.91                        | 1.00                       | 4.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.45         |
| Fifth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31-L       | 0.68                | 0.92               | 0.61        | 82.38                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.01        | 80.87                    | 64.32             | 0.91                        | 1.00                       | 4.46         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 81.57                    | 64.32             | 0.91                        | 1.00                       | 4.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.41         |
| Fifth      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 79.13                    | 62.72             | 0.91                        | 1.00                       | 4.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.52         |
| Fifth      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 0.68                | 0.92               | 1.02        | 78.90                    | 54.67             | 0.91                        | 1.00                       | 5.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.17         |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 70.12                    | 127.18            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 71.55                    | 127.18            | 0.91                        | 1.00                       | 2.00         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.01        | 71.76                    | 127.18            | 0.91                        | 1.00                       | 2.01         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 70.44                    | 127.18            | 0.91                        | 1.00                       | 1.98         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 71.19                    | 127.18            | 0.91                        | 1.00                       | 2.01         |
|            |           |                |               |           | W35-L       | 0.68                | 0.92               | 1.22        | 85.67                    | 127.18            | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 2.02        | 82.35                    | 127.18            | 0.91                        | 1.00                       | 4.59         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 80.98                    | 127.18            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.49        |
| Sixth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 72.03                    | 98.34             | 0.91                        | 1.00                       | 2.62         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W6-L        | 0.68                | 0.92               | 0.62        | 74.20                    | 98.34             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.01        | 74.85                    | 98.34             | 0.91                        | 1.00                       | 2.71         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.01        | 75.08                    | 98.34             | 0.91                        | 1.00                       | 2.72         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 79.97                    | 98.34             | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 79.78                    | 98.34             | 0.91                        | 1.00                       | 2.89         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 79.80                    | 98.34             | 0.91                        | 1.00                       | 2.89         |
|            |           |                |               |           | 14.35       |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 79.28                    | 61.19             | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 79.45                    | 61.19             | 0.91                        | 1.00                       | 4.63         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.01        | 79.49                    | 61.19             | 0.91                        | 1.00                       | 4.63         |
| 9.68       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 78.80                    | 57.06             | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 79.05                    | 57.06             | 0.91                        | 1.00                       | 4.94         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.01        | 79.12                    | 57.06             | 0.91                        | 1.00                       | 4.94         |
| 10.33      |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R5        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.62        | 78.22                    | 100.37            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 78.53                    | 100.37            | 0.91                        | 1.00                       | 2.79         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.01        | 78.72                    | 100.37            | 0.91                        | 1.00                       | 2.79         |
| 5.84       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 0.62        | 77.65                    | 100.37            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.01        | 77.81                    | 100.37            | 0.91                        | 1.00                       | 2.76         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.01        | 78.28                    | 100.37            | 0.91                        | 1.00                       | 2.78         |
| 5.79       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.62        | 77.04                    | 57.06             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.01        | 76.67                    | 57.06             | 0.91                        | 1.00                       | 4.79         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.01        | 77.67                    | 57.06             | 0.91                        | 1.00                       | 4.85         |
| 10.08      |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.62        | 74.28                    | 61.19             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 73.89                    | 61.19             | 0.91                        | 1.00                       | 4.30         |

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 74.43                    | 61.19             | 0.91                        | 1.00                       | 4.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.03         |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W22-L       | 0.68                | 0.92               | 0.62        | 63.96                    | 98.34             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 64.38                    | 98.34             | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.01        | 61.87                    | 98.34             | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.79         |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 60.98                    | 127.18            | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 1.22        | 86.99                    | 127.18            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 2.02        | 83.83                    | 127.18            | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 81.65                    | 127.18            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.13         |
| Sixth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 79.35                    | 54.67             | 0.91                        | 1.00                       | 5.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.20         |
| Sixth      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 79.35                    | 62.72             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Sixth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.61        | 82.08                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 81.52                    | 64.32             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 81.66                    | 64.32             | 0.91                        | 1.00                       | 4.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.46         |
| Sixth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31-L       | 0.68                | 0.92               | 0.62        | 82.06                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.01        | 81.21                    | 64.32             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 81.63                    | 64.32             | 0.91                        | 1.00                       | 4.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.46         |
| Sixth      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 79.27                    | 62.72             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Sixth      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 0.68                | 0.92               | 1.02        | 79.17                    | 54.67             | 0.91                        | 1.00                       | 5.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.19         |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 69.09                    | 99.99             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.01        | 71.55                    | 99.99             | 0.91                        | 1.00                       | 2.55         |



| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.01        | 78.12                    | 99.99             | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.21        | 83.64                    | 99.99             | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.21        | 83.64                    | 99.99             | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.70        |
| Seventh    | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.01        | 78.24                    | 68.35             | 0.91                        | 1.00                       | 4.08         |
|            |           |                |               |           | W4-L        | 0.68                | 0.92               | 0.62        | 69.99                    | 68.35             | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.01        | 71.70                    | 68.35             | 0.91                        | 1.00                       | 3.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.15         |
| Seventh    | R3        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 70.20                    | 102.18            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 71.89                    | 102.18            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.01        | 78.60                    | 102.18            | 0.91                        | 1.00                       | 2.74         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.01        | 78.77                    | 102.18            | 0.91                        | 1.00                       | 2.75         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 69.78                    | 102.18            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 72.17                    | 102.18            | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.07        | 82.46                    | 102.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.03        | 77.08                    | 102.18            | 0.91                        | 1.00                       | 5.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 16.36        |
| Seventh    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.07        | 82.30                    | 57.90             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 2.03        | 77.00                    | 57.90             | 0.91                        | 1.00                       | 9.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.53         |
| Seventh    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11-L       | 0.68                | 0.92               | 0.07        | 82.16                    | 56.48             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 2.03        | 76.94                    | 56.48             | 0.91                        | 1.00                       | 9.71         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.76         |
| Seventh    | R6        | Floorplan-Dwg  | Residential   | LKD       | W12-L       | 0.68                | 0.92               | 0.07        | 81.98                    | 103.04            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 2.03        | 76.85                    | 103.04            | 0.91                        | 1.00                       | 5.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.35         |
| Seventh    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13-L       | 0.68                | 0.92               | 0.07        | 81.61                    | 61.19             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.03        | 76.63                    | 61.19             | 0.91                        | 1.00                       | 8.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.98         |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.01        | 45.11                    | 66.83             | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.62        | 44.69                    | 66.83             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 45.41                    | 66.83             | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.04         |
| First      | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.23        | 44.43                    | 97.64             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 39.41                    | 97.64             | 0.91                        | 1.00                       | 2.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.17         |
| First      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 0.62        | 47.87                    | 56.45             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.01        | 49.00                    | 56.45             | 0.91                        | 1.00                       | 3.09         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.01        | 49.71                    | 56.45             | 0.91                        | 1.00                       | 3.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.51         |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.01        | 51.49                    | 66.83             | 0.91                        | 1.00                       | 2.75         |
|            |           |                |               |           | W10-L       | 0.68                | 0.92               | 0.62        | 52.56                    | 66.83             | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 53.33                    | 66.83             | 0.91                        | 1.00                       | 2.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.84         |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.01        | 46.95                    | 54.72             | 0.91                        | 1.00                       | 3.06         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.62        | 50.35                    | 54.72             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 45.68                    | 54.72             | 0.91                        | 1.00                       | 2.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.33         |
| First      | R8        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 1.23        | 53.54                    | 102.18            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.03        | 47.98                    | 102.18            | 0.91                        | 1.00                       | 3.35         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 39.77                    | 102.18            | 0.91                        | 1.00                       | 1.39         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 0.61        | 39.64                    | 102.18            | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.01        | 39.24                    | 102.18            | 0.91                        | 1.00                       | 1.36         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 38.76                    | 102.18            | 0.91                        | 1.00                       | 1.36         |
|            |           |                |               |           |             |                     |                    | 7.93        |                          |                   |                             |                            |              |
| First      | R9        | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 41.59                    | 127.18            | 0.91                        | 1.00                       | 1.17         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 45.76                    | 127.18            | 0.91                        | 1.00                       | 1.29         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 52.54                    | 127.18            | 0.91                        | 1.00                       | 1.48         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.61        | 53.32                    | 127.18            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 52.96                    | 127.18            | 0.91                        | 1.00                       | 1.48         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 79.61                    | 127.18            | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 1.22        | 83.25                    | 127.18            | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 2.02        | 81.81                    | 127.18            | 0.91                        | 1.00                       | 4.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.78        |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 77.65                    | 54.67             | 0.91                        | 1.00                       | 5.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.09         |
| First      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 77.68                    | 62.72             | 0.91                        | 1.00                       | 4.44         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.44         |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25-L       | 0.68                | 0.92               | 0.62        | 79.39                    | 64.32             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 79.58                    | 64.32             | 0.91                        | 1.00                       | 4.41         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.01        | 79.92                    | 64.32             | 0.91                        | 1.00                       | 4.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.24         |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.01        | 77.97                    | 64.32             | 0.91                        | 1.00                       | 4.32         |
|            |           |                |               |           | W28-L       | 0.68                | 0.92               | 0.62        | 79.85                    | 64.32             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.01        | 79.73                    | 64.32             | 0.91                        | 1.00                       | 4.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.14         |
| First      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 75.74                    | 62.71             | 0.91                        | 1.00                       | 4.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.33         |
| First      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 0.68                | 0.92               | 1.02        | 72.13                    | 54.67             | 0.91                        | 1.00                       | 4.73         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.73         |
| First      | R16       | Floorplan-Dwg  | Residential   | LKD       | W31-L       | 0.68                | 0.92               | 1.22        | 65.67                    | 127.18            | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.02        | 64.49                    | 127.18            | 0.91                        | 1.00                       | 3.59         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 57.21                    | 127.18            | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.54         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.23        | 43.44                    | 102.18            | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 27.62                    | 102.18            | 0.91                        | 1.00                       | 1.93         |
|            |           |                |               |           | W34         | 0.68                | 0.92               | 1.02        | 48.67                    | 102.18            | 0.91                        | 1.00                       | 1.71         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.91         |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.01        | 23.67                    | 54.72             | 0.91                        | 1.00                       | 1.54         |
|            |           |                |               |           | W3-L        | 0.68                | 0.92               | 0.62        | 42.83                    | 54.72             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 31.46                    | 54.72             | 0.91                        | 1.00                       | 2.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.84         |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.01        | 51.23                    | 66.83             | 0.91                        | 1.00                       | 2.73         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.62        | 50.94                    | 66.83             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 51.68                    | 66.83             | 0.91                        | 1.00                       | 2.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.73         |
| Second     | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.23        | 45.30                    | 102.18            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 29.77                    | 102.18            | 0.91                        | 1.00                       | 2.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.36         |
| Second     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 33.99                    | 43.61             | 0.91                        | 1.00                       | 2.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.79         |
| Second     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.62        | 55.14                    | 55.33             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 55.83                    | 55.33             | 0.91                        | 1.00                       | 3.60         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 56.76                    | 55.33             | 0.91                        | 1.00                       | 3.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.57         |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 57.78                    | 66.83             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 58.18                    | 66.83             | 0.91                        | 1.00                       | 3.10         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.01        | 58.95                    | 66.83             | 0.91                        | 1.00                       | 3.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.53         |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 51.30                    | 54.72             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 40.25                    | 54.72             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.01        | 35.17                    | 54.72             | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.22         |
| Second     | R9        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 1.23        | 53.04                    | 102.18            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 2.03        | 38.65                    | 102.18            | 0.91                        | 1.00                       | 2.70         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 0.62        | 42.42                    | 102.18            | 0.91                        | 0.15                       | 0.13         |

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Project Name: Hillingdon Gateway

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 55.13                    | 54.72             | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 44.52                    | 54.72             | 0.91                        | 1.00                       | 2.90         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.01        | 39.58                    | 54.72             | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.80         |
| Third      | R9        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 1.23        | 56.91                    | 102.18            | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 2.03        | 42.85                    | 102.18            | 0.91                        | 1.00                       | 2.99         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 0.62        | 44.51                    | 102.18            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.01        | 44.74                    | 102.18            | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.01        | 44.15                    | 102.18            | 0.91                        | 1.00                       | 1.54         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 42.96                    | 102.18            | 0.91                        | 1.00                       | 1.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.10         |
| Third      | R10       | Floorplan-Dwg  | Residential   | LKD       | W18         | 0.68                | 0.92               | 1.02        | 45.24                    | 127.18            | 0.91                        | 1.00                       | 1.27         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 48.97                    | 127.18            | 0.91                        | 1.00                       | 1.38         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 55.64                    | 127.18            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 55.48                    | 127.18            | 0.91                        | 1.00                       | 1.55         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 56.05                    | 127.18            | 0.91                        | 1.00                       | 1.57         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 1.23        | 87.11                    | 127.18            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 2.02        | 83.68                    | 127.18            | 0.91                        | 1.00                       | 4.68         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.01        | 81.40                    | 127.18            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.32        |
| Third      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 79.20                    | 54.66             | 0.91                        | 1.00                       | 5.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.19         |
| Third      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 79.19                    | 62.71             | 0.91                        | 1.00                       | 4.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.52         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.62        | 82.15                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 81.19                    | 64.32             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.01        | 81.50                    | 64.32             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.43         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.01        | 79.33                    | 64.32             | 0.91                        | 1.00                       | 4.39         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.62        | 81.81                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 81.16                    | 64.32             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.30         |
| Third      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 0.68                | 0.92               | 1.02        | 76.99                    | 62.72             | 0.91                        | 1.00                       | 4.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.40         |
| Third      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 73.29                    | 54.67             | 0.91                        | 1.00                       | 4.80         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.80         |
| Third      | R17       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.23        | 67.05                    | 127.18            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 2.02        | 65.45                    | 127.18            | 0.91                        | 1.00                       | 3.66         |
|            |           |                |               |           | W33         | 0.68                | 0.92               | 1.01        | 58.19                    | 127.18            | 0.91                        | 1.00                       | 1.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.63         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.23        | 54.35                    | 102.18            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 40.71                    | 102.18            | 0.91                        | 1.00                       | 2.84         |
|            |           |                |               |           | W34         | 0.68                | 0.92               | 1.02        | 53.54                    | 102.18            | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.06         |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.01        | 37.76                    | 54.72             | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W3-L        | 0.68                | 0.92               | 0.62        | 53.45                    | 54.72             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 43.62                    | 54.72             | 0.91                        | 1.00                       | 2.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.62         |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.01        | 62.09                    | 66.83             | 0.91                        | 1.00                       | 3.31         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.62        | 61.52                    | 66.83             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 62.34                    | 66.83             | 0.91                        | 1.00                       | 3.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.93         |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.23        | 55.79                    | 102.18            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 42.11                    | 102.18            | 0.91                        | 1.00                       | 2.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.29         |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 44.97                    | 43.61             | 0.91                        | 1.00                       | 3.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.69         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.62        | 64.74                    | 55.33             | 0.91                        | 0.15                       | 0.38         |

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Project Name: Hillingdon Gateway

Project No.: Release 06

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fourth     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 79.35                    | 62.71             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.62        | 82.40                    | 64.32             | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 81.40                    | 64.32             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.01        | 81.66                    | 64.32             | 0.91                        | 1.00                       | 4.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.45         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.01        | 79.62                    | 64.32             | 0.91                        | 1.00                       | 4.41         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.62        | 82.09                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 81.36                    | 64.32             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.33         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 0.68                | 0.92               | 1.02        | 77.30                    | 62.72             | 0.91                        | 1.00                       | 4.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.42         |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 73.61                    | 54.67             | 0.91                        | 1.00                       | 4.83         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.83         |
| Fourth     | R17       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.23        | 67.46                    | 127.18            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 2.02        | 65.75                    | 127.18            | 0.91                        | 1.00                       | 3.67         |
|            |           |                |               |           | W33         | 0.68                | 0.92               | 1.01        | 58.39                    | 127.18            | 0.91                        | 1.00                       | 1.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.65         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.23        | 60.12                    | 102.18            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 46.74                    | 102.18            | 0.91                        | 1.00                       | 3.26         |
|            |           |                |               |           | W34         | 0.68                | 0.92               | 1.02        | 56.70                    | 102.18            | 0.91                        | 1.00                       | 1.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.63         |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.01        | 44.08                    | 54.72             | 0.91                        | 1.00                       | 2.87         |
|            |           |                |               |           | W3-L        | 0.68                | 0.92               | 0.62        | 59.15                    | 54.72             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 49.47                    | 54.72             | 0.91                        | 1.00                       | 3.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.44         |
| Fifth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.01        | 68.74                    | 66.83             | 0.91                        | 1.00                       | 3.67         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.62        | 68.11                    | 66.83             | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 68.93                    | 66.83             | 0.91                        | 1.00                       | 3.68         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.67         |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.23        | 61.39                    | 102.18            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 47.85                    | 102.18            | 0.91                        | 1.00                       | 3.34         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.73         |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 50.22                    | 43.61             | 0.91                        | 1.00                       | 4.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.13         |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.62        | 70.19                    | 55.33             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 71.23                    | 55.33             | 0.91                        | 1.00                       | 4.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.61         |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 71.85                    | 66.83             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 72.24                    | 66.83             | 0.91                        | 1.00                       | 3.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.06         |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 63.17                    | 54.72             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 52.73                    | 54.72             | 0.91                        | 1.00                       | 3.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.92         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 1.23        | 64.85                    | 102.18            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 2.03        | 50.66                    | 102.18            | 0.91                        | 1.00                       | 3.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.30         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | LKD       | W18         | 0.68                | 0.92               | 1.02        | 49.83                    | 127.18            | 0.91                        | 1.00                       | 1.40         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 52.90                    | 127.18            | 0.91                        | 1.00                       | 1.49         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.65         |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Sixth      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.01        | 75.72                    | 54.72             | 0.91                        | 1.00                       | 4.93         |
|            |           |                |               |           | W3-L        | 0.68                | 0.92               | 0.62        | 74.30                    | 54.72             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 75.81                    | 54.72             | 0.91                        | 1.00                       | 4.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.31        |
| Sixth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.01        | 75.98                    | 66.83             | 0.91                        | 1.00                       | 4.05         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.62        | 74.78                    | 66.83             | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 76.12                    | 66.83             | 0.91                        | 1.00                       | 4.06         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.47         |
| Sixth      | R4        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.23        | 79.07                    | 102.18            | 0.91                        | 0.15                       | 0.50         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 78.05                    | 102.18            | 0.91                        | 1.00                       | 5.44         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.95         |
| Sixth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 74.67                    | 43.61             | 0.91                        | 1.00                       | 6.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.13         |
| Sixth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.62        | 76.00                    | 55.33             | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.01        | 77.07                    | 55.33             | 0.91                        | 1.00                       | 4.96         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 77.18                    | 55.33             | 0.91                        | 1.00                       | 4.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.38        |
| Sixth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 76.59                    | 66.83             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 77.39                    | 66.83             | 0.91                        | 1.00                       | 4.13         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.01        | 77.51                    | 66.83             | 0.91                        | 1.00                       | 4.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.63         |
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 76.97                    | 54.72             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 77.55                    | 54.72             | 0.91                        | 1.00                       | 5.05         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.01        | 77.78                    | 54.72             | 0.91                        | 1.00                       | 5.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.57        |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 1.23        | 81.44                    | 102.18            | 0.91                        | 0.15                       | 0.52         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 2.03        | 79.47                    | 102.18            | 0.91                        | 1.00                       | 5.54         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 0.62        | 53.55                    | 102.18            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.01        | 54.49                    | 102.18            | 0.91                        | 1.00                       | 1.90         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.01        | 53.94                    | 102.18            | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 51.95                    | 102.18            | 0.91                        | 1.00                       | 1.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.83        |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | LKD       | W18         | 0.68                | 0.92               | 1.02        | 53.26                    | 127.18            | 0.91                        | 1.00                       | 1.50         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 55.94                    | 127.18            | 0.91                        | 1.00                       | 1.58         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 60.99                    | 127.18            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 61.44                    | 127.18            | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 62.13                    | 127.18            | 0.91                        | 1.00                       | 1.74         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 1.23        | 87.42                    | 127.18            | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 2.02        | 83.85                    | 127.18            | 0.91                        | 1.00                       | 4.69         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.01        | 81.68                    | 127.18            | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.11        |
| Sixth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 79.35                    | 54.66             | 0.91                        | 1.00                       | 5.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.20         |
| Sixth      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 79.35                    | 62.71             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Sixth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.62        | 82.16                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.01        | 81.55                    | 64.32             | 0.91                        | 1.00                       | 4.52         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.01        | 81.66                    | 64.32             | 0.91                        | 1.00                       | 4.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.46         |
| Sixth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.01        | 80.46                    | 64.32             | 0.91                        | 1.00                       | 4.46         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.62        | 82.01                    | 64.32             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.01        | 81.54                    | 64.32             | 0.91                        | 1.00                       | 4.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.39         |
| Sixth      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 0.68                | 0.92               | 1.02        | 78.24                    | 62.72             | 0.91                        | 1.00                       | 4.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.47         |
| Sixth      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 75.46                    | 54.67             | 0.91                        | 1.00                       | 4.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.95         |
| Sixth      | R17       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.23        | 69.25                    | 127.18            | 0.91                        | 0.15                       | 0.35         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 2.02        | 68.18                    | 127.18            | 0.91                        | 1.00                       | 3.81         |
|            |           |                |               |           | W33         | 0.68                | 0.92               | 1.01        | 60.64                    | 127.18            | 0.91                        | 1.00                       | 1.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | LD        | W1-L        | 0.68                | 0.92               | 0.07        | 81.04                    | 103.04            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 76.41                    | 103.04            | 0.91                        | 1.00                       | 5.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.31         |
| Seventh    | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 81.04                    | 61.20             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.03        | 76.40                    | 61.20             | 0.91                        | 1.00                       | 8.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.95         |
| Seventh    | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.07        | 81.16                    | 61.19             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.03        | 76.43                    | 61.19             | 0.91                        | 1.00                       | 8.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.95         |
| Seventh    | R4        | Floorplan-Dwg  | Residential   | LD        | W4-L        | 0.68                | 0.92               | 0.07        | 81.26                    | 103.04            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.03        | 76.47                    | 103.04            | 0.91                        | 1.00                       | 5.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.32         |
| Seventh    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.07        | 81.39                    | 56.48             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.03        | 76.51                    | 56.48             | 0.91                        | 1.00                       | 9.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.71         |
| Seventh    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6-L        | 0.68                | 0.92               | 0.07        | 81.48                    | 57.90             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 76.53                    | 57.90             | 0.91                        | 1.00                       | 9.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.47         |
| Seventh    | R7        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.07        | 81.57                    | 102.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.03        | 76.54                    | 102.18            | 0.91                        | 1.00                       | 5.34         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.01        | 59.64                    | 102.18            | 0.91                        | 1.00                       | 2.08         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.01        | 59.50                    | 102.18            | 0.91                        | 1.00                       | 2.08         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.62        | 61.93                    | 102.18            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 65.59                    | 102.18            | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 62.47                    | 102.18            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 65.15                    | 102.18            | 0.91                        | 1.00                       | 2.27         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.48        |
| Seventh    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 59.03                    | 68.35             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 60.44                    | 68.35             | 0.91                        | 1.00                       | 3.15         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 66.46                    | 68.35             | 0.91                        | 1.00                       | 3.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.90         |
| Seventh    | R9        | Floorplan-Dwg  | Residential   | LKD       | W11-L       | 0.68                | 0.92               | 0.62        | 61.01                    | 99.99             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 63.36                    | 99.99             | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.22        | 89.93                    | 99.99             | 0.91                        | 1.00                       | 3.85         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.21        | 89.73                    | 99.99             | 0.91                        | 1.00                       | 3.83         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.01        | 68.86                    | 99.99             | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.59        |
| Seventh    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W14-L       | 0.68                | 0.92               | 0.07        | 83.19                    | 52.61             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 2.03        | 77.41                    | 52.61             | 0.91                        | 1.00                       | 10.49        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.55        |
| Seventh    | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.07        | 82.98                    | 64.32             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 2.03        | 77.28                    | 64.32             | 0.91                        | 1.00                       | 8.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.61         |
| Seventh    | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 0.68                | 0.92               | 1.21        | 88.13                    | 62.72             | 0.91                        | 1.00                       | 6.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 0.68                | 0.92               | 1.21        | 86.44                    | 54.67             | 0.91                        | 1.00                       | 6.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R14       | Floorplan-Dwg  | Residential   | LD        | W18-L       | 0.68                | 0.92               | 0.11        | 71.22                    | 127.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 3.04        | 68.03                    | 127.18            | 0.91                        | 1.00                       | 5.71         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.74         |
| Building 4 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 56.59                    | 69.82             | 0.91                        | 1.00                       | 2.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Ground     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.02        | 53.23                    | 56.82             | 0.91                        | 1.00                       | 3.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.36         |
| Ground     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 52.30                    | 49.65             | 0.91                        | 1.00                       | 3.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.77         |
| Ground     | R4        | Floorplan-Dwg  | Residential   | LKD       | W4-L        | 0.68                | 0.92               | 1.23        | 58.68                    | 115.75            | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.03        | 56.07                    | 115.75            | 0.91                        | 1.00                       | 3.45         |
|            |           |                |               |           | W5          | 0.68                | 0.92               | 1.01        | 48.12                    | 115.75            | 0.91                        | 1.00                       | 1.48         |
|            |           |                |               |           | W6-L        | 0.68                | 0.92               | 0.62        | 47.75                    | 115.75            | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.01        | 48.04                    | 115.75            | 0.91                        | 1.00                       | 1.48         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 0.69        | 47.74                    | 115.75            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.13        | 47.13                    | 115.75            | 0.91                        | 1.00                       | 1.62         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 46.34                    | 115.75            | 0.91                        | 1.00                       | 1.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.08        |
| Ground     | R5        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 0.62        | 47.71                    | 105.20            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 47.32                    | 105.20            | 0.91                        | 1.00                       | 1.60         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.01        | 48.02                    | 105.20            | 0.91                        | 1.00                       | 1.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.38         |
| Ground     | R6        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.84               | 1.01        | N/A                      | 105.20            | 0.91                        | 1.00                       | 1.45         |
|            |           |                |               |           | W12-L       | 0.68                | 0.84               | 0.62        | N/A                      | 105.20            | 0.91                        | 0.82                       | 0.82         |
|            |           |                |               |           | W12-U       | 0.68                | 0.84               | 1.01        | N/A                      | 105.20            | 0.91                        | 1.00                       | 1.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.77         |
| Ground     | R7        | Floorplan-Dwg  | Residential   | LKD       | W13         | 0.68                | 0.84               | 1.01        | N/A                      | 105.20            | 0.91                        | 1.00                       | 1.27         |
|            |           |                |               |           | W14-L       | 0.68                | 0.84               | 0.62        | N/A                      | 105.20            | 0.91                        | 0.82                       | 0.72         |
|            |           |                |               |           | W14-U       | 0.68                | 0.84               | 1.01        | N/A                      | 105.20            | 0.91                        | 1.00                       | 1.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.30         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.23        | 63.43                    | 119.79            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 57.42                    | 119.79            | 0.91                        | 1.00                       | 3.42         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.67        | 65.00                    | 119.79            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.10        | 63.75                    | 119.79            | 0.91                        | 1.00                       | 2.06         |



| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.02         |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.56        | 64.62                    | 50.78             | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 0.92        | 63.53                    | 50.78             | 0.91                        | 1.00                       | 4.06         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.44         |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 55.41                    | 58.98             | 0.91                        | 1.00                       | 3.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 1.23        | 13.77                    | 63.94             | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.03        | 55.43                    | 63.94             | 0.91                        | 1.00                       | 6.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.32         |
| First      | R5        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.23        | 15.69                    | 121.08            | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 54.01                    | 121.08            | 0.91                        | 1.00                       | 3.18         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 53.29                    | 121.08            | 0.91                        | 1.00                       | 1.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.84         |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.01        | 60.53                    | 66.40             | 0.91                        | 1.00                       | 3.25         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.62        | 60.73                    | 66.40             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.01        | 61.03                    | 66.40             | 0.91                        | 1.00                       | 3.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.82         |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.01        | 53.97                    | 61.48             | 0.91                        | 1.00                       | 3.13         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.62        | 11.76                    | 61.48             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 52.56                    | 61.48             | 0.91                        | 1.00                       | 3.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.24         |
| First      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 0.68                | 0.92               | 1.02        | 49.32                    | 62.32             | 0.91                        | 1.00                       | 2.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R9        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 1.23        | 12.37                    | 108.48            | 0.91                        | 0.15                       | 0.07         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.03        | 54.32                    | 108.48            | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 51.54                    | 108.48            | 0.91                        | 1.00                       | 1.70         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 51.25                    | 108.48            | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 51.10                    | 108.48            | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.73         |

Date: 19/05/2020

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Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use.    | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|--------------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| First      | R22       | Floorplan-Dwg  | Residential   | LD           | W30-L       | 0.68                | 0.92               | 1.23        | 36.75                    | 70.58             | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |              | W30-U       | 0.68                | 0.92               | 2.03        | 29.95                    | 70.58             | 0.91                        | 1.00                       | 3.02         |
|            |           |                |               |              | W31         | 0.68                | 0.92               | 1.02        | 27.40                    | 70.58             | 0.91                        | 1.00                       | 1.39         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 4.75         |
| First      | R23       | Floorplan-Dwg  | Residential   | Resi-Unknown | W32-L       | 0.68                | 0.92               | 1.23        | 35.95                    | 84.08             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |              | W32-U       | 0.68                | 0.92               | 2.03        | 29.12                    | 84.08             | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 2.75         |
| First      | R24       | Floorplan-Dwg  | Residential   | Bedroom      | W33-L       | 0.68                | 0.92               | 1.23        | 39.52                    | 63.94             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |              | W33-U       | 0.68                | 0.92               | 2.03        | 35.47                    | 63.94             | 0.91                        | 1.00                       | 3.95         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 4.35         |
| First      | R25       | Floorplan-Dwg  | Residential   | Bedroom      | W34-L       | 0.68                | 0.92               | 0.61        | 41.28                    | 58.98             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |              | W34-U       | 0.68                | 0.92               | 1.01        | 41.59                    | 58.98             | 0.91                        | 1.00                       | 2.50         |
|            |           |                |               |              | W35         | 0.68                | 0.92               | 1.02        | 41.53                    | 58.98             | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 5.25         |
| First      | R26       | Floorplan-Dwg  | Residential   | Bedroom      | W36         | 0.68                | 0.92               | 1.02        | 38.94                    | 50.78             | 0.91                        | 1.00                       | 2.75         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 2.75         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R27       | Floorplan-Dwg  | Residential   | LKD          | W37-L       | 0.68                | 0.92               | 1.23        | 33.69                    | 119.79            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |              | W37-U       | 0.68                | 0.92               | 2.03        | 29.27                    | 119.79            | 0.91                        | 1.00                       | 1.74         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 1.92         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD          | W1-L        | 0.68                | 0.92               | 1.23        | 62.99                    | 108.48            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |              | W1-U        | 0.68                | 0.92               | 2.03        | 48.45                    | 108.48            | 0.91                        | 1.00                       | 3.18         |
|            |           |                |               |              | W44         | 0.68                | 0.92               | 1.02        | 75.11                    | 108.48            | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |              | W45-L       | 0.68                | 0.92               | 0.62        | 78.09                    | 108.48            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |              | W45-U       | 0.68                | 0.92               | 1.01        | 77.79                    | 108.48            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |              | W46         | 0.68                | 0.92               | 1.01        | 77.42                    | 108.48            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 11.37        |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom      | W2          | 0.68                | 0.92               | 1.02        | 41.78                    | 62.32             | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            | 2.40         |
|            |           |                |               |              |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom      | W3-L        | 0.68                | 0.92               | 0.62        | 58.48                    | 61.48             | 0.91                        | 0.15                       | 0.31         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 44.41                    | 61.48             | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.01        | 49.82                    | 61.48             | 0.91                        | 1.00                       | 2.89         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.77         |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.62        | 67.24                    | 55.15             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 66.71                    | 55.15             | 0.91                        | 1.00                       | 4.31         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.01        | 66.80                    | 55.15             | 0.91                        | 1.00                       | 4.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.02         |
| Second     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 48.05                    | 45.11             | 0.91                        | 1.00                       | 3.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.82         |
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W8-L        | 0.68                | 0.92               | 1.23        | 59.86                    | 102.18            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.03        | 45.40                    | 102.18            | 0.91                        | 1.00                       | 3.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.55         |
| Second     | R7        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 1.23        | 58.67                    | 121.07            | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.03        | 44.26                    | 121.07            | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 46.35                    | 121.07            | 0.91                        | 1.00                       | 1.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.29         |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.01        | 64.28                    | 66.41             | 0.91                        | 1.00                       | 3.45         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.62        | 64.67                    | 66.41             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 64.67                    | 66.41             | 0.91                        | 1.00                       | 3.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.23         |
| Second     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.01        | 46.74                    | 61.48             | 0.91                        | 1.00                       | 2.71         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 55.39                    | 61.48             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 41.72                    | 61.48             | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.42         |
| Second     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.62        | 0.00                     | 62.32             | 0.91                        | 0.15                       | 0.00         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.02        | 38.14                    | 62.32             | 0.91                        | 1.00                       | 2.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.19         |
| Second     | R11       | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 58.84                    | 108.48            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 44.54                    | 108.48            | 0.91                        | 1.00                       | 2.93         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.62        | 57.73                    | 108.48            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 58.39                    | 108.48            | 0.91                        | 1.00                       | 1.92         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.01        | 58.27                    | 108.48            | 0.91                        | 1.00                       | 1.91         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 56.33                    | 108.48            | 0.91                        | 1.00                       | 1.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.14         |
| Second     | R12       | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 56.18                    | 115.06            | 0.91                        | 1.00                       | 1.75         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 57.11                    | 115.06            | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 57.08                    | 115.06            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 57.63                    | 115.06            | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 1.23        | 35.38                    | 115.06            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 2.03        | 19.72                    | 115.06            | 0.91                        | 1.00                       | 1.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.89         |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 23.00                    | 51.04             | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.61         |
| Second     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 22.07                    | 57.88             | 0.91                        | 1.00                       | 1.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.37         |
| Second     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 0.68                | 0.92               | 1.01        | 16.61                    | 61.00             | 0.91                        | 1.00                       | 0.97         |
|            |           |                |               |           | W27-L       | 0.68                | 0.92               | 0.62        | 34.88                    | 61.00             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 24.51                    | 61.00             | 0.91                        | 1.00                       | 1.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.59         |
| Second     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W28-L       | 0.68                | 0.92               | 1.23        | 45.15                    | 65.06             | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 2.03        | 45.34                    | 65.06             | 0.91                        | 1.00                       | 4.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.42         |
| Second     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 42.03                    | 49.44             | 0.91                        | 1.00                       | 3.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.05         |
| Second     | R18       | Floorplan-Dwg  | Residential   | LKD       | W30         | 0.68                | 0.92               | 1.02        | 23.16                    | 112.36            | 0.91                        | 1.00                       | 0.74         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 1.23        | 34.54                    | 112.36            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 17.48                    | 112.36            | 0.91                        | 1.00                       | 1.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.05         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Second     | R19       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.23        | 35.24                    | 112.36            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 2.03        | 17.40                    | 112.36            | 0.91                        | 1.00                       | 1.10         |
|            |           |                |               |           | W33         | 0.68                | 0.92               | 1.02        | 26.40                    | 112.36            | 0.91                        | 1.00                       | 0.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.15         |
| Second     | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 0.68                | 0.92               | 1.02        | 44.96                    | 48.75             | 0.91                        | 1.00                       | 3.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.30         |
| Second     | R21       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 47.46                    | 64.86             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 47.82                    | 64.86             | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 47.10                    | 64.86             | 0.91                        | 1.00                       | 2.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.45         |
| Second     | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W37-L       | 0.68                | 0.92               | 1.23        | 40.20                    | 61.00             | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 22.39                    | 61.00             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.04         |
| Second     | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W38         | 0.68                | 0.92               | 1.02        | 26.36                    | 57.88             | 0.91                        | 1.00                       | 1.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.63         |
| Second     | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W39         | 0.68                | 0.92               | 1.02        | 26.63                    | 51.04             | 0.91                        | 1.00                       | 1.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.87         |
| Second     | R25       | Floorplan-Dwg  | Residential   | LKD       | W40-L       | 0.68                | 0.92               | 1.23        | 42.64                    | 115.06            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W40-U       | 0.68                | 0.92               | 2.03        | 26.81                    | 115.06            | 0.91                        | 1.00                       | 1.66         |
|            |           |                |               |           | W41         | 0.68                | 0.92               | 1.01        | 75.81                    | 115.06            | 0.91                        | 1.00                       | 2.35         |
|            |           |                |               |           | W42-L       | 0.68                | 0.92               | 0.62        | 76.17                    | 115.06            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W42-U       | 0.68                | 0.92               | 1.01        | 75.30                    | 115.06            | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           | W43         | 0.68                | 0.92               | 1.02        | 74.54                    | 115.06            | 0.91                        | 1.00                       | 2.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.12         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.23        | 65.32                    | 108.48            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 50.65                    | 108.48            | 0.91                        | 1.00                       | 3.33         |
|            |           |                |               |           | W44         | 0.68                | 0.92               | 1.02        | 76.00                    | 108.48            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W45-L       | 0.68                | 0.92               | 0.62        | 79.10                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W45-U       | 0.68                | 0.92               | 1.01        | 78.63                    | 108.48            | 0.91                        | 1.00                       | 2.58         |



| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed  |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|---------------|
|            |           |                |               |           | W46         | 0.68                | 0.92               | 1.01        | 78.33                    | 108.48            | 0.91                        | 1.00                       | 2.57<br>11.62 |
| Third      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.02        | 44.18                    | 62.32             | 0.91                        | 1.00                       | 2.54<br>2.54  |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.62        | 61.02                    | 61.48             | 0.91                        | 0.15                       | 0.32          |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 46.97                    | 61.48             | 0.91                        | 1.00                       | 2.72          |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.01        | 52.28                    | 61.48             | 0.91                        | 1.00                       | 3.03<br>6.07  |
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.62        | 70.25                    | 55.15             | 0.91                        | 0.15                       | 0.41          |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 69.55                    | 55.15             | 0.91                        | 1.00                       | 4.49          |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.01        | 69.62                    | 55.15             | 0.91                        | 1.00                       | 4.50<br>9.41  |
| Third      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 50.81                    | 45.11             | 0.91                        | 1.00                       | 4.04<br>4.04  |
| Third      | R6        | Floorplan-Dwg  | Residential   | LKD       | W8-L        | 0.68                | 0.92               | 1.23        | 62.88                    | 102.18            | 0.91                        | 0.15                       | 0.40          |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.03        | 48.40                    | 102.18            | 0.91                        | 1.00                       | 3.38<br>3.78  |
| Third      | R7        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 1.23        | 61.94                    | 121.07            | 0.91                        | 0.15                       | 0.33          |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.03        | 47.55                    | 121.07            | 0.91                        | 1.00                       | 2.80          |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 49.50                    | 121.07            | 0.91                        | 1.00                       | 1.47<br>4.60  |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.01        | 67.62                    | 66.41             | 0.91                        | 1.00                       | 3.63          |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.62        | 68.12                    | 66.41             | 0.91                        | 0.15                       | 0.33          |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 67.91                    | 66.41             | 0.91                        | 1.00                       | 3.64<br>7.60  |
| Third      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.01        | 49.93                    | 61.48             | 0.91                        | 1.00                       | 2.89          |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 58.50                    | 61.48             | 0.91                        | 0.15                       | 0.31          |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 44.90                    | 61.48             | 0.91                        | 1.00                       | 2.60<br>5.80  |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 41.40                    | 62.32             | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.38         |
| Third      | R11       | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 61.94                    | 108.48            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 47.67                    | 108.48            | 0.91                        | 1.00                       | 3.13         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.62        | 61.90                    | 108.48            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 62.70                    | 108.48            | 0.91                        | 1.00                       | 2.06         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.01        | 62.60                    | 108.48            | 0.91                        | 1.00                       | 2.06         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 60.56                    | 108.48            | 0.91                        | 1.00                       | 2.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.80         |
| Third      | R12       | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 60.28                    | 115.06            | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 61.23                    | 115.06            | 0.91                        | 1.00                       | 1.90         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 60.95                    | 115.06            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 61.63                    | 115.06            | 0.91                        | 1.00                       | 1.91         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 1.23        | 41.10                    | 115.06            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 2.03        | 23.96                    | 115.06            | 0.91                        | 1.00                       | 1.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.57         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 26.77                    | 51.04             | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.88         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 26.07                    | 57.88             | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.61         |
| Third      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 0.68                | 0.92               | 1.01        | 20.54                    | 61.00             | 0.91                        | 1.00                       | 1.20         |
|            |           |                |               |           | W27-L       | 0.68                | 0.92               | 0.62        | 39.80                    | 61.00             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 28.04                    | 61.00             | 0.91                        | 1.00                       | 1.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.05         |
| Third      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W28-L       | 0.68                | 0.92               | 1.23        | 49.86                    | 66.83             | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 2.03        | 50.02                    | 66.83             | 0.91                        | 1.00                       | 5.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.82         |
| Third      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 46.77                    | 54.72             | 0.91                        | 1.00                       | 3.06         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 28.44                    | 54.72             | 0.91                        | 1.00                       | 1.86         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.93         |
| Third      | R18       | Floorplan-Dwg  | Residential   | LKD       | W31-L       | 0.68                | 0.92               | 1.23        | 39.69                    | 102.18            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 22.43                    | 102.18            | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.82         |
| Third      | R19       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.23        | 40.32                    | 102.18            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 2.03        | 23.62                    | 102.18            | 0.91                        | 1.00                       | 1.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.90         |
| Third      | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 30.62                    | 54.72             | 0.91                        | 1.00                       | 2.01         |
|            |           |                |               |           | W34         | 0.68                | 0.92               | 1.02        | 49.13                    | 54.72             | 0.91                        | 1.00                       | 3.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.22         |
| Third      | R21       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 51.93                    | 66.83             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 52.40                    | 66.83             | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 51.75                    | 66.83             | 0.91                        | 1.00                       | 2.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.80         |
| Third      | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W37-L       | 0.68                | 0.92               | 1.23        | 44.92                    | 61.00             | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 29.15                    | 61.00             | 0.91                        | 1.00                       | 3.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.88         |
| Third      | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W38         | 0.68                | 0.92               | 1.02        | 31.45                    | 57.88             | 0.91                        | 1.00                       | 1.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.95         |
| Third      | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W39         | 0.68                | 0.92               | 1.02        | 32.15                    | 51.04             | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.26         |
| Third      | R25       | Floorplan-Dwg  | Residential   | LKD       | W40-L       | 0.68                | 0.92               | 1.23        | 47.31                    | 115.06            | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W40-U       | 0.68                | 0.92               | 2.03        | 32.19                    | 115.06            | 0.91                        | 1.00                       | 1.99         |
|            |           |                |               |           | W41-L       | 0.68                | 0.92               | 0.62        | 77.45                    | 115.06            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 1.01        | 76.56                    | 115.06            | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           | W42         | 0.68                | 0.92               | 1.01        | 76.96                    | 115.06            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W43         | 0.68                | 0.92               | 1.02        | 75.52                    | 115.06            | 0.91                        | 1.00                       | 2.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.58         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.23        | 67.52                    | 108.48            | 0.91                        | 0.15                       | 0.40         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 52.68                    | 108.48            | 0.91                        | 1.00                       | 3.46         |
|            |           |                |               |           | W44         | 0.68                | 0.92               | 1.02        | 76.73                    | 108.48            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           | W45-L       | 0.68                | 0.92               | 0.62        | 79.81                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W45-U       | 0.68                | 0.92               | 1.01        | 79.29                    | 108.48            | 0.91                        | 1.00                       | 2.60         |
|            |           |                |               |           | W46         | 0.68                | 0.92               | 1.01        | 79.07                    | 108.48            | 0.91                        | 1.00                       | 2.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.84        |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.02        | 46.36                    | 62.32             | 0.91                        | 1.00                       | 2.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.67         |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.62        | 63.41                    | 61.48             | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 49.41                    | 61.48             | 0.91                        | 1.00                       | 2.86         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.01        | 54.56                    | 61.48             | 0.91                        | 1.00                       | 3.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.62        | 73.94                    | 55.15             | 0.91                        | 0.15                       | 0.44         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 73.15                    | 55.15             | 0.91                        | 1.00                       | 4.73         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.01        | 73.22                    | 55.15             | 0.91                        | 1.00                       | 4.73         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 53.42                    | 45.11             | 0.91                        | 1.00                       | 4.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.24         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | LKD       | W8-L        | 0.68                | 0.92               | 1.23        | 65.86                    | 102.18            | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.03        | 51.24                    | 102.18            | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 1.23        | 65.17                    | 121.07            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.03        | 50.67                    | 121.07            | 0.91                        | 1.00                       | 2.98         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 52.50                    | 121.07            | 0.91                        | 1.00                       | 1.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.01        | 71.78                    | 66.41             | 0.91                        | 1.00                       | 3.85         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.62        | 72.30                    | 66.41             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 71.95                    | 66.41             | 0.91                        | 1.00                       | 3.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fourth     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.01        | 52.95                    | 61.48             | 0.91                        | 1.00                       | 3.07         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 61.53                    | 61.48             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 47.96                    | 61.48             | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.17         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 44.41                    | 62.32             | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 65.01                    | 108.48            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 50.60                    | 108.48            | 0.91                        | 1.00                       | 3.32         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.62        | 66.25                    | 108.48            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 67.00                    | 108.48            | 0.91                        | 1.00                       | 2.20         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.01        | 66.90                    | 108.48            | 0.91                        | 1.00                       | 2.20         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.62        | 8.43                     | 108.48            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 64.73                    | 108.48            | 0.91                        | 1.00                       | 2.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.47        |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | LKD       | W20-L       | 0.68                | 0.92               | 0.62        | 8.43                     | 115.06            | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.02        | 64.39                    | 115.06            | 0.91                        | 1.00                       | 2.01         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 65.45                    | 115.06            | 0.91                        | 1.00                       | 2.03         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 64.99                    | 115.06            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 65.72                    | 115.06            | 0.91                        | 1.00                       | 2.04         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 1.23        | 46.29                    | 115.06            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 2.03        | 31.19                    | 115.06            | 0.91                        | 1.00                       | 1.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.47         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 33.31                    | 51.04             | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 32.98                    | 57.88             | 0.91                        | 1.00                       | 2.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 0.68                | 0.92               | 1.01        | 28.16                    | 61.00             | 0.91                        | 1.00                       | 1.64         |
|            |           |                |               |           | W27-L       | 0.68                | 0.92               | 0.62        | 45.13                    | 61.00             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 34.35                    | 61.00             | 0.91                        | 1.00                       | 2.01         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.89         |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W28-L       | 0.68                | 0.92               | 1.23        | 55.69                    | 66.83             | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 2.03        | 55.72                    | 66.83             | 0.91                        | 1.00                       | 5.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 6.48                       |              |
| Fourth     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 52.43                    | 54.72             | 0.91                        | 1.00                       | 3.43         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 34.89                    | 54.72             | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 5.72                       |              |
| Fourth     | R18       | Floorplan-Dwg  | Residential   | LKD       | W31-L       | 0.68                | 0.92               | 1.23        | 45.57                    | 102.18            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 30.11                    | 102.18            | 0.91                        | 1.00                       | 2.10         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 2.39                       |              |
| Fourth     | R19       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.23        | 46.14                    | 102.18            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 2.03        | 31.01                    | 102.18            | 0.91                        | 1.00                       | 2.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 2.46                       |              |
| Fourth     | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 36.57                    | 54.72             | 0.91                        | 1.00                       | 2.39         |
|            |           |                |               |           | W34         | 0.68                | 0.92               | 1.02        | 54.52                    | 54.72             | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 5.96                       |              |
| Fourth     | R21       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 57.25                    | 66.83             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 57.78                    | 66.83             | 0.91                        | 1.00                       | 3.06         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 57.26                    | 66.83             | 0.91                        | 1.00                       | 3.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.41         |
| Fourth     | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W37-L       | 0.68                | 0.92               | 1.23        | 49.90                    | 61.00             | 0.91                        | 0.15                       | 0.53         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 35.38                    | 61.00             | 0.91                        | 1.00                       | 4.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.66                       |              |
| Fourth     | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W38         | 0.68                | 0.92               | 1.02        | 37.57                    | 57.88             | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 2.33                       |              |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 2.68                       |              |
| Fourth     | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W39         | 0.68                | 0.92               | 1.02        | 38.14                    | 51.04             | 0.91                        | 1.00                       | 2.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 2.68                       |              |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R25       | Floorplan-Dwg  | Residential   | LKD       | W40-L       | 0.68                | 0.92               | 1.23        | 51.98                    | 115.06            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W40-U       | 0.68                | 0.92               | 2.03        | 37.72                    | 115.06            | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W41-L       | 0.68                | 0.92               | 0.62        | 78.47                    | 115.06            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 1.01        | 77.68                    | 115.06            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W42         | 0.68                | 0.92               | 1.01        | 77.97                    | 115.06            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W43         | 0.68                | 0.92               | 1.02        | 76.35                    | 115.06            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.05        |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.23        | 83.14                    | 108.48            | 0.91                        | 0.15                       | 0.50         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 80.65                    | 108.48            | 0.91                        | 1.00                       | 5.30         |
|            |           |                |               |           | W44         | 0.68                | 0.92               | 1.02        | 77.42                    | 108.48            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           | W45-L       | 0.68                | 0.92               | 0.62        | 80.44                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W45-U       | 0.68                | 0.92               | 1.01        | 79.92                    | 108.48            | 0.91                        | 1.00                       | 2.63         |
|            |           |                |               |           | W46         | 0.68                | 0.92               | 1.01        | 79.78                    | 108.48            | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.84        |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 0.68                | 0.92               | 1.02        | 76.63                    | 62.32             | 0.91                        | 1.00                       | 4.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.41         |
| Fifth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.62        | 78.45                    | 61.48             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.01        | 78.48                    | 61.48             | 0.91                        | 1.00                       | 4.55         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.01        | 78.55                    | 61.48             | 0.91                        | 1.00                       | 4.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.51         |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.62        | 77.90                    | 55.15             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 78.20                    | 55.15             | 0.91                        | 1.00                       | 5.05         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.01        | 78.28                    | 55.15             | 0.91                        | 1.00                       | 5.06         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.57        |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 0.68                | 0.92               | 1.02        | 75.93                    | 45.11             | 0.91                        | 1.00                       | 6.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.03         |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W8-L        | 0.68                | 0.92               | 1.23        | 81.25                    | 102.18            | 0.91                        | 0.15                       | 0.52         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.03        | 79.45                    | 102.18            | 0.91                        | 1.00                       | 5.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.06         |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 1.23        | 80.73                    | 121.07            | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.03        | 79.02                    | 121.07            | 0.91                        | 1.00                       | 4.65         |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 75.25                    | 121.07            | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.31         |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.01        | 77.32                    | 66.41             | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.62        | 76.75                    | 66.41             | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 77.39                    | 66.41             | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.68         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.01        | 77.33                    | 61.48             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 76.93                    | 61.48             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.01        | 77.37                    | 61.48             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.37         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 75.20                    | 62.32             | 0.91                        | 1.00                       | 4.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.32         |
| Fifth      | R11       | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 81.03                    | 108.48            | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 78.95                    | 108.48            | 0.91                        | 1.00                       | 5.19         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.62        | 70.37                    | 108.48            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 70.97                    | 108.48            | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.01        | 70.86                    | 108.48            | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.62        | 8.43                     | 108.48            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 68.58                    | 108.48            | 0.91                        | 1.00                       | 2.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.83        |
| Fifth      | R12       | Floorplan-Dwg  | Residential   | LKD       | W20-L       | 0.68                | 0.92               | 0.62        | 8.43                     | 115.06            | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.02        | 68.20                    | 115.06            | 0.91                        | 1.00                       | 2.12         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.01        | 69.40                    | 115.06            | 0.91                        | 1.00                       | 2.15         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 68.94                    | 115.06            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 69.50                    | 115.06            | 0.91                        | 1.00                       | 2.15         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 1.23        | 62.95                    | 115.06            | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 2.03        | 62.51                    | 115.06            | 0.91                        | 1.00                       | 3.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.87        |
| Fifth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 59.61                    | 51.04             | 0.91                        | 1.00                       | 4.18         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.18         |
| Fifth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 59.53                    | 57.88             | 0.91                        | 1.00                       | 3.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.68         |
| Fifth      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 0.68                | 0.92               | 1.01        | 61.24                    | 61.00             | 0.91                        | 1.00                       | 3.58         |
|            |           |                |               |           | W27-L       | 0.68                | 0.92               | 0.62        | 59.68                    | 61.00             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 60.98                    | 61.00             | 0.91                        | 1.00                       | 3.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.46         |
| Fifth      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W28-L       | 0.68                | 0.92               | 1.23        | 62.65                    | 66.83             | 0.91                        | 0.15                       | 0.61         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 2.03        | 62.46                    | 66.83             | 0.91                        | 1.00                       | 6.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.27         |
| Fifth      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 60.11                    | 54.72             | 0.91                        | 1.00                       | 3.94         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 60.35                    | 54.72             | 0.91                        | 1.00                       | 3.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.89         |
| Fifth      | R18       | Floorplan-Dwg  | Residential   | LKD       | W31-L       | 0.68                | 0.92               | 1.23        | 63.63                    | 102.18            | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 63.35                    | 102.18            | 0.91                        | 1.00                       | 4.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.82         |
| Fifth      | R19       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.23        | 64.13                    | 102.18            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 2.03        | 63.81                    | 102.18            | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.86         |
| Fifth      | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 61.57                    | 54.72             | 0.91                        | 1.00                       | 4.03         |
|            |           |                |               |           | W34         | 0.68                | 0.92               | 1.02        | 61.87                    | 54.72             | 0.91                        | 1.00                       | 4.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.08         |
| Fifth      | R21       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 62.50                    | 66.83             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 64.02                    | 66.83             | 0.91                        | 1.00                       | 3.40         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 63.77                    | 66.83             | 0.91                        | 1.00                       | 3.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.12         |
| Fifth      | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W37-L       | 0.68                | 0.92               | 1.23        | 66.02                    | 61.00             | 0.91                        | 0.15                       | 0.70         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 65.59                    | 61.00             | 0.91                        | 1.00                       | 7.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.37         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fifth      | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W38         | 0.68                | 0.92               | 1.02        | 63.30                    | 57.88             | 0.91                        | 1.00                       | 3.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.92         |
| Fifth      | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W39         | 0.68                | 0.92               | 1.02        | 63.74                    | 51.04             | 0.91                        | 1.00                       | 4.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.47         |
| Fifth      | R25       | Floorplan-Dwg  | Residential   | LKD       | W40-L       | 0.68                | 0.92               | 1.23        | 68.10                    | 115.06            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W40-U       | 0.68                | 0.92               | 2.03        | 67.29                    | 115.06            | 0.91                        | 1.00                       | 4.17         |
|            |           |                |               |           | W41-L       | 0.68                | 0.92               | 0.62        | 79.43                    | 115.06            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 1.01        | 78.77                    | 115.06            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W42         | 0.68                | 0.92               | 1.01        | 78.94                    | 115.06            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W43         | 0.68                | 0.92               | 1.02        | 77.15                    | 115.06            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.06        |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.07        | 81.39                    | 124.28            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 76.18                    | 124.28            | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.62        | 66.38                    | 124.28            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.16        | 68.88                    | 124.28            | 0.91                        | 1.00                       | 2.27         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 1.23        | 78.48                    | 124.28            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 2.03        | 76.25                    | 124.28            | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.62        |
| Sixth      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 81.26                    | 54.72             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 2.03        | 76.09                    | 54.72             | 0.91                        | 1.00                       | 9.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.97         |
| Sixth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.07        | 81.12                    | 66.83             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.03        | 76.00                    | 66.83             | 0.91                        | 1.00                       | 8.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.15         |
| Sixth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.07        | 80.82                    | 66.83             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.03        | 75.77                    | 66.83             | 0.91                        | 1.00                       | 8.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.13         |
| Sixth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.07        | 80.77                    | 54.72             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.03        | 75.72                    | 54.72             | 0.91                        | 1.00                       | 9.86         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.92         |
| Sixth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 0.07        | 80.74                    | 124.28            | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.03        | 75.67                    | 124.28            | 0.91                        | 1.00                       | 4.34         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 1.23        | 74.97                    | 124.28            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.03        | 71.67                    | 124.28            | 0.91                        | 1.00                       | 4.11         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 58.54                    | 124.28            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.16        | 63.19                    | 124.28            | 0.91                        | 1.00                       | 2.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.10        |
| Sixth      | R7        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 1.23        | 73.95                    | 147.49            | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.03        | 70.32                    | 147.49            | 0.91                        | 1.00                       | 3.40         |
|            |           |                |               |           | W10-L       | 0.68                | 0.92               | 0.07        | 66.90                    | 147.49            | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 2.03        | 63.66                    | 147.49            | 0.91                        | 1.00                       | 3.08         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.04        | 65.25                    | 147.49            | 0.91                        | 0.15                       | 0.01         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 62.41                    | 147.49            | 0.91                        | 1.00                       | 1.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.33         |
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11-L       | 0.68                | 0.92               | 0.04        | 65.25                    | 44.63             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.01        | 62.41                    | 44.63             | 0.91                        | 1.00                       | 4.98         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.04        | 67.96                    | 44.63             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 67.24                    | 44.63             | 0.91                        | 1.00                       | 5.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.41        |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.22        | 73.86                    | 53.97             | 0.91                        | 1.00                       | 5.88         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.22        | 73.99                    | 53.97             | 0.91                        | 1.00                       | 5.89         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.78        |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.07        | 67.84                    | 63.19             | 0.91                        | 0.15                       | 0.04         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 2.03        | 64.48                    | 63.19             | 0.91                        | 1.00                       | 7.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.31         |
| Sixth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.07        | 68.23                    | 63.19             | 0.91                        | 0.15                       | 0.04         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 64.83                    | 63.19             | 0.91                        | 1.00                       | 7.31         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.35         |

Project Name: Hillingdon Gateway  
 Project No.: Release 06  
 Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
 Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Sixth      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 0.68                | 0.92               | 1.22        | 75.00                    | 53.99             | 0.91                        | 1.00                       | 5.97         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.22        | 75.35                    | 53.99             | 0.91                        | 1.00                       | 6.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 0.04        | 70.41                    | 44.63             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 69.48                    | 44.63             | 0.91                        | 1.00                       | 5.55         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.04        | 66.57                    | 44.63             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 63.55                    | 44.63             | 0.91                        | 1.00                       | 5.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R14       | Floorplan-Dwg  | Residential   | LKD       | W20-L       | 0.68                | 0.92               | 0.04        | 66.57                    | 147.49            | 0.91                        | 0.15                       | 0.01         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.01        | 63.55                    | 147.49            | 0.91                        | 1.00                       | 1.54         |
|            |           |                |               |           | W21-L       | 0.68                | 0.92               | 0.07        | 69.79                    | 147.49            | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 2.03        | 66.24                    | 147.49            | 0.91                        | 1.00                       | 3.20         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 1.23        | 79.13                    | 147.49            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 2.03        | 75.61                    | 147.49            | 0.91                        | 1.00                       | 3.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 8.76                       |              |
| Building 5 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 70.50                    | 51.85             | 0.91                        | 1.00                       | 4.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.87                       |              |
| First      | R2        | Floorplan-Dwg  | Residential   | LKD       | W2          | 0.68                | 0.92               | 1.02        | 70.54                    | 106.10            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 76.33                    | 106.10            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 76.29                    | 106.10            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 7.54                       |              |
| First      | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 76.44                    | 112.90            | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 76.43                    | 112.90            | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 70.90                    | 112.90            | 0.91                        | 1.00                       | 2.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 7.10                       |              |
| First      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 71.03                    | 60.33             | 0.91                        | 1.00                       | 4.22         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.22         |
| First      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 71.16                    | 59.69             | 0.91                        | 1.00                       | 4.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.27         |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 71.31                    | 51.20             | 0.91                        | 1.00                       | 4.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.99         |
| First      | R7        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 77.01                    | 116.69            | 0.91                        | 1.00                       | 2.36         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 77.14                    | 116.69            | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 47.87                    | 116.69            | 0.91                        | 1.00                       | 1.47         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 47.00                    | 116.69            | 0.91                        | 1.00                       | 1.44         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 43.71                    | 116.69            | 0.91                        | 1.00                       | 1.34         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 44.35                    | 116.69            | 0.91                        | 1.00                       | 1.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.35        |
| First      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 0.68                | 0.92               | 1.02        | 39.88                    | 58.60             | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 35.90                    | 58.60             | 0.91                        | 1.00                       | 2.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.63         |
| First      | R9        | Floorplan-Dwg  | Residential   | LKD       | W19         | 0.68                | 0.92               | 1.02        | 24.34                    | 90.11             | 0.91                        | 1.00                       | 0.97         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 36.52                    | 90.11             | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.02        | 32.22                    | 90.11             | 0.91                        | 1.00                       | 1.28         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 49.73                    | 90.11             | 0.91                        | 1.00                       | 1.98         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.02        | 47.67                    | 90.11             | 0.91                        | 1.00                       | 1.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.25         |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 45.57                    | 50.57             | 0.91                        | 1.00                       | 3.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.23         |
| First      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 42.61                    | 67.09             | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.28         |
| First      | R12       | Floorplan-Dwg  | Residential   | LKD       | W25         | 0.68                | 0.92               | 1.02        | 15.57                    | 117.75            | 0.91                        | 1.00                       | 0.47         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.62        | 33.29                    | 117.75            | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 30.12                    | 117.75            | 0.91                        | 1.00                       | 0.92         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 35.44                    | 117.75            | 0.91                        | 1.00                       | 1.08         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.56         |
| First      | R13       | Floorplan-Dwg  | Residential   | LKD       | W28         | 0.68                | 0.92               | 1.02        | 17.90                    | 92.46             | 0.91                        | 1.00                       | 0.69         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.62        | 23.28                    | 92.46             | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.02        | 12.45                    | 92.46             | 0.91                        | 1.00                       | 0.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.26         |
| First      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 0.68                | 0.92               | 1.02        | 26.28                    | 52.88             | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.78         |
| First      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W31-L       | 0.68                | 0.92               | 0.07        | 33.35                    | 52.60             | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 33.10                    | 52.60             | 0.91                        | 1.00                       | 2.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R16       | Floorplan-Dwg  | Residential   | LKD       | W32-L       | 0.68                | 0.92               | 1.84        | 33.80                    | 100.78            | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 3.02        | 24.51                    | 100.78            | 0.91                        | 1.00                       | 2.59         |
|            |           |                |               |           | W33-L       | 0.68                | 0.92               | 0.07        | 79.91                    | 100.78            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 1.02        | 78.24                    | 100.78            | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 74.18                    | 51.85             | 0.91                        | 1.00                       | 5.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.13         |
| Second     | R2        | Floorplan-Dwg  | Residential   | LKD       | W2          | 0.68                | 0.92               | 1.02        | 74.20                    | 106.10            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 75.76                    | 106.10            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 75.74                    | 106.10            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 75.76                    | 112.90            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 75.75                    | 112.90            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 74.28                    | 112.90            | 0.91                        | 1.00                       | 2.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 74.28                    | 60.33             | 0.91                        | 1.00                       | 4.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.41         |
| Second     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 74.29                    | 59.69             | 0.91                        | 1.00                       | 4.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.46         |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Second     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 74.28                    | 51.20             | 0.91                        | 1.00                       | 5.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.20         |
| Second     | R7        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 75.68                    | 116.70            | 0.91                        | 1.00                       | 2.32         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 75.75                    | 116.70            | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 46.62                    | 116.70            | 0.91                        | 1.00                       | 1.43         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 45.81                    | 116.70            | 0.91                        | 1.00                       | 1.41         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 42.96                    | 116.70            | 0.91                        | 1.00                       | 1.32         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 43.47                    | 116.70            | 0.91                        | 1.00                       | 1.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.14        |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 0.68                | 0.92               | 1.02        | 40.51                    | 58.90             | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 36.37                    | 58.90             | 0.91                        | 1.00                       | 2.21         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.68         |
| Second     | R9        | Floorplan-Dwg  | Residential   | LKD       | W19         | 0.68                | 0.92               | 1.02        | 26.73                    | 90.11             | 0.91                        | 1.00                       | 1.06         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 40.77                    | 90.11             | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.02        | 34.25                    | 90.11             | 0.91                        | 1.00                       | 1.36         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 56.82                    | 90.11             | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.02        | 56.26                    | 90.11             | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 52.00                    | 90.11             | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.14         |
| Second     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 50.17                    | 50.57             | 0.91                        | 1.00                       | 3.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.55         |
| Second     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 46.94                    | 67.09             | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.51         |
| Second     | R12       | Floorplan-Dwg  | Residential   | LKD       | W26         | 0.68                | 0.92               | 1.02        | 23.12                    | 117.74            | 0.91                        | 1.00                       | 0.70         |
|            |           |                |               |           | W27-L       | 0.68                | 0.92               | 0.62        | 35.31                    | 117.74            | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.02        | 20.11                    | 117.74            | 0.91                        | 1.00                       | 0.61         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 34.49                    | 117.74            | 0.91                        | 1.00                       | 1.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.46         |
| Second     | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 19.74                    | 92.46             | 0.91                        | 1.00                       | 0.77         |

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Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 74.77                    | 51.20             | 0.91                        | 1.00                       | 5.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.23         |
| Third      | R7        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 80.87                    | 116.69            | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 81.03                    | 116.69            | 0.91                        | 1.00                       | 2.49         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 53.64                    | 116.69            | 0.91                        | 1.00                       | 1.65         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 52.82                    | 116.69            | 0.91                        | 1.00                       | 1.62         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 50.57                    | 116.69            | 0.91                        | 1.00                       | 1.55         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 50.98                    | 116.69            | 0.91                        | 1.00                       | 1.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.36        |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 0.68                | 0.92               | 1.02        | 48.39                    | 58.60             | 0.91                        | 1.00                       | 2.96         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 43.92                    | 58.60             | 0.91                        | 1.00                       | 2.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.64         |
| Third      | R9        | Floorplan-Dwg  | Residential   | LKD       | W19         | 0.68                | 0.92               | 1.02        | 29.00                    | 90.11             | 0.91                        | 1.00                       | 1.15         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 44.57                    | 90.11             | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.02        | 36.24                    | 90.11             | 0.91                        | 1.00                       | 1.44         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 59.09                    | 90.11             | 0.91                        | 1.00                       | 2.35         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.02        | 58.26                    | 90.11             | 0.91                        | 1.00                       | 2.32         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 55.39                    | 90.11             | 0.91                        | 1.00                       | 2.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.62         |
| Third      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 55.21                    | 50.57             | 0.91                        | 1.00                       | 3.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.91         |
| Third      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 51.44                    | 67.09             | 0.91                        | 1.00                       | 2.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.75         |
| Third      | R12       | Floorplan-Dwg  | Residential   | LKD       | W26         | 0.68                | 0.92               | 1.02        | 26.17                    | 117.74            | 0.91                        | 1.00                       | 0.80         |
|            |           |                |               |           | W27-L       | 0.68                | 0.92               | 0.62        | 41.37                    | 117.74            | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.02        | 25.66                    | 117.74            | 0.91                        | 1.00                       | 0.78         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 40.50                    | 117.74            | 0.91                        | 1.00                       | 1.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.92         |
| Third      | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 21.42                    | 92.46             | 0.91                        | 1.00                       | 0.83         |

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fourth     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 74.93                    | 51.20             | 0.91                        | 1.00                       | 5.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.24         |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 80.12                    | 116.69            | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 80.24                    | 116.69            | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 57.08                    | 116.69            | 0.91                        | 1.00                       | 1.75         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 56.32                    | 116.69            | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 54.66                    | 116.69            | 0.91                        | 1.00                       | 1.68         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 54.87                    | 116.69            | 0.91                        | 1.00                       | 1.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.77        |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 0.68                | 0.92               | 1.02        | 55.46                    | 58.60             | 0.91                        | 1.00                       | 3.39         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 56.77                    | 58.60             | 0.91                        | 1.00                       | 3.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.86         |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W19         | 0.68                | 0.92               | 1.02        | 58.87                    | 90.11             | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 0.62        | 59.19                    | 90.11             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.02        | 60.06                    | 90.11             | 0.91                        | 1.00                       | 2.39         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 39.29                    | 90.11             | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.02        | 36.64                    | 90.11             | 0.91                        | 1.00                       | 1.46         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 44.45                    | 90.11             | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.73         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 60.46                    | 50.57             | 0.91                        | 1.00                       | 4.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.28         |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 56.83                    | 67.09             | 0.91                        | 1.00                       | 3.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.04         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 47.75                    | 117.74            | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 33.63                    | 117.74            | 0.91                        | 1.00                       | 1.02         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 30.88                    | 117.74            | 0.91                        | 1.00                       | 0.94         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 35.39                    | 117.74            | 0.91                        | 1.00                       | 1.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.17         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 56.39                    | 92.46             | 0.91                        | 1.00                       | 2.19         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.62        | 53.30                    | 92.46             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.02        | 55.64                    | 92.46             | 0.91                        | 1.00                       | 2.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.53         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 45.30                    | 52.88             | 0.91                        | 1.00                       | 3.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.07         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.02        | 45.69                    | 53.25             | 0.91                        | 1.00                       | 3.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.07         |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W33-L       | 0.68                | 0.92               | 0.07        | 38.42                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 1.02        | 39.39                    | 52.95             | 0.91                        | 1.00                       | 2.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.69         |
| Fourth     | R17       | Floorplan-Dwg  | Residential   | LKD       | W34-L       | 0.68                | 0.92               | 1.84        | 41.55                    | 110.18            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 3.02        | 33.80                    | 110.18            | 0.91                        | 1.00                       | 3.26         |
|            |           |                |               |           | W35-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.23         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.36        |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.06         |
| Fifth      | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.76         |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | LD        | W7          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.91         |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.00         |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.20             | 0.91                        | 1.00                       | 5.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.25         |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 57.91                    | 116.69            | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 56.47                    | 116.69            | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 55.97                    | 116.69            | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 55.53                    | 116.69            | 0.91                        | 1.00                       | 1.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.54        |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 56.64                    | 58.60             | 0.91                        | 1.00                       | 3.46         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 57.31                    | 58.60             | 0.91                        | 1.00                       | 3.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.97         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 59.55                    | 90.11             | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 60.11                    | 90.11             | 0.91                        | 1.00                       | 2.39         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 53.68                    | 90.11             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.02        | 39.96                    | 90.11             | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.54         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 65.15                    | 50.57             | 0.91                        | 1.00                       | 4.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.62         |
| Fifth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 63.79                    | 67.09             | 0.91                        | 1.00                       | 3.41         |
|            |           |                |               |           | W25         | 0.68                | 0.92               | 1.02        | 56.14                    | 67.09             | 0.91                        | 1.00                       | 3.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.40         |
| Fifth      | R12       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 51.01                    | 117.74            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 37.69                    | 117.74            | 0.91                        | 1.00                       | 1.15         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 37.21                    | 117.74            | 0.91                        | 1.00                       | 1.13         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 55.77                    | 117.74            | 0.91                        | 1.00                       | 1.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.12         |
| Fifth      | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 61.97                    | 106.10            | 0.91                        | 1.00                       | 2.09         |



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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 62.09                    | 58.60             | 0.91                        | 1.00                       | 3.80         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 62.70                    | 58.60             | 0.91                        | 1.00                       | 3.83         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 64.30                    | 90.11             | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 64.77                    | 90.11             | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 57.24                    | 90.11             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.02        | 43.70                    | 90.11             | 0.91                        | 1.00                       | 1.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 7.08                       |              |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 68.87                    | 50.57             | 0.91                        | 1.00                       | 4.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 67.94                    | 67.09             | 0.91                        | 1.00                       | 3.63         |
|            |           |                |               |           | W25         | 0.68                | 0.92               | 1.02        | 60.34                    | 67.09             | 0.91                        | 1.00                       | 3.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R12       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 55.79                    | 117.74            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 42.39                    | 117.74            | 0.91                        | 1.00                       | 1.29         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 42.29                    | 117.74            | 0.91                        | 1.00                       | 1.29         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 60.55                    | 117.74            | 0.91                        | 1.00                       | 1.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.57                       |              |
| Sixth      | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 66.99                    | 106.10            | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 66.92                    | 106.10            | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 67.21                    | 51.85             | 0.91                        | 1.00                       | 4.64         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 67.65                    | 51.85             | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.06         |
| Seventh    | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.76                       |              |
| Seventh    | R4        | Floorplan-Dwg  | Residential   | LD        | W7          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 8.91                       |              |
| Seventh    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.00                       |              |
| Seventh    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.20             | 0.91                        | 1.00                       | 5.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 5.25                       |              |
| Seventh    | R7        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 68.10                    | 116.69            | 0.91                        | 1.00                       | 2.09         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 67.66                    | 116.69            | 0.91                        | 1.00                       | 2.08         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 67.44                    | 116.69            | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 67.40                    | 116.69            | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 12.91                      |              |
| Seventh    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 67.82                    | 58.60             | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 68.19                    | 58.60             | 0.91                        | 1.00                       | 4.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 8.32                       |              |
| Seventh    | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 69.01                    | 90.11             | 0.91                        | 1.00                       | 2.74         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 69.33                    | 90.11             | 0.91                        | 1.00                       | 2.76         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 61.18                    | 90.11             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.02        | 47.66                    | 90.11             | 0.91                        | 1.00                       | 1.90         |
|            |           |                |               |           |             |                     | 7.62               |             |                          |                   |                             |                            |              |
| Seventh    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 72.14                    | 50.57             | 0.91                        | 1.00                       | 5.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 5.11                       |              |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Seventh    | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 71.67                    | 67.09             | 0.91                        | 1.00                       | 3.83         |
|            |           |                |               |           | W25         | 0.68                | 0.92               | 1.02        | 64.05                    | 67.09             | 0.91                        | 1.00                       | 3.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R12       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 59.59                    | 117.74            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 46.14                    | 117.74            | 0.91                        | 1.00                       | 1.40         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 46.37                    | 117.74            | 0.91                        | 1.00                       | 1.41         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 64.59                    | 117.74            | 0.91                        | 1.00                       | 1.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   | 4.95                        |                            |              |
| Seventh    | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 71.11                    | 106.10            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 71.07                    | 106.10            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.80                       |              |
| Seventh    | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 71.19                    | 51.85             | 0.91                        | 1.00                       | 4.92         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 71.37                    | 51.85             | 0.91                        | 1.00                       | 4.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.85                       |              |
| Eighth     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 10.36                      |              |
| Eighth     | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 5.06                       |              |
| Eighth     | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.76                       |              |
| Eighth     | R4        | Floorplan-Dwg  | Residential   | LD        | W7          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 8.91                       |              |
| Eighth     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.00                       |              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Eighth     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.20             | 0.91                        | 1.00                       | 5.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.25         |
| Eighth     | R7        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 72.68                    | 116.69            | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 72.59                    | 116.69            | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 72.54                    | 116.69            | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 72.57                    | 116.69            | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.52        |
| Eighth     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 72.70                    | 58.60             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 72.83                    | 58.60             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.90         |
| Eighth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 73.10                    | 90.11             | 0.91                        | 1.00                       | 2.91         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 73.18                    | 90.11             | 0.91                        | 1.00                       | 2.91         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 63.06                    | 90.11             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.02        | 48.89                    | 90.11             | 0.91                        | 1.00                       | 1.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.99         |
| Eighth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 74.49                    | 50.57             | 0.91                        | 1.00                       | 5.31         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.31         |
| Eighth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 74.45                    | 67.09             | 0.91                        | 1.00                       | 3.98         |
|            |           |                |               |           | W25         | 0.68                | 0.92               | 1.02        | 66.81                    | 67.09             | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.54         |
| Eighth     | R12       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 62.83                    | 117.74            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 48.84                    | 117.74            | 0.91                        | 1.00                       | 1.49         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 49.35                    | 117.74            | 0.91                        | 1.00                       | 1.50         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 67.73                    | 117.74            | 0.91                        | 1.00                       | 2.06         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.22         |
| Eighth     | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 74.38                    | 106.10            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 74.37                    | 106.10            | 0.91                        | 1.00                       | 2.51         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.02         |
| Eighth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 74.36                    | 51.85             | 0.91                        | 1.00                       | 5.14         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 74.36                    | 51.85             | 0.91                        | 1.00                       | 5.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.28        |
| Ninth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.36        |
| Ninth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.06         |
| Ninth      | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.76         |
| Ninth      | R4        | Floorplan-Dwg  | Residential   | LD        | W7          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.91         |
| Ninth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.00         |
| Ninth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.20             | 0.91                        | 1.00                       | 5.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.25         |
| Ninth      | R7        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 74.88                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 74.88                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 74.89                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 74.89                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.80        |
| Ninth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 74.88                    | 58.60             | 0.91                        | 1.00                       | 4.58         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed  |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|---------------|
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 74.88                    | 58.60             | 0.91                        | 1.00                       | 4.58<br>9.16  |
| Ninth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 74.88                    | 90.11             | 0.91                        | 1.00                       | 2.98          |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 74.88                    | 90.11             | 0.91                        | 1.00                       | 2.98          |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 64.06                    | 90.11             | 0.91                        | 0.15                       | 0.23          |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.02        | 49.30                    | 90.11             | 0.91                        | 1.00                       | 1.96<br>8.15  |
| Ninth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 74.99                    | 50.57             | 0.91                        | 1.00                       | 5.31<br>5.31  |
| Ninth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 74.98                    | 67.09             | 0.91                        | 1.00                       | 4.00          |
|            |           |                |               |           | W25         | 0.68                | 0.92               | 1.02        | 67.86                    | 67.09             | 0.91                        | 1.00                       | 3.62<br>7.63  |
| Ninth      | R12       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 64.06                    | 117.74            | 0.91                        | 0.15                       | 0.18          |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 49.30                    | 117.74            | 0.91                        | 1.00                       | 1.50          |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 49.84                    | 117.74            | 0.91                        | 1.00                       | 1.52          |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 69.08                    | 117.74            | 0.91                        | 1.00                       | 2.10<br>5.30  |
| Ninth      | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53          |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53<br>5.06  |
| Ninth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18          |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18<br>10.36 |
| Tenth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18          |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18<br>10.36 |
| Tenth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53          |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53<br>5.06  |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Tenth      | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 74.99                    | 112.90            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Tenth      | R4        | Floorplan-Dwg  | Residential   | LD        | W7          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 74.99                    | 60.33             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Tenth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 74.99                    | 59.69             | 0.91                        | 1.00                       | 4.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Tenth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.20             | 0.91                        | 1.00                       | 5.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Tenth      | R7        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W14         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 74.99                    | 116.69            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Tenth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 74.99                    | 58.60             | 0.91                        | 1.00                       | 4.58         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 74.99                    | 58.60             | 0.91                        | 1.00                       | 4.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Tenth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 74.99                    | 90.11             | 0.91                        | 1.00                       | 2.98         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 74.99                    | 90.11             | 0.91                        | 1.00                       | 2.98         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 76.56                    | 90.11             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.02        | 74.99                    | 90.11             | 0.91                        | 1.00                       | 2.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.22                       |              |
| Tenth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 74.99                    | 50.57             | 0.91                        | 1.00                       | 5.31         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Tenth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 74.99                    | 67.09             | 0.91                        | 1.00                       | 4.00         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W25         | 0.68                | 0.92               | 1.02        | 74.99                    | 67.09             | 0.91                        | 1.00                       | 4.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.01         |
| Tenth      | R12       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 76.56                    | 117.74            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 74.99                    | 117.74            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 74.99                    | 117.74            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           | W28         | 0.68                | 0.92               | 1.02        | 74.99                    | 117.74            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.06         |
| Tenth      | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           | W30         | 0.68                | 0.92               | 1.02        | 74.99                    | 106.10            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.06         |
| Tenth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           | W32         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.36        |
| Building 6 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 47.86                    | 68.29             | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 48.33                    | 68.29             | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.05         |
| Ground     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 48.31                    | 63.07             | 0.91                        | 1.00                       | 2.74         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 48.74                    | 63.07             | 0.91                        | 1.00                       | 2.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.51         |
| Ground     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 48.45                    | 63.07             | 0.91                        | 1.00                       | 2.75         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 48.86                    | 63.07             | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.53         |
| Ground     | R4        | Floorplan-Dwg  | Residential   | LKD       | W7          | 0.68                | 0.92               | 1.02        | 26.40                    | 129.01            | 0.91                        | 1.00                       | 0.73         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 19.35                    | 129.01            | 0.91                        | 1.00                       | 0.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.27         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 32.86                    | 100.78            | 0.91                        | 0.15                       | 0.32         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 23.77                    | 100.78            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.07        | 80.01                    | 100.78            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 78.32                    | 100.78            | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.64         |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 34.26                    | 52.60             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 34.03                    | 52.60             | 0.91                        | 1.00                       | 2.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.34         |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 17.90                    | 52.88             | 0.91                        | 1.00                       | 1.21         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R4        | Floorplan-Dwg  | Residential   | LKD       | W4-L        | 0.68                | 0.92               | 0.62        | 12.82                    | 92.46             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.02        | 7.47                     | 92.46             | 0.91                        | 1.00                       | 0.29         |
|            |           |                |               |           | W5          | 0.68                | 0.92               | 1.02        | 11.77                    | 92.46             | 0.91                        | 1.00                       | 0.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.79         |
| First      | R5        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 0.62        | 17.29                    | 117.74            | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.02        | 8.27                     | 117.74            | 0.91                        | 1.00                       | 0.25         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 7.84                     | 117.74            | 0.91                        | 1.00                       | 0.24         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 27.67                    | 117.74            | 0.91                        | 1.00                       | 0.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.38         |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 33.27                    | 67.09             | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 35.80                    | 50.57             | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R8        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 38.47                    | 90.11             | 0.91                        | 1.00                       | 1.53         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 38.64                    | 90.11             | 0.91                        | 1.00                       | 1.54         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 27.86                    | 90.11             | 0.91                        | 1.00                       | 1.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.17         |
| First      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 0.68                | 0.92               | 1.02        | 49.12                    | 58.60             | 0.91                        | 1.00                       | 3.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 52.93                    | 58.60             | 0.91                        | 1.00                       | 3.24         |

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Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.24         |
| First      | R11       | Floorplan-Dwg  | Residential   | LKD       | W16         | 0.68                | 0.92               | 1.02        | 54.86                    | 90.11             | 0.91                        | 1.00                       | 2.18         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 25.23                    | 90.11             | 0.91                        | 1.00                       | 1.00         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 25.39                    | 90.11             | 0.91                        | 1.00                       | 1.01         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.19         |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 0.68                | 0.92               | 1.02        | 45.57                    | 50.57             | 0.91                        | 1.00                       | 3.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.23         |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 45.18                    | 67.09             | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.41         |
| First      | R14       | Floorplan-Dwg  | Residential   | LKD       | W21         | 0.68                | 0.92               | 1.02        | 38.36                    | 117.74            | 0.91                        | 1.00                       | 1.17         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.02        | 15.49                    | 117.74            | 0.91                        | 1.00                       | 0.47         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.62        | 28.99                    | 117.74            | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.02        | 16.68                    | 117.74            | 0.91                        | 1.00                       | 0.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.23         |
| First      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 20.09                    | 92.46             | 0.91                        | 1.00                       | 0.78         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.62        | 23.69                    | 92.46             | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.02        | 13.57                    | 92.46             | 0.91                        | 1.00                       | 0.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.39         |
| First      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 0.68                | 0.92               | 1.02        | 25.32                    | 52.88             | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.72         |
| First      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 41.79                    | 53.25             | 0.91                        | 1.00                       | 2.81         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.81         |
| First      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28-L       | 0.68                | 0.92               | 0.07        | 39.50                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.02        | 39.18                    | 52.95             | 0.91                        | 1.00                       | 2.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.68         |
| First      | R19       | Floorplan-Dwg  | Residential   | LKD       | W29-L       | 0.68                | 0.92               | 1.84        | 38.42                    | 110.19            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 3.02        | 28.86                    | 110.19            | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.07        | 80.72                    | 110.19            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.02        | 78.87                    | 110.19            | 0.91                        | 1.00                       | 2.56         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.72         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 34.80                    | 110.18            | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 26.00                    | 110.18            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.08                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.20                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.42         |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 35.77                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 35.50                    | 52.95             | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.43         |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 37.01                    | 53.25             | 0.91                        | 1.00                       | 2.49         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.49         |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 16.67                    | 52.88             | 0.91                        | 1.00                       | 1.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.13         |
| Second     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 13.92                    | 92.46             | 0.91                        | 0.15                       | 0.05         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 8.69                     | 92.46             | 0.91                        | 1.00                       | 0.34         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 13.02                    | 92.46             | 0.91                        | 1.00                       | 0.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.89         |
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 19.96                    | 117.74            | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 13.06                    | 117.74            | 0.91                        | 1.00                       | 0.40         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 9.72                     | 117.74            | 0.91                        | 1.00                       | 0.30         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 25.66                    | 117.74            | 0.91                        | 1.00                       | 0.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.53         |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 31.28                    | 67.09             | 0.91                        | 1.00                       | 1.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.67         |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 33.80                    | 50.57             | 0.91                        | 1.00                       | 2.39         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.39         |
| Second     | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 41.50                    | 90.11             | 0.91                        | 1.00                       | 1.65         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 41.98                    | 90.11             | 0.91                        | 1.00                       | 1.67         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 42.49                    | 90.11             | 0.91                        | 0.15                       | 0.15         |

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Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 29.36                    | 90.11             | 0.91                        | 1.00                       | 1.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.64         |
| Second     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 48.87                    | 58.60             | 0.91                        | 1.00                       | 2.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.99         |
| Second     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 0.68                | 0.92               | 1.02        | 52.13                    | 58.60             | 0.91                        | 1.00                       | 3.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.19         |
| Second     | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 53.82                    | 90.11             | 0.91                        | 1.00                       | 2.14         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 44.00                    | 90.11             | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 29.43                    | 90.11             | 0.91                        | 1.00                       | 1.17         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 28.85                    | 90.11             | 0.91                        | 1.00                       | 1.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.62         |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 46.13                    | 50.57             | 0.91                        | 1.00                       | 3.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.27         |
| Second     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 45.36                    | 67.09             | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.42         |
| Second     | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 0.68                | 0.92               | 1.02        | 38.09                    | 117.74            | 0.91                        | 1.00                       | 1.16         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 18.41                    | 117.74            | 0.91                        | 1.00                       | 0.56         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 33.90                    | 117.74            | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.02        | 22.37                    | 117.74            | 0.91                        | 1.00                       | 0.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.49         |
| Second     | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 0.68                | 0.92               | 1.02        | 22.29                    | 92.46             | 0.91                        | 1.00                       | 0.86         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.62        | 27.55                    | 92.46             | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 15.96                    | 92.46             | 0.91                        | 1.00                       | 0.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.58         |
| Second     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 25.76                    | 52.88             | 0.91                        | 1.00                       | 1.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.75         |
| Second     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 43.18                    | 53.25             | 0.91                        | 1.00                       | 2.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.91         |
| Second     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.07        | 38.26                    | 52.95             | 0.91                        | 0.15                       | 0.03         |

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Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.02        | 37.89                    | 52.95             | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.59         |
| Second     | R20       | Floorplan-Dwg  | Residential   | LKD       | W30-L       | 0.68                | 0.92               | 1.84        | 40.26                    | 110.19            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 30.80                    | 110.19            | 0.91                        | 1.00                       | 2.97         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.07        | 81.26                    | 110.19            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 79.29                    | 110.19            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.93         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 36.90                    | 110.18            | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 27.85                    | 110.18            | 0.91                        | 1.00                       | 2.69         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.62         |
| Third      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 37.64                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 37.31                    | 52.95             | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.55         |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 38.72                    | 53.25             | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.61         |
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 20.40                    | 52.88             | 0.91                        | 1.00                       | 1.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.38         |
| Third      | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 18.41                    | 92.46             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 9.82                     | 92.46             | 0.91                        | 1.00                       | 0.38         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 14.81                    | 92.46             | 0.91                        | 1.00                       | 0.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.02         |
| Third      | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 24.38                    | 117.74            | 0.91                        | 0.15                       | 0.07         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 17.55                    | 117.74            | 0.91                        | 1.00                       | 0.53         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 12.16                    | 117.74            | 0.91                        | 1.00                       | 0.37         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 28.77                    | 117.74            | 0.91                        | 1.00                       | 0.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.85         |
| Third      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 34.88                    | 67.09             | 0.91                        | 1.00                       | 1.86         |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.86         |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 37.03                    | 50.57             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.62         |
| Third      | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 44.67                    | 90.11             | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 45.40                    | 90.11             | 0.91                        | 1.00                       | 1.81         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 46.43                    | 90.11             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 33.50                    | 90.11             | 0.91                        | 1.00                       | 1.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.08         |
| Third      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 52.31                    | 58.60             | 0.91                        | 1.00                       | 3.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.20         |
| Third      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 0.68                | 0.92               | 1.02        | 55.79                    | 58.60             | 0.91                        | 1.00                       | 3.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.41         |
| Third      | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 57.18                    | 90.11             | 0.91                        | 1.00                       | 2.27         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 48.48                    | 90.11             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 33.36                    | 90.11             | 0.91                        | 1.00                       | 1.33         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 32.81                    | 90.11             | 0.91                        | 1.00                       | 1.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.08         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 50.79                    | 50.51             | 0.91                        | 1.00                       | 3.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.60         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 50.29                    | 67.09             | 0.91                        | 1.00                       | 2.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.69         |
| Third      | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 0.68                | 0.92               | 1.02        | 41.74                    | 117.74            | 0.91                        | 1.00                       | 1.27         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 21.48                    | 117.74            | 0.91                        | 1.00                       | 0.65         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 39.46                    | 117.74            | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.02        | 27.27                    | 117.74            | 0.91                        | 1.00                       | 0.83         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.86         |
| Third      | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 0.68                | 0.92               | 1.02        | 24.64                    | 92.46             | 0.91                        | 1.00                       | 0.95         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.62        | 32.91                    | 92.46             | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 18.05                    | 92.46             | 0.91                        | 1.00                       | 0.70         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.77         |
| Third      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 31.20                    | 52.88             | 0.91                        | 1.00                       | 2.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.11         |
| Third      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 44.74                    | 53.25             | 0.91                        | 1.00                       | 3.01         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.01         |
| Third      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.07        | 39.67                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.68         |
| Third      | R20       | Floorplan-Dwg  | Residential   | LKD       | W30-L       | 0.68                | 0.92               | 1.84        | 42.40                    | 110.19            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.12         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 40.94                    | 110.18            | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.19         |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 41.50                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.90         |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 41.29                    | 53.25             | 0.91                        | 1.00                       | 2.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.78         |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 25.00                    | 52.88             | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.69         |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 27.60                    | 92.46             | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.48         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fourth     | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 31.18                    | 117.74            | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 21.88                    | 117.74            | 0.91                        | 1.00                       | 0.67         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 19.01                    | 117.74            | 0.91                        | 1.00                       | 0.58         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 28.41                    | 117.74            | 0.91                        | 1.00                       | 0.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.20         |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 17.80                    | 67.09             | 0.91                        | 1.00                       | 0.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 0.95         |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 39.83                    | 50.57             | 0.91                        | 1.00                       | 2.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.82         |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 48.06                    | 90.11             | 0.91                        | 1.00                       | 1.91         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 48.98                    | 90.11             | 0.91                        | 1.00                       | 1.95         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 61.65                    | 90.11             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 57.76                    | 90.11             | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.38         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 57.86                    | 58.60             | 0.91                        | 1.00                       | 3.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.54         |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 0.68                | 0.92               | 1.02        | 59.32                    | 58.60             | 0.91                        | 1.00                       | 3.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.63         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 60.35                    | 90.11             | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 65.41                    | 90.11             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 63.33                    | 90.11             | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 63.28                    | 90.11             | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.67         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 55.07                    | 50.57             | 0.91                        | 1.00                       | 3.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.90         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 30.13                    | 67.09             | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.61         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 0.68                | 0.92               | 1.02        | 43.65                    | 117.74            | 0.91                        | 1.00                       | 1.33         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 31.99                    | 117.74            | 0.91                        | 1.00                       | 0.97         |

Project Name: Hillingdon Gateway

Project No.: Release 06

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 46.71                    | 117.74            | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.02        | 35.71                    | 117.74            | 0.91                        | 1.00                       | 1.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.52         |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 0.68                | 0.92               | 1.02        | 33.22                    | 92.46             | 0.91                        | 1.00                       | 1.29         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.62        | 42.29                    | 92.46             | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 28.40                    | 92.46             | 0.91                        | 1.00                       | 1.10         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.54         |
| Fourth     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 37.41                    | 52.88             | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.53         |
| Fourth     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 47.52                    | 53.25             | 0.91                        | 1.00                       | 3.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.20         |
| Fourth     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.07        | 43.07                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.02        | 43.94                    | 52.95             | 0.91                        | 1.00                       | 2.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.00         |
| Fourth     | R20       | Floorplan-Dwg  | Residential   | LKD       | W30-L       | 0.68                | 0.92               | 1.84        | 46.64                    | 110.19            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 38.05                    | 110.19            | 0.91                        | 1.00                       | 3.67         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.19            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.19            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.69         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 50.05                    | 51.85             | 0.91                        | 1.00                       | 3.46         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 48.25                    | 51.85             | 0.91                        | 1.00                       | 3.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.79         |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 36.55                    | 105.70            | 0.91                        | 1.00                       | 1.24         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 23.37                    | 105.70            | 0.91                        | 1.00                       | 0.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.03         |
| Fifth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 22.60                    | 61.48             | 0.91                        | 1.00                       | 1.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.32         |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 28.88                    | 62.32             | 0.91                        | 1.00                       | 1.66         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 36.36                    | 62.32             | 0.91                        | 1.00                       | 2.09         |

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.75         |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 21.64                    | 108.48            | 0.91                        | 1.00                       | 0.71         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.62        | 33.40                    | 108.48            | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.02        | 23.10                    | 108.48            | 0.91                        | 1.00                       | 0.76         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 67.65                    | 108.48            | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 67.80                    | 108.48            | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 68.02                    | 108.48            | 0.91                        | 1.00                       | 2.25         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 68.29                    | 108.48            | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.55        |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 68.61                    | 108.48            | 0.91                        | 1.00                       | 2.27         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 68.94                    | 108.48            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 69.26                    | 108.48            | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 69.50                    | 108.48            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 51.47                    | 108.48            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 37.10                    | 108.48            | 0.91                        | 1.00                       | 1.23         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 37.29                    | 108.48            | 0.91                        | 1.00                       | 1.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.74        |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 51.19                    | 62.32             | 0.91                        | 1.00                       | 2.94         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 42.82                    | 62.32             | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.40         |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 37.19                    | 61.48             | 0.91                        | 1.00                       | 2.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.17         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 36.21                    | 105.98            | 0.91                        | 1.00                       | 1.22         |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 47.29                    | 105.98            | 0.91                        | 1.00                       | 1.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.82         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 59.98                    | 51.85             | 0.91                        | 1.00                       | 4.14         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 61.22                    | 51.85             | 0.91                        | 1.00                       | 4.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.37         |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 55.76                    | 51.85             | 0.91                        | 1.00                       | 3.85         |

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Project Name: Hillingdon Gateway

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 42.11                    | 61.48             | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.45         |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 41.57                    | 105.94            | 0.91                        | 1.00                       | 1.41         |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 52.56                    | 105.94            | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.18         |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 66.70                    | 51.85             | 0.91                        | 1.00                       | 4.61         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 67.98                    | 51.85             | 0.91                        | 1.00                       | 4.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.31         |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 59.06                    | 51.85             | 0.91                        | 1.00                       | 4.08         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 58.09                    | 51.85             | 0.91                        | 1.00                       | 4.01         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.10         |
| Seventh    | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 57.29                    | 105.70            | 0.91                        | 1.00                       | 1.94         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 56.67                    | 105.70            | 0.91                        | 1.00                       | 1.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.86         |
| Seventh    | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 55.90                    | 61.48             | 0.91                        | 1.00                       | 3.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.26         |
| Seventh    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 55.79                    | 62.32             | 0.91                        | 1.00                       | 3.21         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 55.95                    | 62.32             | 0.91                        | 1.00                       | 3.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.42         |
| Seventh    | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 55.79                    | 108.48            | 0.91                        | 1.00                       | 1.84         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.62        | 55.95                    | 108.48            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.02        | 56.25                    | 108.48            | 0.91                        | 1.00                       | 1.86         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 72.74                    | 108.48            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 72.82                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 72.91                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 72.99                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.50        |
| Seventh    | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 73.08                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 73.19                    | 108.48            | 0.91                        | 1.00                       | 2.42         |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 73.30                    | 108.48            | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 73.39                    | 108.48            | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 72.25                    | 108.48            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 71.98                    | 108.48            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 71.73                    | 108.48            | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.64        |
| Seventh    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 71.63                    | 62.32             | 0.91                        | 1.00                       | 4.12         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 71.47                    | 62.32             | 0.91                        | 1.00                       | 4.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.23         |
| Seventh    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 71.34                    | 61.48             | 0.91                        | 1.00                       | 4.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 71.27                    | 105.98            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 71.31                    | 105.98            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.82         |
| Seventh    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 71.39                    | 51.85             | 0.91                        | 1.00                       | 4.93         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 71.54                    | 51.85             | 0.91                        | 1.00                       | 4.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.88         |
| Building 7 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 58.84                    | 68.29             | 0.91                        | 1.00                       | 3.09         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 58.65                    | 68.29             | 0.91                        | 1.00                       | 3.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.17         |
| Ground     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 59.18                    | 63.07             | 0.91                        | 1.00                       | 3.36         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 59.03                    | 63.07             | 0.91                        | 1.00                       | 3.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.72         |
| Ground     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 59.06                    | 63.07             | 0.91                        | 1.00                       | 3.36         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 59.08                    | 63.07             | 0.91                        | 1.00                       | 3.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.71         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Ground     | R4        | Floorplan-Dwg  | Residential   | LKD       | W7          | 0.68                | 0.92               | 1.02        | 35.18                    | 129.03            | 0.91                        | 1.00                       | 0.98         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 28.07                    | 129.03            | 0.91                        | 1.00                       | 0.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.76         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 38.15                    | 100.78            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 28.46                    | 100.78            | 0.91                        | 1.00                       | 3.00         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.07        | 80.78                    | 100.78            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 78.91                    | 100.78            | 0.91                        | 1.00                       | 2.81         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.21         |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 37.38                    | 52.60             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 36.97                    | 52.60             | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.55         |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 24.95                    | 52.88             | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.69         |
| First      | R4        | Floorplan-Dwg  | Residential   | LKD       | W4-L        | 0.68                | 0.92               | 0.62        | 22.74                    | 92.46             | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.02        | 12.23                    | 92.46             | 0.91                        | 1.00                       | 0.47         |
|            |           |                |               |           | W5          | 0.68                | 0.92               | 1.02        | 19.68                    | 92.46             | 0.91                        | 1.00                       | 0.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.32         |
| First      | R5        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 0.62        | 27.92                    | 117.75            | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.02        | 14.91                    | 117.75            | 0.91                        | 1.00                       | 0.45         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 14.54                    | 117.75            | 0.91                        | 1.00                       | 0.44         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 37.38                    | 117.75            | 0.91                        | 1.00                       | 1.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.11         |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 43.75                    | 67.09             | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.34         |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 45.53                    | 50.57             | 0.91                        | 1.00                       | 3.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.23         |
| First      | R8        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 50.81                    | 90.11             | 0.91                        | 1.00                       | 2.02         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 50.86                    | 90.11             | 0.91                        | 1.00                       | 2.02         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 35.45                    | 90.11             | 0.91                        | 1.00                       | 1.41         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.45         |
| First      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 0.68                | 0.92               | 1.02        | 54.97                    | 58.60             | 0.91                        | 1.00                       | 3.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.36         |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 57.73                    | 58.60             | 0.91                        | 1.00                       | 3.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.53         |
| First      | R11       | Floorplan-Dwg  | Residential   | LKD       | W16         | 0.68                | 0.92               | 1.02        | 55.82                    | 90.11             | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 26.27                    | 90.11             | 0.91                        | 1.00                       | 1.04         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 25.19                    | 90.11             | 0.91                        | 1.00                       | 1.00         |
|            |           |                |               |           |             |                     |                    | 4.27        |                          |                   |                             |                            |              |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 0.68                | 0.92               | 1.02        | 46.04                    | 50.57             | 0.91                        | 1.00                       | 3.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.26         |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 45.45                    | 67.09             | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.43         |
| First      | R14       | Floorplan-Dwg  | Residential   | LKD       | W21         | 0.68                | 0.92               | 1.02        | 38.72                    | 117.74            | 0.91                        | 1.00                       | 1.18         |
|            |           |                |               |           | W22         | 0.68                | 0.92               | 1.02        | 16.05                    | 117.74            | 0.91                        | 1.00                       | 0.49         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.62        | 29.34                    | 117.74            | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.02        | 16.67                    | 117.74            | 0.91                        | 1.00                       | 0.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.26         |
| First      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 20.49                    | 92.46             | 0.91                        | 1.00                       | 0.79         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.62        | 24.11                    | 92.46             | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.02        | 14.02                    | 92.46             | 0.91                        | 1.00                       | 0.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.42         |
| First      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 0.68                | 0.92               | 1.02        | 25.70                    | 52.88             | 0.91                        | 1.00                       | 1.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.74         |
| First      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 39.96                    | 53.25             | 0.91                        | 1.00                       | 2.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.69         |
| First      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28-L       | 0.68                | 0.92               | 0.07        | 37.27                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 1.02        | 37.02                    | 52.95             | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           |             |                     |                    | 2.53        |                          |                   |                             |                            |              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| First      | R19       | Floorplan-Dwg  | Residential   | LKD       | W29-L       | 0.68                | 0.92               | 1.84        | 36.21                    | 110.18            | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 3.02        | 26.28                    | 110.18            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.07        | 81.11                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.02        | 79.16                    | 110.18            | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 39.95                    | 110.18            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 30.41                    | 110.18            | 0.91                        | 1.00                       | 2.93         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.27                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.30                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 38.38                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 37.97                    | 52.95             | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.60         |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 43.09                    | 53.25             | 0.91                        | 1.00                       | 2.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.90         |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 25.43                    | 52.88             | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.72         |
| Second     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 26.78                    | 92.46             | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 14.71                    | 92.46             | 0.91                        | 1.00                       | 0.57         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 21.95                    | 92.46             | 0.91                        | 1.00                       | 0.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.52         |
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 33.05                    | 117.75            | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 21.23                    | 117.75            | 0.91                        | 1.00                       | 0.65         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 17.64                    | 117.75            | 0.91                        | 1.00                       | 0.54         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 37.15                    | 117.75            | 0.91                        | 1.00                       | 1.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.40         |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 43.83                    | 67.09             | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.34         |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 45.22                    | 50.57             | 0.91                        | 1.00                       | 3.20         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.20         |
| Second     | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 51.47                    | 90.11             | 0.91                        | 1.00                       | 2.05         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 51.57                    | 90.11             | 0.91                        | 1.00                       | 2.05         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 50.38                    | 90.11             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 37.63                    | 90.11             | 0.91                        | 1.00                       | 1.50         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.78         |
| Second     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 54.49                    | 58.60             | 0.91                        | 1.00                       | 3.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.33         |
| Second     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 0.68                | 0.92               | 1.02        | 56.89                    | 58.60             | 0.91                        | 1.00                       | 3.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.48         |
| Second     | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 55.27                    | 90.11             | 0.91                        | 1.00                       | 2.20         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 44.07                    | 90.11             | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 29.38                    | 90.11             | 0.91                        | 1.00                       | 1.17         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 30.00                    | 90.11             | 0.91                        | 1.00                       | 1.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.72         |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 46.76                    | 50.57             | 0.91                        | 1.00                       | 3.31         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.31         |
| Second     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 45.80                    | 67.09             | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.45         |
| Second     | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 0.68                | 0.92               | 1.02        | 38.59                    | 117.75            | 0.91                        | 1.00                       | 1.17         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 19.09                    | 117.75            | 0.91                        | 1.00                       | 0.58         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 34.37                    | 117.75            | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.02        | 22.66                    | 117.75            | 0.91                        | 1.00                       | 0.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.54         |
| Second     | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 0.68                | 0.92               | 1.02        | 22.75                    | 92.46             | 0.91                        | 1.00                       | 0.88         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.62        | 28.04                    | 92.46             | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 16.54                    | 92.46             | 0.91                        | 1.00                       | 0.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.62         |
| Second     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 26.24                    | 52.88             | 0.91                        | 1.00                       | 1.78         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.78         |
| Second     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 42.27                    | 53.25             | 0.91                        | 1.00                       | 2.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.84         |
| Second     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.07        | 36.43                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.02        | 36.14                    | 52.95             | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.47         |
| Second     | R20       | Floorplan-Dwg  | Residential   | LKD       | W30-L       | 0.68                | 0.92               | 1.84        | 38.62                    | 110.18            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 29.05                    | 110.18            | 0.91                        | 1.00                       | 2.80         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.07        | 81.33                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 79.33                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.75         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 42.11                    | 110.18            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 32.25                    | 110.18            | 0.91                        | 1.00                       | 3.11         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.09         |
| Third      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 39.86                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 39.45                    | 52.95             | 0.91                        | 1.00                       | 2.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.70         |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 45.10                    | 53.25             | 0.91                        | 1.00                       | 3.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.04         |
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 30.83                    | 52.88             | 0.91                        | 1.00                       | 2.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.09         |
| Third      | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 32.44                    | 92.46             | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 16.60                    | 92.46             | 0.91                        | 1.00                       | 0.64         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 24.04                    | 92.46             | 0.91                        | 1.00                       | 0.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.69         |
| Third      | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 39.00                    | 117.75            | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 26.08                    | 117.75            | 0.91                        | 1.00                       | 0.79         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 20.52                    | 117.75            | 0.91                        | 1.00                       | 0.62         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 37.42                    | 117.75            | 0.91                        | 1.00                       | 1.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.66         |
| Third      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 48.58                    | 67.09             | 0.91                        | 1.00                       | 2.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.59         |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 49.57                    | 50.57             | 0.91                        | 1.00                       | 3.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.51         |
| Third      | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 55.57                    | 90.11             | 0.91                        | 1.00                       | 2.21         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 55.76                    | 90.11             | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 53.33                    | 90.11             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 40.82                    | 90.11             | 0.91                        | 1.00                       | 1.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.24         |
| Third      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 57.49                    | 58.60             | 0.91                        | 1.00                       | 3.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.52         |
| Third      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 0.68                | 0.92               | 1.02        | 60.20                    | 58.60             | 0.91                        | 1.00                       | 3.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.68         |
| Third      | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 58.92                    | 90.11             | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 48.92                    | 90.11             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 33.67                    | 90.11             | 0.91                        | 1.00                       | 1.34         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 34.10                    | 90.11             | 0.91                        | 1.00                       | 1.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.21         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 51.58                    | 50.57             | 0.91                        | 1.00                       | 3.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.65         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 50.88                    | 67.09             | 0.91                        | 1.00                       | 2.72         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.72         |
| Third      | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 0.68                | 0.92               | 1.02        | 42.34                    | 117.75            | 0.91                        | 1.00                       | 1.29         |
|            |           |                |               |           | W23         | 0.68                | 0.92               | 1.02        | 22.24                    | 117.75            | 0.91                        | 1.00                       | 0.68         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 40.32                    | 117.75            | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.02        | 27.77                    | 117.75            | 0.91                        | 1.00                       | 0.85         |



| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.92         |
| Third      | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 0.68                | 0.92               | 1.02        | 25.22                    | 92.46             | 0.91                        | 1.00                       | 0.98         |
|            |           |                |               |           | W26-L       | 0.68                | 0.92               | 0.62        | 33.65                    | 92.46             | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 18.70                    | 92.46             | 0.91                        | 1.00                       | 0.72         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.82         |
| Third      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 31.73                    | 52.88             | 0.91                        | 1.00                       | 2.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.15         |
| Third      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 44.82                    | 53.25             | 0.91                        | 1.00                       | 3.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.02         |
| Third      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.07        | 38.48                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.02        | 38.18                    | 52.95             | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R20       | Floorplan-Dwg  | Residential   | LKD       | W30-L       | 0.68                | 0.92               | 1.84        | 41.40                    | 110.18            | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 31.67                    | 110.18            | 0.91                        | 1.00                       | 3.06         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 46.39                    | 110.18            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 37.47                    | 110.18            | 0.91                        | 1.00                       | 3.61         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 43.25                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 44.20                    | 52.95             | 0.91                        | 1.00                       | 2.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 48.31                    | 53.25             | 0.91                        | 1.00                       | 3.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.25         |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 38.71                    | 52.88             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.62         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fourth     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 53.42                    | 92.46             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 52.87                    | 92.46             | 0.91                        | 1.00                       | 2.05         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 52.85                    | 92.46             | 0.91                        | 1.00                       | 2.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.29         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 55.74                    | 117.75            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 54.78                    | 117.75            | 0.91                        | 1.00                       | 1.67         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 55.24                    | 117.75            | 0.91                        | 1.00                       | 1.68         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 48.36                    | 117.75            | 0.91                        | 1.00                       | 1.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.97         |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 27.08                    | 67.09             | 0.91                        | 1.00                       | 1.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.45         |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 52.05                    | 50.57             | 0.91                        | 1.00                       | 3.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.69         |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 59.79                    | 90.11             | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 59.97                    | 90.11             | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 67.48                    | 90.11             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 63.05                    | 90.11             | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.51         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 62.67                    | 58.60             | 0.91                        | 1.00                       | 3.83         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.83         |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 0.68                | 0.92               | 1.02        | 63.15                    | 58.60             | 0.91                        | 1.00                       | 3.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.86         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 62.24                    | 90.11             | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 66.31                    | 90.11             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 64.06                    | 90.11             | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 64.63                    | 90.11             | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.83         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 55.99                    | 50.57             | 0.91                        | 1.00                       | 3.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.97         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed  |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|---------------|
| Fifth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 61.22                    | 61.48             | 0.91                        | 1.00                       | 3.57<br>3.57  |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 61.18                    | 62.04             | 0.91                        | 1.00                       | 3.53          |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 53.66                    | 62.04             | 0.91                        | 1.00                       | 3.10<br>6.63  |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 35.99                    | 108.48            | 0.91                        | 1.00                       | 1.19          |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.62        | 49.32                    | 108.48            | 0.91                        | 0.15                       | 0.15          |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.02        | 35.25                    | 108.48            | 0.91                        | 1.00                       | 1.16          |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 70.90                    | 108.48            | 0.91                        | 1.00                       | 2.34          |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 70.98                    | 108.48            | 0.91                        | 1.00                       | 2.34          |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 71.06                    | 108.48            | 0.91                        | 1.00                       | 2.35          |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 71.15                    | 108.48            | 0.91                        | 1.00                       | 2.35<br>11.88 |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 71.26                    | 108.48            | 0.91                        | 1.00                       | 2.35          |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 71.35                    | 108.48            | 0.91                        | 1.00                       | 2.36          |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 71.38                    | 108.48            | 0.91                        | 1.00                       | 2.36          |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 71.40                    | 108.48            | 0.91                        | 1.00                       | 2.36          |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 52.64                    | 108.48            | 0.91                        | 0.15                       | 0.16          |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 38.89                    | 108.48            | 0.91                        | 1.00                       | 1.28          |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 38.96                    | 108.48            | 0.91                        | 1.00                       | 1.29<br>12.16 |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 55.55                    | 62.32             | 0.91                        | 1.00                       | 3.19          |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 63.03                    | 62.32             | 0.91                        | 1.00                       | 3.62<br>6.82  |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 62.91                    | 61.48             | 0.91                        | 1.00                       | 3.67<br>3.67  |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 62.36                    | 105.70            | 0.91                        | 1.00                       | 2.11          |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 62.02                    | 105.70            | 0.91                        | 1.00                       | 2.10<br>4.22  |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fifth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 61.10                    | 51.85             | 0.91                        | 1.00                       | 4.22         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 61.19                    | 51.85             | 0.91                        | 1.00                       | 4.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.45         |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 67.11                    | 51.85             | 0.91                        | 1.00                       | 4.64         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 66.67                    | 51.85             | 0.91                        | 1.00                       | 4.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.24         |
| Sixth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 66.33                    | 105.70            | 0.91                        | 1.00                       | 2.25         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 66.08                    | 105.70            | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.49         |
| Sixth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 65.90                    | 61.48             | 0.91                        | 1.00                       | 3.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.84         |
| Sixth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 65.81                    | 62.04             | 0.91                        | 1.00                       | 3.80         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 58.56                    | 62.04             | 0.91                        | 1.00                       | 3.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.18         |
| Sixth      | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 40.66                    | 108.48            | 0.91                        | 1.00                       | 1.34         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 39.82                    | 108.48            | 0.91                        | 1.00                       | 1.32         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 72.73                    | 108.48            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 72.80                    | 108.48            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 72.88                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 72.95                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.28        |
| Sixth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 73.03                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 73.11                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 73.15                    | 108.48            | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 73.20                    | 108.48            | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 42.40                    | 108.48            | 0.91                        | 1.00                       | 1.40         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 42.76                    | 108.48            | 0.91                        | 1.00                       | 1.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.47        |
| Sixth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 60.03                    | 62.32             | 0.91                        | 1.00                       | 3.45         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 67.30                    | 62.32             | 0.91                        | 1.00                       | 3.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.32         |
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 67.30                    | 61.48             | 0.91                        | 1.00                       | 3.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.92         |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 67.16                    | 105.70            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 67.25                    | 105.70            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.56         |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 67.45                    | 51.85             | 0.91                        | 1.00                       | 4.66         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 67.78                    | 51.85             | 0.91                        | 1.00                       | 4.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.34         |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 70.34                    | 51.85             | 0.91                        | 1.00                       | 4.86         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 70.02                    | 51.85             | 0.91                        | 1.00                       | 4.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.70         |
| Seventh    | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 69.75                    | 105.70            | 0.91                        | 1.00                       | 2.36         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 69.53                    | 105.70            | 0.91                        | 1.00                       | 2.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.72         |
| Seventh    | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 69.27                    | 61.48             | 0.91                        | 1.00                       | 4.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.04         |
| Seventh    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 69.30                    | 62.04             | 0.91                        | 1.00                       | 4.00         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 69.39                    | 62.04             | 0.91                        | 1.00                       | 4.01         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.01         |
| Seventh    | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 69.25                    | 108.48            | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 69.24                    | 108.48            | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 74.14                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 74.20                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 74.24                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 74.27                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.38        |
| Seventh    | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 74.31                    | 108.48            | 0.91                        | 1.00                       | 2.45         |

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| Floor Ref.       | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|                  |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 74.35                    | 108.48            | 0.91                        | 1.00                       | 2.46         |
|                  |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 74.37                    | 108.48            | 0.91                        | 1.00                       | 2.46         |
|                  |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 74.40                    | 108.48            | 0.91                        | 1.00                       | 2.46         |
|                  |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 71.93                    | 108.48            | 0.91                        | 1.00                       | 2.38         |
|                  |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 71.67                    | 108.48            | 0.91                        | 1.00                       | 2.37         |
| <div>14.57</div> |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh          | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 71.51                    | 62.32             | 0.91                        | 1.00                       | 4.11         |
|                  |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 71.33                    | 62.32             | 0.91                        | 1.00                       | 4.10         |
| <div>8.21</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh          | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 71.17                    | 61.48             | 0.91                        | 1.00                       | 4.15         |
|                  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh          | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 71.08                    | 105.70            | 0.91                        | 1.00                       | 2.41         |
|                  |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 71.12                    | 105.70            | 0.91                        | 1.00                       | 2.41         |
| <div>4.82</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh          | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 71.21                    | 51.85             | 0.91                        | 1.00                       | 4.92         |
|                  |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 71.36                    | 51.85             | 0.91                        | 1.00                       | 4.93         |
| <div>9.85</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Building 8       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground           | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 54.13                    | 68.29             | 0.91                        | 1.00                       | 2.84         |
|                  |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 53.97                    | 68.29             | 0.91                        | 1.00                       | 2.83         |
| <div>5.67</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground           | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 54.22                    | 63.07             | 0.91                        | 1.00                       | 3.08         |
|                  |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 54.05                    | 63.07             | 0.91                        | 1.00                       | 3.07         |
| <div>6.15</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground           | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 53.71                    | 63.07             | 0.91                        | 1.00                       | 3.05         |
|                  |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 53.72                    | 63.07             | 0.91                        | 1.00                       | 3.05         |
| <div>6.10</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |



Project Name: Hillingdon Gateway

Project No.: Release 06

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Ground     | R4        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 38.60                    | 129.03            | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 28.89                    | 129.03            | 0.91                        | 1.00                       | 0.80         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 20.92                    | 129.03            | 0.91                        | 1.00                       | 0.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.48         |
| Ground     | R5        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 0.62        | 42.05                    | 136.63            | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.02        | 42.26                    | 136.63            | 0.91                        | 1.00                       | 1.11         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 31.74                    | 136.63            | 0.91                        | 1.00                       | 0.83         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 38.18                    | 136.63            | 0.91                        | 1.00                       | 1.00         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 37.91                    | 136.63            | 0.91                        | 1.00                       | 0.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.04         |
| Ground     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.02        | 45.64                    | 56.72             | 0.91                        | 1.00                       | 2.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.88         |
| Ground     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 0.68                | 0.92               | 1.02        | 45.98                    | 51.85             | 0.91                        | 1.00                       | 3.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.18         |
| Ground     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 39.61                    | 60.06             | 0.91                        | 1.00                       | 2.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.36         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 37.14                    | 100.78            | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 27.27                    | 100.78            | 0.91                        | 1.00                       | 2.88         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.14                    | 100.78            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.17                    | 100.78            | 0.91                        | 1.00                       | 2.81         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.08         |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 33.09                    | 52.60             | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 32.75                    | 52.60             | 0.91                        | 1.00                       | 2.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.25         |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 26.13                    | 52.88             | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.77         |
| First      | R4        | Floorplan-Dwg  | Residential   | LKD       | W4          | 0.68                | 0.92               | 1.02        | 13.19                    | 92.46             | 0.91                        | 1.00                       | 0.51         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.62        | 25.67                    | 92.46             | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 19.50                    | 92.46             | 0.91                        | 1.00                       | 0.76         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.36         |
| First      | R5        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 0.62        | 28.51                    | 100.37            | 0.91                        | 0.15                       | 0.09         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.02        | 14.88                    | 100.37            | 0.91                        | 1.00                       | 0.53         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 16.70                    | 100.37            | 0.91                        | 1.00                       | 0.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.22         |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 41.15                    | 57.00             | 0.91                        | 1.00                       | 2.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.59         |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 44.71                    | 61.48             | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.61         |
| First      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 47.20                    | 62.32             | 0.91                        | 1.00                       | 2.71         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.71         |
| First      | R9        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 47.98                    | 108.48            | 0.91                        | 1.00                       | 1.58         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 48.83                    | 108.48            | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 31.81                    | 108.48            | 0.91                        | 1.00                       | 1.05         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 40.04                    | 108.48            | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 22.87                    | 108.48            | 0.91                        | 1.00                       | 0.76         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 47.53                    | 108.48            | 0.91                        | 1.00                       | 1.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.69         |
| First      | R10       | Floorplan-Dwg  | Residential   | LKD       | W16         | 0.68                | 0.92               | 1.02        | 48.73                    | 108.48            | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 42.76                    | 108.48            | 0.91                        | 1.00                       | 1.41         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 38.33                    | 108.48            | 0.91                        | 1.00                       | 1.27         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.62        | 51.39                    | 108.48            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 37.94                    | 108.48            | 0.91                        | 1.00                       | 1.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.70         |
| First      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 54.17                    | 62.32             | 0.91                        | 1.00                       | 3.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.11         |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 56.47                    | 61.48             | 0.91                        | 1.00                       | 3.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.29         |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 50.36                    | 57.00             | 0.91                        | 1.00                       | 3.17         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.17         |
| First      | R14       | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 25.40                    | 100.37            | 0.91                        | 1.00                       | 0.91         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 32.66                    | 100.37            | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.02        | 23.62                    | 100.37            | 0.91                        | 1.00                       | 0.84         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.86         |
| First      | R15       | Floorplan-Dwg  | Residential   | LKD       | W25-L       | 0.68                | 0.92               | 0.62        | 26.96                    | 92.46             | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.02        | 23.72                    | 92.46             | 0.91                        | 1.00                       | 0.92         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 17.17                    | 92.46             | 0.91                        | 1.00                       | 0.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.68         |
| First      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 0.68                | 0.92               | 1.02        | 25.45                    | 52.88             | 0.91                        | 1.00                       | 1.72         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.72         |
| First      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 36.67                    | 53.25             | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.47         |
| First      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29-L       | 0.68                | 0.92               | 0.07        | 36.69                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 1.02        | 36.39                    | 52.95             | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.49         |
| First      | R19       | Floorplan-Dwg  | Residential   | LKD       | W30-L       | 0.68                | 0.92               | 1.84        | 27.00                    | 110.18            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 3.02        | 21.01                    | 110.18            | 0.91                        | 1.00                       | 2.03         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.07        | 81.28                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.02        | 79.28                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.87         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 39.33                    | 110.18            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 29.77                    | 110.18            | 0.91                        | 1.00                       | 2.87         |
|            |           |                |               |           | W33-L       | 0.68                | 0.92               | 0.07        | 81.34                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 1.02        | 79.33                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.83         |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 34.42                    | 52.95             | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 34.10                    | 52.95             | 0.91                        | 1.00                       | 2.31         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.33         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 42.84                    | 53.25             | 0.91                        | 1.00                       | 2.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.88         |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 26.44                    | 52.88             | 0.91                        | 1.00                       | 1.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.79         |
| Second     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 29.52                    | 92.46             | 0.91                        | 0.15                       | 0.10         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 21.41                    | 92.46             | 0.91                        | 1.00                       | 0.83         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 15.37                    | 92.46             | 0.91                        | 1.00                       | 0.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.53         |
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 33.35                    | 100.13            | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 20.92                    | 100.13            | 0.91                        | 1.00                       | 0.75         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 19.25                    | 100.13            | 0.91                        | 1.00                       | 0.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.55         |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 42.11                    | 57.00             | 0.91                        | 1.00                       | 2.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.65         |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 45.05                    | 61.65             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.62         |
| Second     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 47.26                    | 62.49             | 0.91                        | 1.00                       | 2.71         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.71         |
| Second     | R10       | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 52.36                    | 108.49            | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 53.23                    | 108.49            | 0.91                        | 1.00                       | 1.76         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 48.47                    | 108.49            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 36.30                    | 108.49            | 0.91                        | 1.00                       | 1.20         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 28.41                    | 108.49            | 0.91                        | 1.00                       | 0.94         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 52.50                    | 108.49            | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.50         |
| Second     | R11       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 54.52                    | 108.49            | 0.91                        | 1.00                       | 1.80         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 49.11                    | 108.49            | 0.91                        | 1.00                       | 1.62         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.62        | 54.76                    | 108.49            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 40.14                    | 108.49            | 0.91                        | 1.00                       | 1.33         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 40.47                    | 108.49            | 0.91                        | 1.00                       | 1.34         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.25         |
| Second     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 57.35                    | 62.49             | 0.91                        | 1.00                       | 3.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.29         |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 56.00                    | 61.65             | 0.91                        | 1.00                       | 3.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.25         |
| Second     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 51.00                    | 57.00             | 0.91                        | 1.00                       | 3.21         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.21         |
| Second     | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 26.30                    | 100.37            | 0.91                        | 1.00                       | 0.94         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.62        | 37.64                    | 100.37            | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.02        | 27.55                    | 100.37            | 0.91                        | 1.00                       | 0.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.04         |
| Second     | R16       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 31.82                    | 92.46             | 0.91                        | 0.15                       | 0.11         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 25.10                    | 92.46             | 0.91                        | 1.00                       | 0.97         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 17.88                    | 92.46             | 0.91                        | 1.00                       | 0.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.78         |
| Second     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 30.61                    | 52.88             | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.07         |
| Second     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 40.21                    | 53.25             | 0.91                        | 1.00                       | 2.71         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.71         |
| Second     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W30-L       | 0.68                | 0.92               | 0.07        | 40.28                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.02        | 40.13                    | 52.95             | 0.91                        | 1.00                       | 2.72         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.74         |
| Second     | R20       | Floorplan-Dwg  | Residential   | LKD       | W31-L       | 0.68                | 0.92               | 1.84        | 29.68                    | 110.19            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 3.02        | 23.51                    | 110.19            | 0.91                        | 1.00                       | 2.27         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.37                    | 110.19            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.34                    | 110.19            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.14         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 41.92                    | 110.18            | 0.91                        | 0.15                       | 0.37         |

Project Name: Hillingdon Gateway

Project No.: Release 06

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Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 32.16                    | 110.18            | 0.91                        | 1.00                       | 3.10         |
|            |           |                |               |           | W33-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.08         |
| Third      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 36.26                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 35.94                    | 52.95             | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.46         |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 45.07                    | 53.25             | 0.91                        | 1.00                       | 3.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.03         |
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 31.68                    | 52.88             | 0.91                        | 1.00                       | 2.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.15         |
| Third      | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 35.21                    | 92.46             | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 23.49                    | 92.46             | 0.91                        | 1.00                       | 0.91         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 17.36                    | 92.46             | 0.91                        | 1.00                       | 0.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.71         |
| Third      | R6        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 0.62        | 39.22                    | 100.13            | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 25.70                    | 100.13            | 0.91                        | 1.00                       | 0.92         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 21.87                    | 100.13            | 0.91                        | 1.00                       | 0.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.83         |
| Third      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 46.72                    | 57.00             | 0.91                        | 1.00                       | 2.94         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.94         |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 50.18                    | 61.65             | 0.91                        | 1.00                       | 2.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.92         |
| Third      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 51.85                    | 62.49             | 0.91                        | 1.00                       | 2.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.97         |
| Third      | R10       | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 56.86                    | 108.49            | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 57.68                    | 108.49            | 0.91                        | 1.00                       | 1.91         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 53.72                    | 108.49            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 42.07                    | 108.49            | 0.91                        | 1.00                       | 1.39         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 35.14                    | 108.49            | 0.91                        | 1.00                       | 1.16         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 59.09                    | 108.49            | 0.91                        | 1.00                       | 1.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.45         |
| Third      | R11       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 60.78                    | 108.49            | 0.91                        | 1.00                       | 2.01         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 55.88                    | 108.49            | 0.91                        | 1.00                       | 1.85         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.62        | 58.59                    | 108.49            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 44.00                    | 108.49            | 0.91                        | 1.00                       | 1.45         |
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 43.97                    | 108.49            | 0.91                        | 1.00                       | 1.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.93         |
| Third      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 61.24                    | 62.49             | 0.91                        | 1.00                       | 3.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.51         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 60.52                    | 61.65             | 0.91                        | 1.00                       | 3.52         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.52         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 55.81                    | 57.00             | 0.91                        | 1.00                       | 3.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.51         |
| Third      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 0.68                | 0.92               | 1.02        | 30.99                    | 100.37            | 0.91                        | 1.00                       | 1.11         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.62        | 45.13                    | 100.37            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.02        | 34.37                    | 100.37            | 0.91                        | 1.00                       | 1.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.48         |
| Third      | R16       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 39.71                    | 92.46             | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 30.47                    | 92.46             | 0.91                        | 1.00                       | 1.18         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 23.74                    | 92.46             | 0.91                        | 1.00                       | 0.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.24         |
| Third      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 37.93                    | 52.88             | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.57         |
| Third      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 44.57                    | 53.25             | 0.91                        | 1.00                       | 3.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.00         |
| Third      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W30-L       | 0.68                | 0.92               | 0.07        | 45.41                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.02        | 45.67                    | 52.95             | 0.91                        | 1.00                       | 3.09         |



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Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.12         |
| Third      | R20       | Floorplan-Dwg  | Residential   | LKD       | W31-L       | 0.68                | 0.92               | 1.84        | 32.98                    | 110.19            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 3.02        | 26.11                    | 110.19            | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.19            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.19            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.42         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 1.84        | 46.89                    | 110.18            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.02        | 38.81                    | 110.18            | 0.91                        | 1.00                       | 3.74         |
|            |           |                |               |           | W33-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.18            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W33-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.18            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.77         |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.07        | 39.73                    | 52.95             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 40.57                    | 52.95             | 0.91                        | 1.00                       | 2.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.77         |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 48.44                    | 53.25             | 0.91                        | 1.00                       | 3.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.26         |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 39.08                    | 52.88             | 0.91                        | 1.00                       | 2.65         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.65         |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.62        | 54.08                    | 92.46             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 53.39                    | 92.46             | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 53.45                    | 92.46             | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.33         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 0.68                | 0.92               | 1.02        | 55.49                    | 100.13            | 0.91                        | 1.00                       | 1.99         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 57.50                    | 100.13            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.02        | 56.01                    | 100.13            | 0.91                        | 1.00                       | 2.00         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.18         |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 42.56                    | 57.00             | 0.91                        | 1.00                       | 2.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.68         |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 34.52                    | 61.65             | 0.91                        | 1.00                       | 2.01         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.01         |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 55.46                    | 62.49             | 0.91                        | 1.00                       | 3.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.18         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 61.16                    | 108.49            | 0.91                        | 1.00                       | 2.02         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 61.80                    | 108.49            | 0.91                        | 1.00                       | 2.04         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 71.00                    | 108.49            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 68.99                    | 108.49            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 68.50                    | 108.49            | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 67.28                    | 108.49            | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.04        |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | LKD       | W17         | 0.68                | 0.92               | 1.02        | 67.25                    | 108.49            | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 62.74                    | 108.49            | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           | W19-L       | 0.68                | 0.92               | 0.62        | 75.85                    | 108.49            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 72.86                    | 108.49            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 72.98                    | 108.49            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.34         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 0.68                | 0.92               | 1.02        | 70.08                    | 62.49             | 0.91                        | 1.00                       | 4.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.02         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 45.80                    | 61.65             | 0.91                        | 1.00                       | 2.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.66         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 53.12                    | 57.00             | 0.91                        | 1.00                       | 3.34         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.34         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 0.62        | 66.31                    | 100.37            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.02        | 65.84                    | 100.37            | 0.91                        | 1.00                       | 2.35         |
|            |           |                |               |           | W25         | 0.68                | 0.92               | 1.02        | 65.24                    | 100.37            | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.89         |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | LKD       | W26-L       | 0.68                | 0.92               | 0.62        | 60.57                    | 92.46             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 1.02        | 61.69                    | 92.46             | 0.91                        | 1.00                       | 2.39         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 62.00                    | 92.46             | 0.91                        | 1.00                       | 2.40         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.01         |
| Fourth     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 0.68                | 0.92               | 1.02        | 48.96                    | 52.88             | 0.91                        | 1.00                       | 3.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.32         |
| Fourth     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 0.68                | 0.92               | 1.02        | 49.81                    | 53.25             | 0.91                        | 1.00                       | 3.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.35         |
| Fourth     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W30-L       | 0.68                | 0.92               | 0.07        | 52.31                    | 52.95             | 0.91                        | 0.15                       | 0.04         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.02        | 52.74                    | 52.95             | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.61         |
| Fourth     | R20       | Floorplan-Dwg  | Residential   | LKD       | W31-L       | 0.68                | 0.92               | 1.84        | 47.54                    | 110.19            | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 3.02        | 49.69                    | 110.19            | 0.91                        | 1.00                       | 4.79         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.07        | 81.38                    | 110.19            | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.02        | 79.35                    | 110.19            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.82         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 60.76                    | 51.85             | 0.91                        | 1.00                       | 4.20         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 60.57                    | 51.85             | 0.91                        | 1.00                       | 4.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.38         |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 61.35                    | 105.70            | 0.91                        | 1.00                       | 2.08         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 61.57                    | 105.70            | 0.91                        | 1.00                       | 2.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.17         |
| Fifth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 61.82                    | 61.48             | 0.91                        | 1.00                       | 3.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.60         |
| Fifth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 61.75                    | 62.32             | 0.91                        | 1.00                       | 3.55         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 53.97                    | 62.32             | 0.91                        | 1.00                       | 3.10         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.65         |
| Fifth      | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 36.01                    | 108.48            | 0.91                        | 1.00                       | 1.19         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.62        | 50.28                    | 108.48            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.02        | 35.73                    | 108.48            | 0.91                        | 1.00                       | 1.18         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 72.31                    | 108.48            | 0.91                        | 1.00                       | 2.39         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 72.40                    | 108.48            | 0.91                        | 1.00                       | 2.39         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 72.49                    | 108.48            | 0.91                        | 1.00                       | 2.39         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 72.58                    | 108.48            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.09        |
| Fifth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 72.66                    | 108.48            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 72.75                    | 108.48            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 72.86                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 72.94                    | 108.48            | 0.91                        | 1.00                       | 2.41         |
|            |           |                |               |           | W18-L       | 0.68                | 0.92               | 0.62        | 60.88                    | 108.48            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 1.02        | 46.53                    | 108.48            | 0.91                        | 1.00                       | 1.54         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 47.21                    | 108.48            | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.90        |
| Fifth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 64.37                    | 62.32             | 0.91                        | 1.00                       | 3.70         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 72.98                    | 62.32             | 0.91                        | 1.00                       | 4.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.90         |
| Fifth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 73.14                    | 61.48             | 0.91                        | 1.00                       | 4.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.26         |
| Fifth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 72.46                    | 105.70            | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 71.58                    | 105.70            | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.88         |
| Fifth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 70.33                    | 51.85             | 0.91                        | 1.00                       | 4.86         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 68.08                    | 51.85             | 0.91                        | 1.00                       | 4.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.56         |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 67.37                    | 51.85             | 0.91                        | 1.00                       | 4.66         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 66.98                    | 51.85             | 0.91                        | 1.00                       | 4.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.28         |
| Sixth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 66.71                    | 105.70            | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 66.52                    | 105.70            | 0.91                        | 1.00                       | 2.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.52         |
| Sixth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 66.41                    | 61.48             | 0.91                        | 1.00                       | 3.87         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.87         |
| Sixth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 66.28                    | 62.32             | 0.91                        | 1.00                       | 3.81         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 58.81                    | 62.32             | 0.91                        | 1.00                       | 3.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.19         |
| Sixth      | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 40.52                    | 108.48            | 0.91                        | 1.00                       | 1.34         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 40.01                    | 108.48            | 0.91                        | 1.00                       | 1.32         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 73.76                    | 108.48            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.62        | 74.77                    | 108.48            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.02        | 73.57                    | 108.48            | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 73.86                    | 108.48            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 73.91                    | 108.48            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.63        |
| Sixth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 73.96                    | 108.48            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 74.02                    | 108.48            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 74.09                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 74.14                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 47.20                    | 108.48            | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 48.08                    | 108.48            | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.93        |
| Sixth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 66.38                    | 62.32             | 0.91                        | 1.00                       | 3.82         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 74.69                    | 62.32             | 0.91                        | 1.00                       | 4.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.11         |
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 74.99                    | 61.48             | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.37         |
| Sixth      | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 74.99                    | 105.70            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 74.99                    | 105.70            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.08         |
| Sixth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.36        |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 0.68                | 0.92               | 1.02        | 71.12                    | 51.85             | 0.91                        | 1.00                       | 4.91         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 70.93                    | 51.85             | 0.91                        | 1.00                       | 4.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.82         |
| Seventh    | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 0.68                | 0.92               | 1.02        | 70.81                    | 105.70            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           | W4          | 0.68                | 0.92               | 1.02        | 70.69                    | 105.70            | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.80         |
| Seventh    | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 70.57                    | 61.48             | 0.91                        | 1.00                       | 4.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Seventh    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 0.68                | 0.92               | 1.02        | 70.61                    | 62.32             | 0.91                        | 1.00                       | 4.06         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 70.71                    | 62.32             | 0.91                        | 1.00                       | 4.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.12         |
| Seventh    | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 0.68                | 0.92               | 1.02        | 70.83                    | 108.48            | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           | W9          | 0.68                | 0.92               | 1.02        | 70.99                    | 108.48            | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           | W10         | 0.68                | 0.92               | 1.02        | 74.64                    | 108.48            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.62        | 75.65                    | 108.48            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.02        | 74.40                    | 108.48            | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W12         | 0.68                | 0.92               | 1.02        | 74.66                    | 108.48            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 74.68                    | 108.48            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.77        |
| Seventh    | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 74.69                    | 108.48            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W15         | 0.68                | 0.92               | 1.02        | 74.70                    | 108.48            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W16         | 0.68                | 0.92               | 1.02        | 74.72                    | 108.48            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 74.73                    | 108.48            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 74.99                    | 108.48            | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 74.99                    | 108.48            | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.82        |
| Seventh    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 0.68                | 0.92               | 1.02        | 74.99                    | 62.32             | 0.91                        | 1.00                       | 4.31         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 74.99                    | 62.32             | 0.91                        | 1.00                       | 4.31         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.62         |
| Seventh    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 74.99                    | 61.48             | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.37         |
| Seventh    | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 0.68                | 0.92               | 1.02        | 74.99                    | 105.70            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           | W24         | 0.68                | 0.92               | 1.02        | 74.99                    | 105.70            | 0.91                        | 1.00                       | 2.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.08         |
| Seventh    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 74.99                    | 51.85             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.36        |
| Building 9 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 43.81                    | 97.71             | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.02        | 26.71                    | 97.71             | 0.91                        | 1.00                       | 0.98         |
|            |           |                |               |           | W2          | 0.68                | 0.92               | 1.02        | 28.01                    | 97.71             | 0.91                        | 1.00                       | 1.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.15         |
| Ground     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 60.64                    | 52.42             | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.15         |
| Ground     | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 0.68                | 0.92               | 1.02        | 61.88                    | 102.18            | 0.91                        | 1.00                       | 2.17         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 67.52                    | 102.18            | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 66.33                    | 102.18            | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 1.63        | 66.04                    | 102.18            | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.69        | 49.27                    | 102.18            | 0.91                        | 1.00                       | 4.56         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.98        |
| Ground     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 43.66                    | 43.02             | 0.91                        | 1.00                       | 3.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.64         |
| Ground     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 71.19                    | 54.76             | 0.91                        | 1.00                       | 4.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.66         |
| Ground     | R6        | Floorplan-Dwg  | Residential   | LKD       | W11         | 0.68                | 0.92               | 1.02        | 70.61                    | 107.12            | 0.91                        | 1.00                       | 2.36         |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 1.63        | 67.11                    | 107.12            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 2.69        | 49.51                    | 107.12            | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.62        | 75.47                    | 107.12            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.02        | 74.23                    | 107.12            | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.98         |
| Ground     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W14-L       | 0.68                | 0.92               | 0.62        | 75.46                    | 44.62             | 0.91                        | 0.15                       | 0.55         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 74.22                    | 44.62             | 0.91                        | 1.00                       | 5.96         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.51         |
| Ground     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.62        | 75.45                    | 54.02             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.02        | 74.21                    | 54.02             | 0.91                        | 1.00                       | 4.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.38         |
| Ground     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 75.43                    | 63.18             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.02        | 74.20                    | 63.18             | 0.91                        | 1.00                       | 4.21         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.60         |
| Ground     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 0.68                | 0.92               | 1.02        | 51.15                    | 44.71             | 0.91                        | 1.00                       | 4.10         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.10         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 20.66                    | 97.73             | 0.91                        | 0.15                       | 0.07         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.02        | 19.63                    | 97.73             | 0.91                        | 1.00                       | 0.72         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.62        | 47.67                    | 97.73             | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 31.51                    | 97.73             | 0.91                        | 1.00                       | 1.16         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 32.10                    | 97.73             | 0.91                        | 1.00                       | 1.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.28         |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 63.92                    | 52.41             | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.37         |
| First      | R3        | Floorplan-Dwg  | Residential   | LKD       | W6          | 0.68                | 0.92               | 1.02        | 64.96                    | 102.18            | 0.91                        | 1.00                       | 2.28         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 67.05                    | 102.18            | 0.91                        | 1.00                       | 2.35         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 66.16                    | 102.18            | 0.91                        | 1.00                       | 2.32         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 1.63        | 66.33                    | 102.18            | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.69        | 49.21                    | 102.18            | 0.91                        | 1.00                       | 4.55         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.06        |
| First      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 43.73                    | 43.01             | 0.91                        | 1.00                       | 3.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.64         |
| First      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 71.49                    | 54.76             | 0.91                        | 1.00                       | 4.68         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.68         |
| First      | R6        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 70.88                    | 107.09            | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 1.63        | 67.41                    | 107.09            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.69        | 49.54                    | 107.09            | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 76.55                    | 107.09            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 74.95                    | 107.09            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.03        |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.62        | 76.54                    | 44.63             | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.02        | 74.94                    | 44.63             | 0.91                        | 1.00                       | 6.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.58         |
| First      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 76.53                    | 53.99             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.02        | 74.94                    | 53.99             | 0.91                        | 1.00                       | 4.97         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.44         |
| First      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.62        | 76.53                    | 63.19             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.02        | 74.93                    | 63.19             | 0.91                        | 1.00                       | 4.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.64         |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 54.39                    | 44.69             | 0.91                        | 1.00                       | 4.36         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.36         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 24.24                    | 97.73             | 0.91                        | 0.15                       | 0.08         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.02        | 17.21                    | 97.73             | 0.91                        | 1.00                       | 0.63         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.62        | 51.68                    | 97.73             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 36.34                    | 97.73             | 0.91                        | 1.00                       | 1.33         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 35.77                    | 97.73             | 0.91                        | 1.00                       | 1.31         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.53         |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 62.56                    | 52.41             | 0.91                        | 1.00                       | 4.28         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.28         |
| Second     | R3        | Floorplan-Dwg  | Residential   | LKD       | W6          | 0.68                | 0.92               | 1.02        | 63.33                    | 102.18            | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 69.64                    | 102.18            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 68.96                    | 102.18            | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 1.63        | 66.33                    | 102.18            | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.69        | 49.21                    | 102.18            | 0.91                        | 1.00                       | 4.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.19        |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 43.73                    | 43.01             | 0.91                        | 1.00                       | 3.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.64         |
| Second     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 67.68                    | 54.76             | 0.91                        | 1.00                       | 4.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.43         |
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 67.47                    | 107.09            | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 1.63        | 67.43                    | 107.09            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.69        | 49.54                    | 107.09            | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 76.14                    | 107.09            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 107.09            | 0.91                        | 1.00                       | 2.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.75         |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.62        | 76.14                    | 44.63             | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 44.63             | 0.91                        | 1.00                       | 5.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.20         |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 76.14                    | 53.99             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 53.99             | 0.91                        | 1.00                       | 4.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.12         |
| Second     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.62        | 76.14                    | 63.19             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 63.19             | 0.91                        | 1.00                       | 3.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.38         |
| Second     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 54.47                    | 44.69             | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.37         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 29.64                    | 97.73             | 0.91                        | 0.15                       | 0.10         |

| Floor Ref.       | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|                  |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.02        | 24.77                    | 97.73             | 0.91                        | 1.00                       | 0.91         |
|                  |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.62        | 55.80                    | 97.73             | 0.91                        | 0.15                       | 0.19         |
|                  |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 40.91                    | 97.73             | 0.91                        | 1.00                       | 1.50         |
|                  |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 39.97                    | 97.73             | 0.91                        | 1.00                       | 1.47         |
| <div>4.16</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 0.68                | 0.92               | 1.02        | 65.34                    | 52.41             | 0.91                        | 1.00                       | 4.47         |
| <div>4.47</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third            | R3        | Floorplan-Dwg  | Residential   | LKD       | W6          | 0.68                | 0.92               | 1.02        | 65.87                    | 102.18            | 0.91                        | 1.00                       | 2.31         |
|                  |           |                |               |           | W7          | 0.68                | 0.92               | 1.02        | 72.09                    | 102.18            | 0.91                        | 1.00                       | 2.53         |
|                  |           |                |               |           | W8          | 0.68                | 0.92               | 1.02        | 71.64                    | 102.18            | 0.91                        | 1.00                       | 2.51         |
|                  |           |                |               |           | W9-L        | 0.68                | 0.92               | 1.63        | 66.33                    | 102.18            | 0.91                        | 0.15                       | 0.56         |
|                  |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.69        | 49.21                    | 102.18            | 0.91                        | 1.00                       | 4.55         |
| <div>12.46</div> |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 0.68                | 0.92               | 1.02        | 43.73                    | 43.01             | 0.91                        | 1.00                       | 3.64         |
| <div>3.64</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 67.83                    | 54.76             | 0.91                        | 1.00                       | 4.44         |
| <div>4.44</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third            | R6        | Floorplan-Dwg  | Residential   | LKD       | W12         | 0.68                | 0.92               | 1.02        | 67.66                    | 107.09            | 0.91                        | 1.00                       | 2.26         |
|                  |           |                |               |           | W13-L       | 0.68                | 0.92               | 1.63        | 67.44                    | 107.09            | 0.91                        | 0.15                       | 0.54         |
|                  |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.69        | 49.56                    | 107.09            | 0.91                        | 1.00                       | 4.37         |
|                  |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 107.09            | 0.91                        | 0.15                       | 0.23         |
|                  |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 107.09            | 0.91                        | 1.00                       | 2.35         |
| <div>9.76</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 44.63             | 0.91                        | 0.15                       | 0.56         |
|                  |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 44.63             | 0.91                        | 1.00                       | 5.64         |
| <div>6.20</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 53.99             | 0.91                        | 0.15                       | 0.46         |
|                  |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 53.99             | 0.91                        | 1.00                       | 4.66         |
| <div>5.12</div>  |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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Robinsons Surveyors Limited

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 63.19             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 63.19             | 0.91                        | 1.00                       | 3.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 0.68                | 0.92               | 1.02        | 57.62                    | 44.69             | 0.91                        | 1.00                       | 4.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.62         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.62        | 36.13                    | 97.73             | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 1.02        | 32.53                    | 97.73             | 0.91                        | 1.00                       | 1.19         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.62        | 75.78                    | 97.73             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.02        | 72.81                    | 97.73             | 0.91                        | 1.00                       | 2.67         |
|            |           |                |               |           | W3-L        | 0.68                | 0.92               | 0.62        | 17.24                    | 97.73             | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 1.02        | 71.40                    | 97.73             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.62        | 5.39                     | 52.41             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.02        | 67.67                    | 52.41             | 0.91                        | 1.00                       | 4.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 0.62        | 5.39                     | 102.18            | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.02        | 67.93                    | 102.18            | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 0.62        | 19.06                    | 102.18            | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.02        | 74.08                    | 102.18            | 0.91                        | 1.00                       | 2.60         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.62        | 18.91                    | 102.18            | 0.91                        | 0.15                       | 0.06         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.02        | 73.72                    | 102.18            | 0.91                        | 1.00                       | 2.59         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 1.63        | 86.32                    | 102.18            | 0.91                        | 0.15                       | 0.73         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.69        | 79.86                    | 102.18            | 0.91                        | 1.00                       | 7.39         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 15.82                      |              |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.62        | 5.39                     | 43.01             | 0.91                        | 0.15                       | 0.04         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 43.01             | 0.91                        | 1.00                       | 5.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11-L       | 0.68                | 0.92               | 0.62        | 5.39                     | 54.76             | 0.91                        | 0.15                       | 0.03         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 54.76             | 0.91                        | 1.00                       | 4.60         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref.  | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|-------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.63         |
| Fourth      | R6        | Floorplan-Dwg  | Residential   | LKD       | W12-L       | 0.68                | 0.92               | 0.62        | 5.39                     | 107.09            | 0.91                        | 0.15                       | 0.02         |
|             |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 107.09            | 0.91                        | 1.00                       | 2.35         |
|             |           |                |               |           | W13-L       | 0.68                | 0.92               | 1.63        | 86.32                    | 107.09            | 0.91                        | 0.15                       | 0.69         |
|             |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.69        | 79.86                    | 107.09            | 0.91                        | 1.00                       | 7.05         |
|             |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 107.09            | 0.91                        | 0.15                       | 0.23         |
|             |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 107.09            | 0.91                        | 1.00                       | 2.35         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.69        |
| Fourth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 44.63             | 0.91                        | 0.15                       | 0.56         |
|             |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 44.63             | 0.91                        | 1.00                       | 5.64         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.20         |
| Fourth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 53.99             | 0.91                        | 0.15                       | 0.46         |
|             |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 53.99             | 0.91                        | 1.00                       | 4.66         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.12         |
| Fourth      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.62        | 76.15                    | 63.19             | 0.91                        | 0.15                       | 0.39         |
|             |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.02        | 70.26                    | 63.19             | 0.91                        | 1.00                       | 3.98         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.38         |
| Fourth      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.62        | 5.39                     | 44.69             | 0.91                        | 0.15                       | 0.04         |
|             |           |                |               |           | W4-U        | 0.68                | 0.92               | 1.02        | 67.31                    | 44.69             | 0.91                        | 1.00                       | 5.40         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.44         |
| Building 10 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 0.68                | 0.92               | 1.02        | 77.54                    | 109.46            | 0.91                        | 1.00                       | 2.54         |
|             |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.62        | 78.36                    | 109.46            | 0.91                        | 0.15                       | 0.23         |
|             |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.01        | 77.50                    | 109.46            | 0.91                        | 1.00                       | 2.52         |
|             |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 76.12                    | 109.46            | 0.91                        | 1.00                       | 2.49         |
|             |           |                |               |           | W37-L       | 0.68                | 0.92               | 1.23        | 52.93                    | 109.46            | 0.91                        | 0.15                       | 0.31         |
|             |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 37.78                    | 109.46            | 0.91                        | 1.00                       | 2.46         |

Project Name: Hillingdon Gateway  
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Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.56        |
| Ground     | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 0.68                | 0.92               | 1.02        | 76.07                    | 109.46            | 0.91                        | 1.00                       | 2.49         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.61        | 77.97                    | 109.46            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 76.00                    | 109.46            | 0.91                        | 1.00                       | 2.46         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 77.06                    | 109.46            | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 1.23        | 40.90                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.03        | 29.62                    | 109.46            | 0.91                        | 1.00                       | 1.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.88         |
| Ground     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 32.00                    | 50.78             | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.26         |
| Ground     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 31.00                    | 58.98             | 0.91                        | 1.00                       | 1.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.88         |
| Ground     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.61        | 41.57                    | 63.94             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.01        | 29.07                    | 63.94             | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           | W11         | 0.68                | 0.92               | 1.02        | 35.84                    | 63.94             | 0.91                        | 1.00                       | 2.01         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.83         |
| Ground     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.61        | 40.01                    | 63.94             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 32.61                    | 63.94             | 0.91                        | 1.00                       | 1.81         |
|            |           |                |               |           | W13         | 0.68                | 0.92               | 1.02        | 25.19                    | 63.94             | 0.91                        | 1.00                       | 1.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.42         |
| Ground     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 0.68                | 0.92               | 1.02        | 26.24                    | 58.98             | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.59         |
| Ground     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 0.68                | 0.92               | 1.02        | 26.20                    | 50.78             | 0.91                        | 1.00                       | 1.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.85         |
| Ground     | R9        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 35.87                    | 109.46            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 23.87                    | 109.46            | 0.91                        | 1.00                       | 1.55         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.61        | 52.41                    | 109.46            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.01        | 52.42                    | 109.46            | 0.91                        | 1.00                       | 1.70         |
|            |           |                |               |           | W18         | 0.68                | 0.92               | 1.02        | 52.43                    | 109.46            | 0.91                        | 1.00                       | 1.72         |



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Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W19         | 0.68                | 0.92               | 1.02        | 50.92                    | 109.46            | 0.91                        | 1.00                       | 1.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.01         |
| Ground     | R10       | Floorplan-Dwg  | Residential   | LKD       | W20         | 0.68                | 0.92               | 1.02        | 50.41                    | 109.46            | 0.91                        | 1.00                       | 1.65         |
|            |           |                |               |           | W21         | 0.68                | 0.92               | 1.02        | 50.83                    | 109.46            | 0.91                        | 1.00                       | 1.66         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.62        | 50.71                    | 109.46            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.01        | 51.21                    | 109.46            | 0.91                        | 1.00                       | 1.67         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 1.23        | 47.70                    | 109.46            | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 2.03        | 31.84                    | 109.46            | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.49         |
| Ground     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 0.68                | 0.92               | 1.02        | 33.76                    | 50.78             | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.38         |
| Ground     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 0.68                | 0.92               | 1.02        | 33.48                    | 58.98             | 0.91                        | 1.00                       | 2.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.03         |
| Ground     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 0.68                | 0.92               | 1.02        | 27.35                    | 63.94             | 0.91                        | 1.00                       | 1.53         |
|            |           |                |               |           | W27-L       | 0.68                | 0.92               | 0.61        | 45.39                    | 63.94             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.01        | 32.87                    | 63.94             | 0.91                        | 1.00                       | 1.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.58         |
| Ground     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28-L       | 0.68                | 0.92               | 1.23        | 43.54                    | 56.45             | 0.91                        | 0.15                       | 0.50         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 2.03        | 28.04                    | 56.45             | 0.91                        | 1.00                       | 3.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.04         |
| Ground     | R15       | Floorplan-Dwg  | Residential   | LKD       | W29-L       | 0.68                | 0.92               | 1.23        | 36.64                    | 97.64             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 2.03        | 21.55                    | 97.64             | 0.91                        | 1.00                       | 1.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 1.82         |
| Ground     | R16       | Floorplan-Dwg  | Residential   | LKD       | W30-L       | 0.68                | 0.92               | 1.23        | 39.95                    | 97.64             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 2.03        | 26.72                    | 97.64             | 0.91                        | 1.00                       | 1.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.22         |
| Ground     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 0.68                | 0.92               | 1.02        | 29.25                    | 56.45             | 0.91                        | 1.00                       | 1.86         |
|            |           |                |               |           | W32-L       | 0.68                | 0.92               | 0.62        | 46.85                    | 56.45             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W32-U       | 0.68                | 0.92               | 1.01        | 34.81                    | 56.45             | 0.91                        | 1.00                       | 2.19         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.32         |
| Ground     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 35.98                    | 63.94             | 0.91                        | 1.00                       | 2.02         |
|            |           |                |               |           | W34-L       | 0.68                | 0.92               | 0.62        | 46.44                    | 63.94             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 1.01        | 30.33                    | 63.94             | 0.91                        | 1.00                       | 1.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.94         |
| Ground     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W35         | 0.68                | 0.92               | 1.02        | 36.86                    | 58.98             | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.24         |
| Ground     | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W36         | 0.68                | 0.92               | 1.02        | 37.82                    | 50.78             | 0.91                        | 1.00                       | 2.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.67         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 0.68                | 0.92               | 1.02        | 78.77                    | 109.46            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.61        | 79.56                    | 109.46            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.01        | 78.73                    | 109.46            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 77.15                    | 109.46            | 0.91                        | 1.00                       | 2.53         |
|            |           |                |               |           | W44-L       | 0.68                | 0.92               | 1.23        | 55.42                    | 109.46            | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W44-U       | 0.68                | 0.92               | 2.03        | 40.58                    | 109.46            | 0.91                        | 1.00                       | 2.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| First      | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 0.68                | 0.92               | 1.02        | 77.14                    | 109.46            | 0.91                        | 1.00                       | 2.52         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.61        | 79.32                    | 109.46            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 77.52                    | 109.46            | 0.91                        | 1.00                       | 2.51         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 78.46                    | 109.46            | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 1.23        | 46.02                    | 109.46            | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.03        | 31.82                    | 109.46            | 0.91                        | 1.00                       | 2.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.18        |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 33.75                    | 50.78             | 0.91                        | 1.00                       | 2.38         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.38         |
| First      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 34.76                    | 58.98             | 0.91                        | 1.00                       | 2.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.11         |
| First      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 1.23        | 49.73                    | 63.94             | 0.91                        | 0.15                       | 0.50         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 2.03        | 35.76                    | 63.94             | 0.91                        | 1.00                       | 3.99         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |  |  |  |      |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|--|--|--|------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.49         |  |  |  |      |
| First      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 58.01                    | 64.86             | 0.91                        | 1.00                       | 3.20         |  |  |  |      |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 58.48                    | 64.86             | 0.91                        | 0.15                       | 0.29         |  |  |  |      |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 59.17                    | 64.86             | 0.91                        | 1.00                       | 3.23         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.73         |  |  |  |      |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.02        | 56.83                    | 48.75             | 0.91                        | 1.00                       | 4.18         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  | 4.18 |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  |      |
| First      | R8        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 40.47                    | 112.36            | 0.91                        | 1.00                       | 1.29         |  |  |  |      |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.23        | 49.97                    | 112.36            | 0.91                        | 0.15                       | 0.29         |  |  |  |      |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 2.03        | 35.94                    | 112.36            | 0.91                        | 1.00                       | 2.28         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.86         |  |  |  |      |
| First      | R9        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 49.65                    | 112.36            | 0.91                        | 0.15                       | 0.29         |  |  |  |      |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 35.39                    | 112.36            | 0.91                        | 1.00                       | 2.24         |  |  |  |      |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 39.72                    | 112.36            | 0.91                        | 1.00                       | 1.27         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.80         |  |  |  |      |
| First      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 55.85                    | 48.75             | 0.91                        | 1.00                       | 4.10         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  | 4.10 |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  |      |
| First      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 0.61        | 56.76                    | 64.86             | 0.91                        | 0.15                       | 0.28         |  |  |  |      |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 57.29                    | 64.86             | 0.91                        | 1.00                       | 3.13         |  |  |  |      |
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 56.16                    | 64.86             | 0.91                        | 1.00                       | 3.10         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.51         |  |  |  |      |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 1.23        | 45.15                    | 63.94             | 0.91                        | 0.15                       | 0.46         |  |  |  |      |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 2.03        | 31.31                    | 63.94             | 0.91                        | 1.00                       | 3.49         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  | 3.95 |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 29.99                    | 58.98             | 0.91                        | 1.00                       | 1.82         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  | 1.82 |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  |      |
| First      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 29.34                    | 50.78             | 0.91                        | 1.00                       | 2.07         |  |  |  |      |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  | 2.07 |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |  |  |  |      |
| First      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.23        | 41.74                    | 109.46            | 0.91                        | 0.15                       | 0.25         |  |  |  |      |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 2.03        | 26.61                    | 109.46            | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 56.05                    | 109.46            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 56.20                    | 109.46            | 0.91                        | 1.00                       | 1.82         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 56.20                    | 109.46            | 0.91                        | 1.00                       | 1.84         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 54.61                    | 109.46            | 0.91                        | 1.00                       | 1.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.59         |
| First      | R16       | Floorplan-Dwg  | Residential   | LKD       | W28         | 0.68                | 0.92               | 1.02        | 54.12                    | 109.46            | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           | W29         | 0.68                | 0.92               | 1.02        | 54.61                    | 109.46            | 0.91                        | 1.00                       | 1.79         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.61        | 54.23                    | 109.46            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.01        | 54.97                    | 109.46            | 0.91                        | 1.00                       | 1.78         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 1.23        | 50.73                    | 109.46            | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 35.53                    | 109.46            | 0.91                        | 1.00                       | 2.31         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.11         |
| First      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.02        | 37.08                    | 50.78             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.62         |
| First      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 36.84                    | 58.98             | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.24         |
| First      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34-L       | 0.68                | 0.92               | 1.23        | 48.64                    | 63.94             | 0.91                        | 0.15                       | 0.49         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 2.03        | 33.55                    | 63.94             | 0.91                        | 1.00                       | 3.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.23         |
| First      | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 48.06                    | 57.00             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 36.54                    | 57.00             | 0.91                        | 1.00                       | 2.27         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 30.35                    | 57.00             | 0.91                        | 1.00                       | 1.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.45         |
| First      | R21       | Floorplan-Dwg  | Residential   | LKD       | W37-L       | 0.68                | 0.92               | 1.23        | 50.00                    | 100.37            | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 34.82                    | 100.37            | 0.91                        | 1.00                       | 2.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.80         |
| First      | R22       | Floorplan-Dwg  | Residential   | LKD       | W38-L       | 0.68                | 0.92               | 1.23        | 51.31                    | 100.37            | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W38-U       | 0.68                | 0.92               | 2.03        | 36.22                    | 100.37            | 0.91                        | 1.00                       | 2.57         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.90         |
| First      | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39-L       | 0.68                | 0.92               | 0.61        | 48.00                    | 57.00             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W39-U       | 0.68                | 0.92               | 1.01        | 32.86                    | 57.00             | 0.91                        | 1.00                       | 2.05         |
|            |           |                |               |           | W40         | 0.68                | 0.92               | 1.02        | 38.17                    | 57.00             | 0.91                        | 1.00                       | 2.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.73         |
| First      | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41-L       | 0.68                | 0.92               | 1.23        | 51.06                    | 63.94             | 0.91                        | 0.15                       | 0.52         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 2.03        | 36.15                    | 63.94             | 0.91                        | 1.00                       | 4.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.55         |
| First      | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42         | 0.68                | 0.92               | 1.02        | 39.77                    | 58.98             | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.42         |
| First      | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43         | 0.68                | 0.92               | 1.02        | 40.60                    | 50.78             | 0.91                        | 1.00                       | 2.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.86         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 0.68                | 0.92               | 1.02        | 79.86                    | 109.46            | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.61        | 80.55                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.01        | 79.72                    | 109.46            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 78.02                    | 109.46            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W44-L       | 0.68                | 0.92               | 1.23        | 57.99                    | 109.46            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W44-U       | 0.68                | 0.92               | 2.03        | 43.31                    | 109.46            | 0.91                        | 1.00                       | 2.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.15        |
| Second     | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 0.68                | 0.92               | 1.02        | 78.05                    | 109.46            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.61        | 80.47                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 78.97                    | 109.46            | 0.91                        | 1.00                       | 2.56         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 79.70                    | 109.46            | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 1.23        | 51.86                    | 109.46            | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.03        | 38.17                    | 109.46            | 0.91                        | 1.00                       | 2.49         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.75        |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 39.61                    | 50.78             | 0.91                        | 1.00                       | 2.80         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.80         |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 40.71                    | 58.98             | 0.91                        | 1.00                       | 2.47         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.47         |
| Second     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 1.23        | 54.90                    | 63.94             | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 2.03        | 41.15                    | 63.94             | 0.91                        | 1.00                       | 4.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.14         |
| Second     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 63.12                    | 64.86             | 0.91                        | 1.00                       | 3.49         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 63.37                    | 64.86             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 64.25                    | 64.86             | 0.91                        | 1.00                       | 3.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.31         |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.02        | 61.63                    | 48.75             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R8        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 45.41                    | 112.36            | 0.91                        | 1.00                       | 1.45         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.23        | 54.71                    | 112.36            | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 2.03        | 40.94                    | 112.36            | 0.91                        | 1.00                       | 2.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.36         |
| Second     | R9        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 54.44                    | 112.36            | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 40.53                    | 112.36            | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 44.79                    | 112.36            | 0.91                        | 1.00                       | 1.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.31         |
| Second     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 60.80                    | 48.75             | 0.91                        | 1.00                       | 4.47         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 0.61        | 61.99                    | 64.86             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 62.60                    | 64.86             | 0.91                        | 1.00                       | 3.42         |
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 61.75                    | 64.86             | 0.91                        | 1.00                       | 3.41         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.14         |
| Second     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 1.23        | 51.25                    | 63.94             | 0.91                        | 0.15                       | 0.52         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 2.03        | 37.80                    | 63.94             | 0.91                        | 1.00                       | 4.21         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.73         |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 37.22                    | 58.98             | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Second     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 36.47                    | 50.78             | 0.91                        | 1.00                       | 2.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.57         |
| Second     | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.23        | 48.33                    | 109.46            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 2.03        | 34.38                    | 109.46            | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 59.80                    | 109.46            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 60.04                    | 109.46            | 0.91                        | 1.00                       | 1.94         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 60.15                    | 109.46            | 0.91                        | 1.00                       | 1.97         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 58.44                    | 109.46            | 0.91                        | 1.00                       | 1.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.53         |
| Second     | R16       | Floorplan-Dwg  | Residential   | LKD       | W28         | 0.68                | 0.92               | 1.02        | 58.02                    | 109.46            | 0.91                        | 1.00                       | 1.90         |
|            |           |                |               |           | W29         | 0.68                | 0.92               | 1.02        | 58.66                    | 109.46            | 0.91                        | 1.00                       | 1.92         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.61        | 58.09                    | 109.46            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.01        | 58.96                    | 109.46            | 0.91                        | 1.00                       | 1.91         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 1.23        | 53.87                    | 109.46            | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 39.13                    | 109.46            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.77         |
| Second     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.02        | 40.39                    | 50.78             | 0.91                        | 1.00                       | 2.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.85         |
| Second     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 40.19                    | 58.98             | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.44         |
| Second     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34-L       | 0.68                | 0.92               | 1.23        | 51.78                    | 63.94             | 0.91                        | 0.15                       | 0.53         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 2.03        | 37.21                    | 63.94             | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.67         |
| Second     | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 51.15                    | 57.00             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 40.04                    | 57.00             | 0.91                        | 1.00                       | 2.49         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 34.27                    | 57.00             | 0.91                        | 1.00                       | 2.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.93         |
| Second     | R21       | Floorplan-Dwg  | Residential   | LKD       | W37-L       | 0.68                | 0.92               | 1.23        | 53.18                    | 100.37            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 38.49                    | 100.37            | 0.91                        | 1.00                       | 2.73         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.08         |
| Second     | R22       | Floorplan-Dwg  | Residential   | LKD       | W38-L       | 0.68                | 0.92               | 1.23        | 54.36                    | 100.37            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W38-U       | 0.68                | 0.92               | 2.03        | 39.69                    | 100.37            | 0.91                        | 1.00                       | 2.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.17         |
| Second     | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39-L       | 0.68                | 0.92               | 0.61        | 50.94                    | 57.00             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W39-U       | 0.68                | 0.92               | 1.01        | 36.37                    | 57.00             | 0.91                        | 1.00                       | 2.27         |
|            |           |                |               |           | W40         | 0.68                | 0.92               | 1.02        | 41.43                    | 57.00             | 0.91                        | 1.00                       | 2.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.16         |
| Second     | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41-L       | 0.68                | 0.92               | 1.23        | 53.94                    | 63.94             | 0.91                        | 0.15                       | 0.55         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 2.03        | 39.42                    | 63.94             | 0.91                        | 1.00                       | 4.39         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.94         |
| Second     | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42         | 0.68                | 0.92               | 1.02        | 42.66                    | 58.98             | 0.91                        | 1.00                       | 2.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.59         |
| Second     | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43         | 0.68                | 0.92               | 1.02        | 43.36                    | 50.78             | 0.91                        | 1.00                       | 3.06         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.06         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 0.68                | 0.92               | 1.02        | 80.71                    | 109.46            | 0.91                        | 1.00                       | 2.64         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.61        | 81.34                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.01        | 80.40                    | 109.46            | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 78.69                    | 109.46            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W44-L       | 0.68                | 0.92               | 1.23        | 60.55                    | 109.46            | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W44-U       | 0.68                | 0.92               | 2.03        | 45.96                    | 109.46            | 0.91                        | 1.00                       | 2.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.42        |
| Third      | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 0.68                | 0.92               | 1.02        | 78.76                    | 109.46            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.61        | 81.51                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 80.26                    | 109.46            | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 80.68                    | 109.46            | 0.91                        | 1.00                       | 2.64         |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 1.23        | 58.50                    | 109.46            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.03        | 45.47                    | 109.46            | 0.91                        | 1.00                       | 2.96         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.37        |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 46.50                    | 50.78             | 0.91                        | 1.00                       | 3.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.28         |
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 47.12                    | 58.98             | 0.91                        | 1.00                       | 2.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.86         |
| Third      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 1.23        | 60.57                    | 63.94             | 0.91                        | 0.15                       | 0.61         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 2.03        | 47.16                    | 63.94             | 0.91                        | 1.00                       | 5.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.87         |
| Third      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 68.78                    | 64.86             | 0.91                        | 1.00                       | 3.80         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 68.95                    | 64.86             | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 69.86                    | 64.86             | 0.91                        | 1.00                       | 3.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.96         |
| Third      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.02        | 66.85                    | 48.75             | 0.91                        | 1.00                       | 4.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.91         |
| Third      | R8        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 50.41                    | 112.36            | 0.91                        | 1.00                       | 1.61         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.23        | 59.73                    | 112.36            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 2.03        | 46.11                    | 112.36            | 0.91                        | 1.00                       | 2.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.88         |
| Third      | R9        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 59.52                    | 112.36            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 45.88                    | 112.36            | 0.91                        | 1.00                       | 2.91         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 49.98                    | 112.36            | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.85         |
| Third      | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 66.21                    | 48.75             | 0.91                        | 1.00                       | 4.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.87         |
| Third      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 0.61        | 68.01                    | 64.86             | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 68.56                    | 64.86             | 0.91                        | 1.00                       | 3.75         |
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 68.07                    | 64.86             | 0.91                        | 1.00                       | 3.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.84         |
| Third      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 1.23        | 58.02                    | 63.94             | 0.91                        | 0.15                       | 0.59         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 2.03        | 45.08                    | 63.94             | 0.91                        | 1.00                       | 5.02         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.61         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 44.96                    | 58.98             | 0.91                        | 1.00                       | 2.73         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.73         |
| Third      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 44.36                    | 50.78             | 0.91                        | 1.00                       | 3.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.13         |
| Third      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.23        | 55.65                    | 109.46            | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 2.03        | 42.79                    | 109.46            | 0.91                        | 1.00                       | 2.79         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 63.60                    | 109.46            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 63.94                    | 109.46            | 0.91                        | 1.00                       | 2.08         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 64.22                    | 109.46            | 0.91                        | 1.00                       | 2.10         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 62.36                    | 109.46            | 0.91                        | 1.00                       | 2.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R16       | Floorplan-Dwg  | Residential   | LKD       | W28         | 0.68                | 0.92               | 1.02        | 62.03                    | 109.46            | 0.91                        | 1.00                       | 2.03         |
|            |           |                |               |           | W29         | 0.68                | 0.92               | 1.02        | 62.87                    | 109.46            | 0.91                        | 1.00                       | 2.06         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.61        | 62.27                    | 109.46            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.01        | 63.15                    | 109.46            | 0.91                        | 1.00                       | 2.05         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 1.23        | 57.05                    | 109.46            | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 42.60                    | 109.46            | 0.91                        | 1.00                       | 2.77         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.44         |
| Third      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.02        | 43.61                    | 50.78             | 0.91                        | 1.00                       | 3.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.08         |
| Third      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 43.45                    | 58.98             | 0.91                        | 1.00                       | 2.64         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.64         |
| Third      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34-L       | 0.68                | 0.92               | 1.23        | 55.01                    | 63.94             | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 2.03        | 40.78                    | 63.94             | 0.91                        | 1.00                       | 4.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.10         |
| Third      | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 54.37                    | 57.00             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 43.46                    | 57.00             | 0.91                        | 1.00                       | 2.70         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 38.03                    | 57.00             | 0.91                        | 1.00                       | 2.39         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.40         |
| Third      | R21       | Floorplan-Dwg  | Residential   | LKD       | W37-L       | 0.68                | 0.92               | 1.23        | 56.45                    | 100.37            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 42.10                    | 100.37            | 0.91                        | 1.00                       | 2.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.35         |
| Third      | R22       | Floorplan-Dwg  | Residential   | LKD       | W38-L       | 0.68                | 0.92               | 1.23        | 57.44                    | 100.37            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W38-U       | 0.68                | 0.92               | 2.03        | 43.03                    | 100.37            | 0.91                        | 1.00                       | 3.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.43         |
| Third      | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39-L       | 0.68                | 0.92               | 0.61        | 53.83                    | 57.00             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W39-U       | 0.68                | 0.92               | 1.01        | 39.68                    | 57.00             | 0.91                        | 1.00                       | 2.48         |
|            |           |                |               |           | W40         | 0.68                | 0.92               | 1.02        | 44.58                    | 57.00             | 0.91                        | 1.00                       | 2.80         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.59         |
| Third      | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41-L       | 0.68                | 0.92               | 1.23        | 56.85                    | 63.94             | 0.91                        | 0.15                       | 0.58         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 2.03        | 42.55                    | 63.94             | 0.91                        | 1.00                       | 4.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.32         |
| Third      | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42         | 0.68                | 0.92               | 1.02        | 45.46                    | 58.98             | 0.91                        | 1.00                       | 2.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.76         |
| Third      | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43         | 0.68                | 0.92               | 1.02        | 46.03                    | 50.78             | 0.91                        | 1.00                       | 3.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.25         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 0.68                | 0.92               | 1.02        | 81.06                    | 109.46            | 0.91                        | 1.00                       | 2.65         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.61        | 81.75                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.01        | 80.81                    | 109.46            | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 78.91                    | 109.46            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W44-L       | 0.68                | 0.92               | 1.23        | 63.10                    | 109.46            | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W44-U       | 0.68                | 0.92               | 2.03        | 48.49                    | 109.46            | 0.91                        | 1.00                       | 3.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.62        |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 0.68                | 0.92               | 1.02        | 78.97                    | 109.46            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           | W5-L        | 0.68                | 0.92               | 0.62        | 81.94                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.01        | 81.04                    | 109.46            | 0.91                        | 1.00                       | 2.64         |
|            |           |                |               |           | W6          | 0.68                | 0.92               | 1.02        | 81.04                    | 109.46            | 0.91                        | 1.00                       | 2.65         |

Project Name: Hillingdon Gateway

Project No.: Release 06

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 1.23        | 65.53                    | 109.46            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.03        | 52.22                    | 109.46            | 0.91                        | 1.00                       | 3.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.91        |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 0.68                | 0.92               | 1.02        | 53.24                    | 50.78             | 0.91                        | 1.00                       | 3.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.76         |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 0.68                | 0.92               | 1.02        | 53.44                    | 58.98             | 0.91                        | 1.00                       | 3.25         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.25         |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 1.23        | 66.44                    | 63.94             | 0.91                        | 0.15                       | 0.67         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 2.03        | 52.70                    | 63.94             | 0.91                        | 1.00                       | 5.87         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.55         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 0.68                | 0.92               | 1.02        | 75.10                    | 64.86             | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.61        | 75.34                    | 64.86             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.01        | 75.92                    | 64.86             | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.67         |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 0.68                | 0.92               | 1.02        | 72.49                    | 48.75             | 0.91                        | 1.00                       | 5.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.33         |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | LKD       | W14         | 0.68                | 0.92               | 1.02        | 54.99                    | 112.36            | 0.91                        | 1.00                       | 1.75         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.23        | 65.15                    | 112.36            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 2.03        | 51.01                    | 112.36            | 0.91                        | 1.00                       | 3.24         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.37         |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W16-L       | 0.68                | 0.92               | 1.23        | 65.03                    | 112.36            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 50.91                    | 112.36            | 0.91                        | 1.00                       | 3.23         |
|            |           |                |               |           | W17         | 0.68                | 0.92               | 1.02        | 54.80                    | 112.36            | 0.91                        | 1.00                       | 1.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.35         |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 0.68                | 0.92               | 1.02        | 72.16                    | 48.75             | 0.91                        | 1.00                       | 5.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.30         |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 0.61        | 74.79                    | 64.86             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 74.96                    | 64.86             | 0.91                        | 1.00                       | 4.10         |
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 74.88                    | 64.86             | 0.91                        | 1.00                       | 4.14         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.60         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 1.23        | 64.97                    | 63.94             | 0.91                        | 0.15                       | 0.66         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 2.03        | 51.65                    | 63.94             | 0.91                        | 1.00                       | 5.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.42         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 52.27                    | 58.98             | 0.91                        | 1.00                       | 3.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.18         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 51.93                    | 50.78             | 0.91                        | 1.00                       | 3.66         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.66         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.23        | 63.29                    | 109.46            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 2.03        | 50.29                    | 109.46            | 0.91                        | 1.00                       | 3.27         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.62        | 67.66                    | 109.46            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 68.09                    | 109.46            | 0.91                        | 1.00                       | 2.22         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 68.39                    | 109.46            | 0.91                        | 1.00                       | 2.24         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 66.39                    | 109.46            | 0.91                        | 1.00                       | 2.17         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R16       | Floorplan-Dwg  | Residential   | LKD       | W28         | 0.68                | 0.92               | 1.02        | 66.14                    | 109.46            | 0.91                        | 1.00                       | 2.17         |
|            |           |                |               |           | W29         | 0.68                | 0.92               | 1.02        | 67.23                    | 109.46            | 0.91                        | 1.00                       | 2.20         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.61        | 66.52                    | 109.46            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.01        | 67.51                    | 109.46            | 0.91                        | 1.00                       | 2.19         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 1.23        | 60.25                    | 109.46            | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 45.86                    | 109.46            | 0.91                        | 1.00                       | 2.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.09        |
| Fourth     | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.02        | 47.03                    | 50.78             | 0.91                        | 1.00                       | 3.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.32         |
| Fourth     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 46.92                    | 58.98             | 0.91                        | 1.00                       | 2.85         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.85         |
| Fourth     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34-L       | 0.68                | 0.92               | 1.23        | 58.76                    | 63.94             | 0.91                        | 0.15                       | 0.60         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 2.03        | 44.50                    | 63.94             | 0.91                        | 1.00                       | 4.96         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fourth     | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 57.84                    | 57.00             | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 47.10                    | 57.00             | 0.91                        | 1.00                       | 2.93         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 41.74                    | 57.00             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.88         |
| Fourth     | R21       | Floorplan-Dwg  | Residential   | LKD       | W37-L       | 0.68                | 0.92               | 1.23        | 59.76                    | 100.37            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 45.50                    | 100.37            | 0.91                        | 1.00                       | 3.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.62         |
| Fourth     | R22       | Floorplan-Dwg  | Residential   | LKD       | W38-L       | 0.68                | 0.92               | 1.23        | 60.53                    | 100.37            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W38-U       | 0.68                | 0.92               | 2.03        | 46.17                    | 100.37            | 0.91                        | 1.00                       | 3.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.67         |
| Fourth     | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39-L       | 0.68                | 0.92               | 0.62        | 57.16                    | 57.00             | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W39-U       | 0.68                | 0.92               | 1.02        | 42.97                    | 57.00             | 0.91                        | 1.00                       | 2.69         |
|            |           |                |               |           | W40         | 0.68                | 0.92               | 1.02        | 47.96                    | 57.00             | 0.91                        | 1.00                       | 3.01         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.03         |
| Fourth     | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41-L       | 0.68                | 0.92               | 1.23        | 60.26                    | 63.94             | 0.91                        | 0.15                       | 0.61         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 2.03        | 45.85                    | 63.94             | 0.91                        | 1.00                       | 5.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.72         |
| Fourth     | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42         | 0.68                | 0.92               | 1.02        | 48.50                    | 58.98             | 0.91                        | 1.00                       | 2.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.95         |
| Fourth     | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43         | 0.68                | 0.92               | 1.02        | 48.96                    | 50.78             | 0.91                        | 1.00                       | 3.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.45         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 0.68                | 0.92               | 1.02        | 81.25                    | 109.46            | 0.91                        | 1.00                       | 2.66         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.61        | 81.91                    | 109.46            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.01        | 81.01                    | 109.46            | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           | W3          | 0.68                | 0.92               | 1.02        | 79.02                    | 109.46            | 0.91                        | 1.00                       | 2.59         |
|            |           |                |               |           | W44-L       | 0.68                | 0.92               | 1.23        | 77.93                    | 109.46            | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W44-U       | 0.68                | 0.92               | 2.03        | 75.80                    | 109.46            | 0.91                        | 1.00                       | 4.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.51        |
| Fifth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 0.68                | 0.92               | 1.02        | 79.07                    | 109.46            | 0.91                        | 1.00                       | 2.59         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fifth      | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 0.61        | 79.99                    | 64.86             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.01        | 80.06                    | 64.86             | 0.91                        | 1.00                       | 4.37         |
|            |           |                |               |           | W20         | 0.68                | 0.92               | 1.02        | 80.50                    | 64.86             | 0.91                        | 1.00                       | 4.45         |
|            |           |                |               |           |             |                     |                    | 9.22        |                          |                   |                             |                            |              |
| Fifth      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 1.23        | 83.58                    | 63.94             | 0.91                        | 0.15                       | 0.85         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 2.03        | 81.72                    | 63.94             | 0.91                        | 1.00                       | 9.11         |
|            |           |                |               |           |             |                     |                    | 9.96        |                          |                   |                             |                            |              |
|            |           |                |               |           |             |                     |                    | 4.74        |                          |                   |                             |                            |              |
| Fifth      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 0.68                | 0.92               | 1.02        | 78.00                    | 58.98             | 0.91                        | 1.00                       | 4.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.74         |
| Fifth      | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 0.68                | 0.92               | 1.02        | 77.83                    | 50.78             | 0.91                        | 1.00                       | 5.49         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.49         |
| Fifth      | R15       | Floorplan-Dwg  | Residential   | LKD       | W24-L       | 0.68                | 0.92               | 1.23        | 82.91                    | 109.46            | 0.91                        | 0.15                       | 0.49         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 2.03        | 81.01                    | 109.46            | 0.91                        | 1.00                       | 5.27         |
|            |           |                |               |           | W25-L       | 0.68                | 0.92               | 0.61        | 71.74                    | 109.46            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 1.01        | 72.07                    | 109.46            | 0.91                        | 1.00                       | 2.33         |
|            |           |                |               |           | W26         | 0.68                | 0.92               | 1.02        | 72.42                    | 109.46            | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           | W27         | 0.68                | 0.92               | 1.02        | 70.27                    | 109.46            | 0.91                        | 1.00                       | 2.30         |
|            |           |                |               |           |             |                     |                    | 12.98       |                          |                   |                             |                            |              |
| Fifth      | R16       | Floorplan-Dwg  | Residential   | LKD       | W28         | 0.68                | 0.92               | 1.02        | 70.08                    | 109.46            | 0.91                        | 1.00                       | 2.29         |
|            |           |                |               |           | W29         | 0.68                | 0.92               | 1.02        | 71.34                    | 109.46            | 0.91                        | 1.00                       | 2.34         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.61        | 70.71                    | 109.46            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 1.01        | 71.58                    | 109.46            | 0.91                        | 1.00                       | 2.32         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 1.23        | 75.27                    | 109.46            | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 2.03        | 73.51                    | 109.46            | 0.91                        | 1.00                       | 4.79         |
|            |           |                |               |           |             |                     |                    | 12.39       |                          |                   |                             |                            |              |
| Fifth      | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 0.68                | 0.92               | 1.02        | 70.32                    | 50.78             | 0.91                        | 1.00                       | 4.96         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.96         |
| Fifth      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 0.68                | 0.92               | 1.02        | 70.27                    | 58.98             | 0.91                        | 1.00                       | 4.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.27         |



Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
Date: 19/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fifth      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34-L       | 0.68                | 0.92               | 1.23        | 74.98                    | 63.94             | 0.91                        | 0.15                       | 0.76         |
|            |           |                |               |           | W34-U       | 0.68                | 0.92               | 2.03        | 73.49                    | 63.94             | 0.91                        | 1.00                       | 8.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fifth      | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35-L       | 0.68                | 0.92               | 0.61        | 71.34                    | 57.00             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W35-U       | 0.68                | 0.92               | 1.01        | 72.02                    | 57.00             | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           | W36         | 0.68                | 0.92               | 1.02        | 71.82                    | 57.00             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.40                       |              |
| Fifth      | R21       | Floorplan-Dwg  | Residential   | LKD       | W37-L       | 0.68                | 0.92               | 1.23        | 74.97                    | 100.37            | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W37-U       | 0.68                | 0.92               | 2.03        | 73.53                    | 100.37            | 0.91                        | 1.00                       | 5.22         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fifth      | R22       | Floorplan-Dwg  | Residential   | LKD       | W38-L       | 0.68                | 0.92               | 1.23        | 75.58                    | 100.37            | 0.91                        | 0.15                       | 0.49         |
|            |           |                |               |           | W38-U       | 0.68                | 0.92               | 2.03        | 74.04                    | 100.37            | 0.91                        | 1.00                       | 5.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fifth      | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39-L       | 0.68                | 0.92               | 0.61        | 72.18                    | 57.00             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W39-U       | 0.68                | 0.92               | 1.01        | 72.79                    | 57.00             | 0.91                        | 1.00                       | 4.54         |
|            |           |                |               |           | W40         | 0.68                | 0.92               | 1.02        | 72.76                    | 57.00             | 0.91                        | 1.00                       | 4.57         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.52                       |              |
| Fifth      | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41-L       | 0.68                | 0.92               | 1.23        | 76.33                    | 63.94             | 0.91                        | 0.15                       | 0.77         |
|            |           |                |               |           | W41-U       | 0.68                | 0.92               | 2.03        | 74.67                    | 63.94             | 0.91                        | 1.00                       | 8.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fifth      | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42         | 0.68                | 0.92               | 1.02        | 71.61                    | 58.98             | 0.91                        | 1.00                       | 4.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 4.35                       |              |
| Fifth      | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43         | 0.68                | 0.92               | 1.02        | 71.94                    | 50.78             | 0.91                        | 1.00                       | 5.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 5.08                       |              |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 0.07        | 74.97                    | 124.28            | 0.91                        | 0.15                       | 0.02         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.03        | 65.23                    | 124.28            | 0.91                        | 1.00                       | 3.74         |
|            |           |                |               |           | W2-L        | 0.68                | 0.92               | 0.04        | 88.29                    | 124.28            | 0.91                        | 0.15                       | 0.01         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.16        | 89.32                    | 124.28            | 0.91                        | 1.00                       | 2.94         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.07        | 76.65                    | 124.28            | 0.91                        | 0.15                       | 0.02         |

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed   |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|----------------|
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 2.03        | 72.06                    | 124.28            | 0.91                        | 1.00                       | 4.13<br>10.88  |
| Sixth      | R2        | Floorplan-Dwg  | Residential   | LKD       | W3-L        | 0.68                | 0.92               | 0.07        | 74.84                    | 147.49            | 0.91                        | 0.15                       | 0.02           |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.03        | 65.03                    | 147.49            | 0.91                        | 1.00                       | 3.14           |
|            |           |                |               |           | W4-L        | 0.68                | 0.92               | 0.07        | 83.14                    | 147.49            | 0.91                        | 0.15                       | 0.02           |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.03        | 77.36                    | 147.49            | 0.91                        | 1.00                       | 3.74<br>6.92   |
| Sixth      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.07        | 83.11                    | 44.63             | 0.91                        | 0.15                       | 0.07           |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.03        | 77.34                    | 44.63             | 0.91                        | 1.00                       | 12.35<br>12.42 |
| Sixth      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6-L        | 0.68                | 0.92               | 0.04        | 74.12                    | 53.99             | 0.91                        | 0.15                       | 0.03           |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.16        | 81.19                    | 53.99             | 0.91                        | 1.00                       | 6.16           |
|            |           |                |               |           | W7-L        | 0.68                | 0.92               | 0.04        | 74.12                    | 53.99             | 0.91                        | 0.15                       | 0.03           |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 1.16        | 81.19                    | 53.99             | 0.91                        | 1.00                       | 6.16<br>12.36  |
| Sixth      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.07        | 83.02                    | 63.19             | 0.91                        | 0.15                       | 0.05           |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.03        | 77.27                    | 63.19             | 0.91                        | 1.00                       | 8.71<br>8.76   |
| Sixth      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.07        | 82.97                    | 63.19             | 0.91                        | 0.15                       | 0.05           |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 2.03        | 77.23                    | 63.19             | 0.91                        | 1.00                       | 8.71<br>8.76   |
| Sixth      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10-L       | 0.68                | 0.92               | 0.04        | 74.12                    | 53.98             | 0.91                        | 0.15                       | 0.03           |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.16        | 81.19                    | 53.98             | 0.91                        | 1.00                       | 6.16           |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.04        | 74.12                    | 53.98             | 0.91                        | 0.15                       | 0.03           |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.16        | 81.19                    | 53.98             | 0.91                        | 1.00                       | 6.16<br>12.37  |
| Sixth      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.07        | 82.78                    | 44.63             | 0.91                        | 0.15                       | 0.07           |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 2.03        | 77.08                    | 44.63             | 0.91                        | 1.00                       | 12.31<br>12.38 |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref.  | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|-------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Sixth       | R9        | Floorplan-Dwg  | Residential   | LKD       | W13-L       | 0.68                | 0.92               | 0.07        | 82.65                    | 147.49            | 0.91                        | 0.15                       | 0.02         |
|             |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.03        | 76.97                    | 147.49            | 0.91                        | 1.00                       | 3.72         |
|             |           |                |               |           | W14-L       | 0.68                | 0.92               | 0.07        | 70.45                    | 147.49            | 0.91                        | 0.15                       | 0.02         |
|             |           |                |               |           | W14-U       | 0.68                | 0.92               | 2.03        | 61.33                    | 147.49            | 0.91                        | 1.00                       | 2.96         |
|             |           |                |               |           | 6.72        |                     |                    |             |                          |                   |                             |                            |              |
| Sixth       | R10       | Floorplan-Dwg  | Residential   | LKD       | W15-L       | 0.68                | 0.92               | 0.04        | 5.56                     | 124.28            | 0.91                        | 0.15                       | 0.00         |
|             |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.16        | 83.64                    | 124.28            | 0.91                        | 1.00                       | 2.76         |
|             |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.07        | 70.06                    | 124.28            | 0.91                        | 0.15                       | 0.02         |
|             |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.03        | 60.97                    | 124.28            | 0.91                        | 1.00                       | 3.50         |
|             |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.07        | 75.79                    | 124.28            | 0.91                        | 0.15                       | 0.02         |
|             |           |                |               |           | W17-U       | 0.68                | 0.92               | 2.03        | 71.32                    | 124.28            | 0.91                        | 1.00                       | 4.09         |
| 10.39       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth       | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.07        | 75.77                    | 54.72             | 0.91                        | 0.15                       | 0.05         |
|             |           |                |               |           | W18-U       | 0.68                | 0.92               | 2.03        | 71.32                    | 54.72             | 0.91                        | 1.00                       | 9.29         |
| 9.34        |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth       | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 0.07        | 75.83                    | 66.82             | 0.91                        | 0.15                       | 0.04         |
|             |           |                |               |           | W19-U       | 0.68                | 0.92               | 2.03        | 71.37                    | 66.82             | 0.91                        | 1.00                       | 7.61         |
| 7.66        |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth       | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.07        | 76.20                    | 66.83             | 0.91                        | 0.15                       | 0.04         |
|             |           |                |               |           | W20-U       | 0.68                | 0.92               | 2.03        | 71.70                    | 66.83             | 0.91                        | 1.00                       | 7.65         |
| 7.69        |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Sixth       | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.07        | 76.41                    | 54.72             | 0.91                        | 0.15                       | 0.05         |
|             |           |                |               |           | W21-U       | 0.68                | 0.92               | 2.03        | 71.86                    | 54.72             | 0.91                        | 1.00                       | 9.36         |
| 9.41        |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Building 11 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1-L        | 0.68                | 0.92               | 0.58        | 42.83                    | 57.00             | 0.91                        | 0.15                       | 0.23         |
|             |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.02        | 41.16                    | 57.00             | 0.91                        | 1.00                       | 5.12         |

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Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.35         |
| Ground     | R2        | Floorplan-Dwg  | Residential   | LKD       | W2-L        | 0.68                | 0.92               | 1.84        | 36.00                    | 100.37            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 3.02        | 18.43                    | 100.37            | 0.91                        | 1.00                       | 1.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.30         |
| Ground     | R3        | Floorplan-Dwg  | Residential   | LKD       | W3-L        | 0.68                | 0.92               | 1.84        | 40.74                    | 100.37            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 3.02        | 39.18                    | 100.37            | 0.91                        | 1.00                       | 4.15         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.54         |
| Ground     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 1.26        | 30.30                    | 57.00             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.07        | 20.52                    | 57.00             | 0.91                        | 1.00                       | 2.62         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.97         |
| Ground     | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.76        | 44.51                    | 62.19             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.26        | 42.49                    | 62.19             | 0.91                        | 1.00                       | 3.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.32         |
| Ground     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6-L        | 0.68                | 0.92               | 0.36        | 57.04                    | 61.61             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.26        | 55.96                    | 61.61             | 0.91                        | 1.00                       | 4.02         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.20         |
| Ground     | R7        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 2.05        | 55.49                    | 108.48            | 0.91                        | 0.15                       | 0.55         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 3.37        | 40.14                    | 108.48            | 0.91                        | 1.00                       | 4.39         |
|            |           |                |               |           | W8-L        | 0.68                | 0.92               | 0.77        | 63.78                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.26        | 59.59                    | 108.48            | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.61         |
| Ground     | R8        | Floorplan-Dwg  | Residential   | LKD       | W9-L        | 0.68                | 0.92               | 0.76        | 63.54                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 59.25                    | 108.48            | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W10-L       | 0.68                | 0.92               | 2.45        | 54.02                    | 108.48            | 0.91                        | 0.15                       | 0.64         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 4.03        | 38.55                    | 108.48            | 0.91                        | 1.00                       | 5.04         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.58        | 63.67                    | 108.48            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 2.02        | 62.32                    | 108.48            | 0.91                        | 1.00                       | 4.07         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.59        |
| Ground     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.36        | 55.56                    | 61.61             | 0.91                        | 0.15                       | 0.17         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.26        | 54.99                    | 61.61             | 0.91                        | 1.00                       | 3.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.12         |
| Ground     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W13-L       | 0.68                | 0.92               | 0.58        | 46.42                    | 62.19             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.02        | 45.90                    | 62.19             | 0.91                        | 1.00                       | 5.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.46         |
| Ground     | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.62        | 45.96                    | 90.26             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 44.39                    | 90.26             | 0.91                        | 1.00                       | 1.76         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 30.07                    | 90.26             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 20.09                    | 90.26             | 0.91                        | 1.00                       | 2.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.62         |
| Ground     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 34.14                    | 56.65             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.02        | 24.20                    | 56.65             | 0.91                        | 1.00                       | 1.53         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.36        | 51.21                    | 56.65             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.26        | 48.82                    | 56.65             | 0.91                        | 1.00                       | 3.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.72         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 37.33                    | 108.48            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 23.08                    | 108.48            | 0.91                        | 1.00                       | 2.64         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.58        | 42.38                    | 108.48            | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 2.02        | 41.59                    | 108.48            | 0.91                        | 1.00                       | 2.72         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.96        | 25.72                    | 108.48            | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.57        | 18.65                    | 108.48            | 0.91                        | 1.00                       | 0.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.94         |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 54.73                    | 61.61             | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 54.97                    | 61.61             | 0.91                        | 1.00                       | 3.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.31         |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 53.58                    | 62.19             | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 51.92                    | 62.19             | 0.91                        | 1.00                       | 5.92         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.18         |
| First      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.58        | 46.53                    | 57.00             | 0.91                        | 0.15                       | 0.25         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.02        | 43.43                    | 57.00             | 0.91                        | 1.00                       | 5.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.65         |
| First      | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 1.84        | 40.87                    | 100.37            | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 24.39                    | 100.37            | 0.91                        | 1.00                       | 2.58         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.98         |
| First      | R6        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.26        | 45.10                    | 100.37            | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.07        | 42.61                    | 100.37            | 0.91                        | 1.00                       | 3.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.39         |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.63        | 34.91                    | 57.00             | 0.91                        | 0.15                       | 0.53         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.69        | 22.32                    | 57.00             | 0.91                        | 1.00                       | 3.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.23         |
| First      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.58        | 49.47                    | 62.19             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 46.71                    | 62.19             | 0.91                        | 1.00                       | 5.32         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.56         |
| First      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.36        | 60.48                    | 61.61             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 59.36                    | 61.61             | 0.91                        | 1.00                       | 4.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.45         |
| First      | R10       | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 0.91        | 70.93                    | 108.48            | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.51        | 69.59                    | 108.48            | 0.91                        | 1.00                       | 3.40         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.94        | 63.94                    | 108.48            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.54        | 55.94                    | 108.48            | 0.91                        | 1.00                       | 2.79         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 2.04        | 55.91                    | 108.48            | 0.91                        | 0.15                       | 0.55         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 3.36        | 40.37                    | 108.48            | 0.91                        | 1.00                       | 4.40         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.76        | 64.49                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.26        | 60.03                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.44        |
| First      | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.77        | 64.25                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.26        | 59.68                    | 108.48            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 2.45        | 54.59                    | 108.48            | 0.91                        | 0.15                       | 0.65         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 4.03        | 38.81                    | 108.48            | 0.91                        | 1.00                       | 5.07         |
|            |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.58        | 66.85                    | 108.48            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.02        | 65.31                    | 108.48            | 0.91                        | 1.00                       | 4.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.85        |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.36        | 58.54                    | 61.61             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.26        | 57.30                    | 61.61             | 0.91                        | 1.00                       | 4.12         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.30         |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.58        | 49.05                    | 62.19             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 2.02        | 47.88                    | 62.19             | 0.91                        | 1.00                       | 5.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.70         |
| First      | R14       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 0.62        | 46.36                    | 90.26             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 44.70                    | 90.26             | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 1.84        | 33.05                    | 90.26             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 3.02        | 20.77                    | 90.26             | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.74         |
| First      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.62        | 34.55                    | 56.65             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.02        | 24.47                    | 56.65             | 0.91                        | 1.00                       | 1.55         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.36        | 54.95                    | 56.65             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.26        | 52.61                    | 56.65             | 0.91                        | 1.00                       | 4.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.04         |
| First      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23-L       | 0.68                | 0.92               | 0.36        | 56.91                    | 56.65             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.26        | 56.27                    | 56.65             | 0.91                        | 1.00                       | 4.40         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 27.05                    | 56.65             | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 0.69        | 19.06                    | 56.65             | 0.91                        | 1.00                       | 0.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.56         |
| First      | R17       | Floorplan-Dwg  | Residential   | LKD       | W25-L       | 0.68                | 0.92               | 1.84        | 33.44                    | 90.26             | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 3.02        | 19.22                    | 90.26             | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.62         |
| First      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.58        | 37.02                    | 62.19             | 0.91                        | 0.15                       | 0.18         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 2.03        | 36.70                    | 62.19             | 0.91                        | 1.00                       | 4.20<br>4.39 |
| First      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27-L       | 0.68                | 0.92               | 0.36        | 37.88                    | 61.61             | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.26        | 37.60                    | 61.61             | 0.91                        | 1.00                       | 2.70<br>2.82 |
| First      | R20       | Floorplan-Dwg  | Residential   | LKD       | W28-L       | 0.68                | 0.92               | 1.84        | 29.11                    | 108.48            | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 3.02        | 17.15                    | 108.48            | 0.91                        | 1.00                       | 1.68         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.58        | 52.49                    | 108.48            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 2.02        | 51.14                    | 108.48            | 0.91                        | 1.00                       | 3.34<br>5.43 |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 40.97                    | 108.48            | 0.91                        | 0.15                       | 0.43         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 26.33                    | 108.48            | 0.91                        | 1.00                       | 3.01         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.58        | 43.98                    | 108.48            | 0.91                        | 0.15                       | 0.12         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 2.02        | 43.37                    | 108.48            | 0.91                        | 1.00                       | 2.83         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.96        | 29.72                    | 108.48            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.57        | 19.77                    | 108.48            | 0.91                        | 1.00                       | 1.01<br>7.54 |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 59.12                    | 61.61             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 59.92                    | 61.61             | 0.91                        | 1.00                       | 4.31<br>4.69 |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 59.28                    | 62.19             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 57.96                    | 62.19             | 0.91                        | 1.00                       | 6.61<br>6.89 |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.77        | 48.67                    | 57.00             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.69        | 44.02                    | 57.00             | 0.91                        | 1.00                       | 7.30<br>7.64 |
| Second     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.58        | 43.57                    | 100.37            | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.02        | 31.05                    | 100.37            | 0.91                        | 1.00                       | 2.19<br>2.32 |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 50.61                    | 100.37            | 0.91                        | 0.15                       | 0.49         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 47.96                    | 100.37            | 0.91                        | 1.00                       | 5.08         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.26        | 39.35                    | 57.00             | 0.91                        | 0.15                       | 0.46         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.07        | 24.75                    | 57.00             | 0.91                        | 1.00                       | 3.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.58        | 54.70                    | 62.19             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 51.88                    | 62.19             | 0.91                        | 1.00                       | 5.91         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.36        | 64.23                    | 61.61             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 62.96                    | 61.61             | 0.91                        | 1.00                       | 4.53         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Second     | R10       | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 0.91        | 74.69                    | 108.48            | 0.91                        | 0.15                       | 0.33         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.51        | 73.24                    | 108.48            | 0.91                        | 1.00                       | 3.58         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.94        | 65.10                    | 108.48            | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.54        | 58.05                    | 108.48            | 0.91                        | 1.00                       | 2.90         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 2.04        | 56.24                    | 108.48            | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 3.36        | 40.57                    | 108.48            | 0.91                        | 1.00                       | 4.42         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.76        | 66.55                    | 108.48            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.26        | 62.52                    | 108.48            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 14.88                      |              |
| Second     | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.76        | 66.32                    | 108.48            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.26        | 62.35                    | 108.48            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 2.45        | 54.87                    | 108.48            | 0.91                        | 0.15                       | 0.65         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 4.03        | 38.99                    | 108.48            | 0.91                        | 1.00                       | 5.09         |
|            |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.58        | 70.11                    | 108.48            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.02        | 68.61                    | 108.48            | 0.91                        | 1.00                       | 4.48         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 13.22                      |              |
| Second     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.36        | 62.11                    | 61.61             | 0.91                        | 0.15                       | 0.19         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.26        | 60.84                    | 61.61             | 0.91                        | 1.00                       | 4.37<br>4.56 |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.58        | 52.24                    | 62.19             | 0.91                        | 0.15                       | 0.26         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 2.02        | 50.85                    | 62.19             | 0.91                        | 1.00                       | 5.79<br>6.05 |
| Second     | R14       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 0.62        | 47.00                    | 90.26             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 45.55                    | 90.26             | 0.91                        | 1.00                       | 1.81         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 1.84        | 36.19                    | 90.26             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 3.02        | 23.35                    | 90.26             | 0.91                        | 1.00                       | 2.75<br>5.12 |
| Second     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.62        | 34.96                    | 56.65             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.02        | 24.77                    | 56.65             | 0.91                        | 1.00                       | 1.57         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.36        | 59.26                    | 56.65             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.26        | 56.97                    | 56.65             | 0.91                        | 1.00                       | 4.45<br>6.42 |
| Second     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23-L       | 0.68                | 0.92               | 0.36        | 60.99                    | 56.65             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.26        | 60.37                    | 56.65             | 0.91                        | 1.00                       | 4.72         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 30.07                    | 56.65             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 0.69        | 22.24                    | 56.65             | 0.91                        | 1.00                       | 0.95<br>6.05 |
| Second     | R17       | Floorplan-Dwg  | Residential   | LKD       | W25-L       | 0.68                | 0.92               | 1.84        | 38.11                    | 90.26             | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 3.02        | 23.41                    | 90.26             | 0.91                        | 1.00                       | 2.76<br>3.17 |
| Second     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.58        | 41.69                    | 62.19             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 2.03        | 38.66                    | 62.19             | 0.91                        | 1.00                       | 4.43<br>4.63 |
| Second     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27-L       | 0.68                | 0.92               | 0.36        | 43.13                    | 61.61             | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.26        | 41.63                    | 61.61             | 0.91                        | 1.00                       | 2.99<br>3.13 |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Second     | R20       | Floorplan-Dwg  | Residential   | LKD       | W28-L       | 0.68                | 0.92               | 1.84        | 32.66                    | 108.48            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 3.02        | 20.21                    | 108.48            | 0.91                        | 1.00                       | 1.98         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.58        | 55.19                    | 108.48            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 2.02        | 54.07                    | 108.48            | 0.91                        | 1.00                       | 3.53         |
|            |           |                |               |           | 5.96        |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 51.33                    | 108.48            | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 36.71                    | 108.48            | 0.91                        | 1.00                       | 4.20         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.58        | 53.22                    | 108.48            | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 2.02        | 53.27                    | 108.48            | 0.91                        | 1.00                       | 3.48         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.96        | 30.97                    | 108.48            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.57        | 23.18                    | 108.48            | 0.91                        | 1.00                       | 1.18         |
| 9.69       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 64.88                    | 61.61             | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 66.24                    | 61.61             | 0.91                        | 1.00                       | 4.76         |
| 5.19       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 58.60                    | 62.19             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 56.85                    | 62.19             | 0.91                        | 1.00                       | 6.48         |
| 6.76       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.58        | 40.73                    | 57.00             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.02        | 27.66                    | 57.00             | 0.91                        | 1.00                       | 3.44         |
| 3.66       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 1.84        | 56.80                    | 100.37            | 0.91                        | 0.15                       | 0.55         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.02        | 54.44                    | 100.37            | 0.91                        | 1.00                       | 5.77         |
| 6.31       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R6        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.84        | 51.79                    | 100.37            | 0.91                        | 0.15                       | 0.50         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 37.50                    | 100.37            | 0.91                        | 1.00                       | 3.97         |
| 4.47       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.26        | 59.95                    | 57.00             | 0.91                        | 0.15                       | 0.70         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.07        | 56.50                    | 57.00             | 0.91                        | 1.00                       | 7.22         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.92         |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.58        | 62.45                    | 62.19             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 58.71                    | 62.19             | 0.91                        | 1.00                       | 6.69         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.00         |
| Third      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.36        | 68.27                    | 61.61             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 66.53                    | 61.61             | 0.91                        | 1.00                       | 4.78         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.99         |
| Third      | R10       | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 0.91        | 78.63                    | 108.48            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.51        | 76.99                    | 108.48            | 0.91                        | 1.00                       | 3.76         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.94        | 76.17                    | 108.48            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.54        | 71.51                    | 108.48            | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 2.04        | 76.34                    | 108.48            | 0.91                        | 0.15                       | 0.76         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 3.36        | 71.95                    | 108.48            | 0.91                        | 1.00                       | 7.83         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.76        | 71.80                    | 108.48            | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.26        | 69.10                    | 108.48            | 0.91                        | 1.00                       | 2.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 19.71        |
| Third      | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.76        | 71.77                    | 108.48            | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.26        | 69.08                    | 108.48            | 0.91                        | 1.00                       | 2.82         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 2.45        | 76.78                    | 108.48            | 0.91                        | 0.15                       | 0.91         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 4.03        | 72.18                    | 108.48            | 0.91                        | 1.00                       | 9.43         |
|            |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.58        | 73.59                    | 108.48            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.02        | 72.01                    | 108.48            | 0.91                        | 1.00                       | 4.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 18.34        |
| Third      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.36        | 65.52                    | 61.61             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.26        | 64.17                    | 61.61             | 0.91                        | 1.00                       | 4.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.82         |
| Third      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.58        | 55.73                    | 62.19             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 2.02        | 54.20                    | 62.19             | 0.91                        | 1.00                       | 6.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.45         |

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R14       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 0.62        | 48.70                    | 90.26             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 47.92                    | 90.26             | 0.91                        | 1.00                       | 1.90         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 1.84        | 55.54                    | 90.26             | 0.91                        | 0.15                       | 0.60         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 3.02        | 52.32                    | 90.26             | 0.91                        | 1.00                       | 6.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.84         |
| Third      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.62        | 48.90                    | 56.65             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.02        | 47.02                    | 56.65             | 0.91                        | 1.00                       | 2.97         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.36        | 67.04                    | 56.65             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.26        | 66.30                    | 56.65             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.66         |
| Third      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23-L       | 0.68                | 0.92               | 0.36        | 65.26                    | 56.65             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.26        | 64.59                    | 56.65             | 0.91                        | 1.00                       | 5.05         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 26.82                    | 56.65             | 0.91                        | 0.15                       | 0.15         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 0.69        | 17.20                    | 56.65             | 0.91                        | 1.00                       | 0.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.16         |
| Third      | R17       | Floorplan-Dwg  | Residential   | LKD       | W25-L       | 0.68                | 0.92               | 1.84        | 34.63                    | 90.26             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 3.02        | 22.16                    | 90.26             | 0.91                        | 1.00                       | 2.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.98         |
| Third      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.58        | 46.66                    | 62.19             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 2.03        | 44.00                    | 62.19             | 0.91                        | 1.00                       | 5.04         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.27         |
| Third      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27-L       | 0.68                | 0.92               | 0.36        | 50.82                    | 61.61             | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.26        | 47.65                    | 61.61             | 0.91                        | 1.00                       | 3.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.58         |
| Third      | R20       | Floorplan-Dwg  | Residential   | LKD       | W28-L       | 0.68                | 0.92               | 1.84        | 45.86                    | 108.48            | 0.91                        | 0.15                       | 0.41         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 3.02        | 29.31                    | 108.48            | 0.91                        | 1.00                       | 2.87         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.58        | 60.01                    | 108.48            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 2.02        | 59.10                    | 108.48            | 0.91                        | 1.00                       | 3.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.31         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 75.05                    | 108.48            | 0.91                        | 0.15                       | 0.78         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 73.61                    | 108.48            | 0.91                        | 1.00                       | 8.43         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.58        | 60.62                    | 108.48            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 2.02        | 60.32                    | 108.48            | 0.91                        | 1.00                       | 3.94         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.96        | 58.81                    | 108.48            | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.57        | 58.96                    | 108.48            | 0.91                        | 1.00                       | 3.01         |
|            |           |                |               |           | 16.60       |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 73.23                    | 61.61             | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 73.04                    | 61.61             | 0.91                        | 1.00                       | 5.25         |
| 5.73       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 72.79                    | 62.19             | 0.91                        | 0.15                       | 0.36         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 71.94                    | 62.19             | 0.91                        | 1.00                       | 8.20         |
| 8.55       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 1.63        | 67.97                    | 57.00             | 0.91                        | 0.15                       | 1.03         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.69        | 65.88                    | 57.00             | 0.91                        | 1.00                       | 10.92        |
| 11.95      |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 1.26        | 68.65                    | 100.37            | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.07        | 66.83                    | 100.37            | 0.91                        | 1.00                       | 4.85         |
| 5.30       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6-L        | 0.68                | 0.92               | 1.84        | 69.52                    | 68.11             | 0.91                        | 0.15                       | 0.99         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.02        | 67.38                    | 68.11             | 0.91                        | 1.00                       | 10.52        |
| 11.50      |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.26        | 68.98                    | 56.38             | 0.91                        | 0.15                       | 0.81         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.07        | 67.00                    | 56.38             | 0.91                        | 1.00                       | 8.66         |
| 9.47       |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | LKD       | W8-L        | 0.68                | 0.92               | 0.58        | 69.65                    | 102.18            | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 67.28                    | 102.18            | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 1.84        | 88.09                    | 102.18            | 0.91                        | 0.15                       | 0.83         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 3.02        | 84.04                    | 102.18            | 0.91                        | 1.00                       | 8.74         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.45        |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 88.01                    | 101.24            | 0.91                        | 0.15                       | 0.84         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 83.99                    | 101.24            | 0.91                        | 1.00                       | 8.82         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.58        | 61.38                    | 101.24            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 2.02        | 60.80                    | 101.24            | 0.91                        | 1.00                       | 4.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.10        |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 53.13                    | 59.11             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.02        | 52.72                    | 59.11             | 0.91                        | 1.00                       | 3.20         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 1.26        | 60.74                    | 59.11             | 0.91                        | 0.15                       | 0.68         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.07        | 59.50                    | 59.11             | 0.91                        | 1.00                       | 7.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.50        |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W14-L       | 0.68                | 0.92               | 0.62        | 52.21                    | 57.10             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 52.32                    | 57.10             | 0.91                        | 1.00                       | 3.28         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 0.36        | 71.27                    | 57.10             | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.26        | 70.37                    | 57.10             | 0.91                        | 1.00                       | 5.46         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.28         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.36        | 69.78                    | 56.65             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.26        | 68.96                    | 56.65             | 0.91                        | 1.00                       | 5.39         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.62        | 47.35                    | 56.65             | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.02        | 47.11                    | 56.65             | 0.91                        | 1.00                       | 2.98         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.88         |
| Fourth     | R13       | Floorplan-Dwg  | Residential   | LKD       | W18-L       | 0.68                | 0.92               | 1.84        | 58.58                    | 90.26             | 0.91                        | 0.15                       | 0.63         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 3.02        | 56.65                    | 90.26             | 0.91                        | 1.00                       | 6.67         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.30         |
| Fourth     | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W19-L       | 0.68                | 0.92               | 1.23        | 55.53                    | 62.19             | 0.91                        | 0.15                       | 0.58         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 2.03        | 53.80                    | 62.19             | 0.91                        | 1.00                       | 6.16         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.74         |
| Fourth     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W20-L       | 0.68                | 0.92               | 0.77        | 59.84                    | 61.61             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 1.26        | 58.01                    | 61.61             | 0.91                        | 1.00                       | 4.17         |

Project Name: Hillingdon Gateway  
 Project No.: Release 06  
 Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings  
 Date: 19/05/2020

| Floor Ref.  | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|-------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.56         |
| Fourth      | R16       | Floorplan-Dwg  | Residential   | LKD       | W21-L       | 0.68                | 0.92               | 2.04        | 62.96                    | 108.48            | 0.91                        | 0.15                       | 0.62         |
|             |           |                |               |           | W21-U       | 0.68                | 0.92               | 3.36        | 60.48                    | 108.48            | 0.91                        | 1.00                       | 6.59         |
|             |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.58        | 66.49                    | 108.48            | 0.91                        | 0.15                       | 0.19         |
|             |           |                |               |           | W22-U       | 0.68                | 0.92               | 2.02        | 65.63                    | 108.48            | 0.91                        | 1.00                       | 4.29         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.68        |
| Building 12 |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Ground      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1-L        | 0.68                | 0.92               | 1.26        | 65.28                    | 57.00             | 0.91                        | 0.15                       | 0.76         |
|             |           |                |               |           | W1-U        | 0.68                | 0.92               | 2.07        | 60.77                    | 57.00             | 0.91                        | 1.00                       | 7.77         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.53         |
| Ground      | R2        | Floorplan-Dwg  | Residential   | LKD       | W2-L        | 0.68                | 0.92               | 2.45        | 58.97                    | 100.37            | 0.91                        | 0.15                       | 0.76         |
|             |           |                |               |           | W2-U        | 0.68                | 0.92               | 4.03        | 44.27                    | 100.37            | 0.91                        | 1.00                       | 6.25         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.01         |
| Ground      | R3        | Floorplan-Dwg  | Residential   | LKD       | W3-L        | 0.68                | 0.92               | 2.45        | 62.54                    | 100.37            | 0.91                        | 0.15                       | 0.80         |
|             |           |                |               |           | W3-U        | 0.68                | 0.92               | 4.03        | 58.28                    | 100.37            | 0.91                        | 1.00                       | 8.23         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.03         |
| Ground      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 1.26        | 51.17                    | 57.01             | 0.91                        | 0.15                       | 0.60         |
|             |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.07        | 36.82                    | 57.01             | 0.91                        | 1.00                       | 4.70         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.30         |
| Ground      | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W5-L        | 0.68                | 0.92               | 0.76        | 60.61                    | 62.20             | 0.91                        | 0.15                       | 0.39         |
|             |           |                |               |           | W5-U        | 0.68                | 0.92               | 1.26        | 55.85                    | 62.20             | 0.91                        | 1.00                       | 3.98         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.37         |
| Ground      | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6-L        | 0.68                | 0.92               | 0.36        | 71.07                    | 61.61             | 0.91                        | 0.15                       | 0.22         |
|             |           |                |               |           | W6-U        | 0.68                | 0.92               | 1.26        | 69.23                    | 61.61             | 0.91                        | 1.00                       | 4.98         |
|             |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.20         |
| Ground      | R7        | Floorplan-Dwg  | Residential   | LKD       | W7-L        | 0.68                | 0.92               | 2.05        | 55.26                    | 108.48            | 0.91                        | 0.15                       | 0.55         |
|             |           |                |               |           | W7-U        | 0.68                | 0.92               | 3.37        | 40.03                    | 108.48            | 0.91                        | 1.00                       | 4.37         |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Ground     | R8        | Floorplan-Dwg  | Residential   | LKD       | W8-L        | 0.68                | 0.92               | 0.76        | 63.64                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 1.26        | 59.53                    | 108.48            | 0.91                        | 1.00                       | 2.43         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.59         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 0.76        | 63.46                    | 108.47            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 59.20                    | 108.47            | 0.91                        | 1.00                       | 2.42         |
|            |           |                |               |           | W10-L       | 0.68                | 0.92               | 2.45        | 53.94                    | 108.47            | 0.91                        | 0.15                       | 0.64         |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W10-U       | 0.68                | 0.92               | 4.03        | 38.49                    | 108.47            | 0.91                        | 1.00                       | 5.03         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.58        | 63.87                    | 108.47            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 2.02        | 62.82                    | 108.47            | 0.91                        | 1.00                       | 4.10         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.61        |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 0.36        | 56.19                    | 61.62             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.26        | 55.16                    | 61.62             | 0.91                        | 1.00                       | 3.96         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.14         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W13-L       | 0.68                | 0.92               | 0.58        | 45.53                    | 62.18             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.02        | 44.83                    | 62.18             | 0.91                        | 1.00                       | 5.11         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.33         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.62        | 45.85                    | 90.25             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 44.26                    | 90.25             | 0.91                        | 1.00                       | 1.76         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 1.84        | 27.08                    | 90.25             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 3.02        | 19.23                    | 90.25             | 0.91                        | 1.00                       | 2.26         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.48         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.62        | 33.62                    | 56.64             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.02        | 23.57                    | 56.64             | 0.91                        | 1.00                       | 1.49         |
|            |           |                |               |           | W17-L       | 0.68                | 0.92               | 0.36        | 49.45                    | 56.64             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.26        | 47.35                    | 56.64             | 0.91                        | 1.00                       | 3.70         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.55         |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 56.06                    | 108.48            | 0.91                        | 0.15                       | 0.58         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 40.03                    | 108.48            | 0.91                        | 1.00                       | 4.58         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.58        | 57.92                    | 108.48            | 0.91                        | 0.15                       | 0.16         |

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Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 2.02        | 56.73                    | 108.48            | 0.91                        | 1.00                       | 3.71         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.96        | 48.68                    | 108.48            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.57        | 34.07                    | 108.48            | 0.91                        | 1.00                       | 1.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.00        |
| First      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 73.13                    | 61.61             | 0.91                        | 0.15                       | 0.48         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 71.29                    | 61.61             | 0.91                        | 1.00                       | 5.13         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.60         |
| First      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 72.02                    | 62.20             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 69.13                    | 62.20             | 0.91                        | 1.00                       | 7.88         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.23         |
| First      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.58        | 65.21                    | 57.00             | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.02        | 61.03                    | 57.00             | 0.91                        | 1.00                       | 7.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.93         |
| First      | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 2.04        | 60.04                    | 100.37            | 0.91                        | 0.15                       | 0.64         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.36        | 45.03                    | 100.37            | 0.91                        | 1.00                       | 5.30         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.94         |
| First      | R6        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 1.26        | 63.46                    | 100.37            | 0.91                        | 0.15                       | 0.42         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 2.07        | 59.05                    | 100.37            | 0.91                        | 1.00                       | 4.29         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.70         |
| First      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.63        | 52.53                    | 57.00             | 0.91                        | 0.15                       | 0.79         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.69        | 37.89                    | 57.00             | 0.91                        | 1.00                       | 6.28         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.07         |
| First      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.58        | 63.60                    | 62.20             | 0.91                        | 0.15                       | 0.31         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 58.87                    | 62.20             | 0.91                        | 1.00                       | 6.71         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.02         |
| First      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.36        | 72.54                    | 61.61             | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 70.24                    | 61.61             | 0.91                        | 1.00                       | 5.05         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.27         |
| First      | R10       | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 0.91        | 84.84                    | 108.48            | 0.91                        | 0.15                       | 0.38         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.51        | 81.94                    | 108.48            | 0.91                        | 1.00                       | 4.00         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.94        | 63.98                    | 108.48            | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.54        | 55.98                    | 108.48            | 0.91                        | 1.00                       | 2.79         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 2.04        | 55.89                    | 108.48            | 0.91                        | 0.15                       | 0.55         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 3.36        | 40.36                    | 108.48            | 0.91                        | 1.00                       | 4.39         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.77        | 64.49                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.26        | 60.03                    | 108.48            | 0.91                        | 1.00                       | 2.45         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.10        |
| First      | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.77        | 64.25                    | 108.47            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.26        | 59.68                    | 108.47            | 0.91                        | 1.00                       | 2.44         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 2.45        | 54.58                    | 108.47            | 0.91                        | 0.15                       | 0.65         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 4.03        | 38.81                    | 108.47            | 0.91                        | 1.00                       | 5.07         |
|            |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.58        | 67.61                    | 108.47            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.02        | 66.34                    | 108.47            | 0.91                        | 1.00                       | 4.33         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 12.92        |
| First      | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.36        | 59.07                    | 61.61             | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.26        | 58.47                    | 61.61             | 0.91                        | 1.00                       | 4.20         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.39         |
| First      | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.58        | 47.48                    | 62.19             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 2.02        | 47.39                    | 62.19             | 0.91                        | 1.00                       | 5.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.63         |
| First      | R14       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 0.62        | 46.25                    | 90.25             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 44.61                    | 90.25             | 0.91                        | 1.00                       | 1.77         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 1.84        | 31.25                    | 90.25             | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 3.02        | 19.95                    | 90.25             | 0.91                        | 1.00                       | 2.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.62         |
| First      | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.62        | 34.25                    | 56.65             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.02        | 24.18                    | 56.65             | 0.91                        | 1.00                       | 1.53         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.36        | 54.33                    | 56.65             | 0.91                        | 0.15                       | 0.18         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.26        | 52.34                    | 56.65             | 0.91                        | 1.00                       | 4.09         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.00         |
| First      | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23-L       | 0.68                | 0.92               | 0.36        | 56.66                    | 56.65             | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.26        | 56.35                    | 56.65             | 0.91                        | 1.00                       | 4.41         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 22.24                    | 56.65             | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 0.69        | 17.10                    | 56.65             | 0.91                        | 1.00                       | 0.73         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.46         |
| First      | R17       | Floorplan-Dwg  | Residential   | LKD       | W25-L       | 0.68                | 0.92               | 1.84        | 34.63                    | 90.25             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 3.02        | 14.66                    | 90.25             | 0.91                        | 1.00                       | 1.73         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.10         |
| First      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.58        | 40.59                    | 62.19             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 2.03        | 39.33                    | 62.19             | 0.91                        | 1.00                       | 4.51         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.71         |
| First      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27-L       | 0.68                | 0.92               | 0.36        | 41.12                    | 61.61             | 0.91                        | 0.15                       | 0.13         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.26        | 39.71                    | 61.61             | 0.91                        | 1.00                       | 2.86         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 2.98         |
| First      | R20       | Floorplan-Dwg  | Residential   | LKD       | W28-L       | 0.68                | 0.92               | 2.04        | 30.52                    | 108.47            | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 3.36        | 14.63                    | 108.47            | 0.91                        | 1.00                       | 1.59         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.58        | 51.52                    | 108.47            | 0.91                        | 0.15                       | 0.14         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 2.02        | 50.08                    | 108.47            | 0.91                        | 1.00                       | 3.27         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.31         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 56.81                    | 108.48            | 0.91                        | 0.15                       | 0.59         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 40.65                    | 108.48            | 0.91                        | 1.00                       | 4.65         |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.58        | 58.81                    | 108.48            | 0.91                        | 0.15                       | 0.16         |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 2.02        | 57.32                    | 108.48            | 0.91                        | 1.00                       | 3.75         |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.96        | 50.93                    | 108.48            | 0.91                        | 0.15                       | 0.24         |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.57        | 35.91                    | 108.48            | 0.91                        | 1.00                       | 1.83         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.22        |
| Second     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 74.35                    | 61.61             | 0.91                        | 0.15                       | 0.49         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 72.75                    | 61.61             | 0.91                        | 1.00                       | 5.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.72         |
| Second     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 76.26                    | 62.20             | 0.91                        | 0.15                       | 0.37         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 73.47                    | 62.20             | 0.91                        | 1.00                       | 8.37         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 8.74         |
| Second     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 1.63        | 64.68                    | 57.00             | 0.91                        | 0.15                       | 0.98         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.69        | 57.91                    | 57.00             | 0.91                        | 1.00                       | 9.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.58        |
| Second     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.58        | 58.24                    | 100.37            | 0.91                        | 0.15                       | 0.18         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.02        | 45.76                    | 100.37            | 0.91                        | 1.00                       | 3.23         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 3.41         |
| Second     | R6        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 2.04        | 65.35                    | 100.37            | 0.91                        | 0.15                       | 0.70         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.36        | 60.65                    | 100.37            | 0.91                        | 1.00                       | 7.14         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.84         |
| Second     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.26        | 52.79                    | 57.00             | 0.91                        | 0.15                       | 0.61         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.07        | 38.33                    | 57.00             | 0.91                        | 1.00                       | 4.90         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.51         |
| Second     | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.58        | 65.72                    | 62.20             | 0.91                        | 0.15                       | 0.32         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 61.38                    | 62.20             | 0.91                        | 1.00                       | 6.99         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 7.31         |
| Second     | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.36        | 73.66                    | 61.61             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 71.21                    | 61.61             | 0.91                        | 1.00                       | 5.12         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.35         |
| Second     | R10       | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 0.91        | 85.69                    | 108.48            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.51        | 82.66                    | 108.48            | 0.91                        | 1.00                       | 4.04         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.94        | 65.14                    | 108.48            | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.54        | 58.08                    | 108.48            | 0.91                        | 1.00                       | 2.90         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 2.04        | 56.23                    | 108.48            | 0.91                        | 0.15                       | 0.56         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 3.36        | 40.57                    | 108.48            | 0.91                        | 1.00                       | 4.42         |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.76        | 66.55                    | 108.48            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.26        | 62.52                    | 108.48            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 15.39        |
| Second     | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.77        | 66.32                    | 108.47            | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.26        | 62.35                    | 108.47            | 0.91                        | 1.00                       | 2.55         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 2.45        | 54.87                    | 108.47            | 0.91                        | 0.15                       | 0.65         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 4.03        | 38.99                    | 108.47            | 0.91                        | 1.00                       | 5.10         |
|            |           |                |               |           | W16-L       | 0.68                | 0.92               | 0.58        | 71.64                    | 108.47            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 2.02        | 70.26                    | 108.47            | 0.91                        | 1.00                       | 4.59         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.33        |
| Second     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17-L       | 0.68                | 0.92               | 0.36        | 63.31                    | 61.61             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W17-U       | 0.68                | 0.92               | 1.26        | 62.48                    | 61.61             | 0.91                        | 1.00                       | 4.49         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 4.69         |
| Second     | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18-L       | 0.68                | 0.92               | 0.58        | 51.29                    | 62.19             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W18-U       | 0.68                | 0.92               | 2.02        | 51.01                    | 62.19             | 0.91                        | 1.00                       | 5.81         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.06         |
| Second     | R14       | Floorplan-Dwg  | Residential   | LKD       | W19-L       | 0.68                | 0.92               | 0.62        | 46.94                    | 90.25             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W19-U       | 0.68                | 0.92               | 1.02        | 45.50                    | 90.25             | 0.91                        | 1.00                       | 1.81         |
|            |           |                |               |           | W20-L       | 0.68                | 0.92               | 1.84        | 36.09                    | 90.25             | 0.91                        | 0.15                       | 0.39         |
|            |           |                |               |           | W20-U       | 0.68                | 0.92               | 3.02        | 22.35                    | 90.25             | 0.91                        | 1.00                       | 2.63         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.00         |
| Second     | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21-L       | 0.68                | 0.92               | 0.62        | 34.85                    | 56.64             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W21-U       | 0.68                | 0.92               | 1.02        | 24.71                    | 56.64             | 0.91                        | 1.00                       | 1.56         |
|            |           |                |               |           | W22-L       | 0.68                | 0.92               | 0.36        | 59.98                    | 56.64             | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W22-U       | 0.68                | 0.92               | 1.26        | 58.10                    | 56.64             | 0.91                        | 1.00                       | 4.54         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 6.51         |
| Second     | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23-L       | 0.68                | 0.92               | 0.36        | 62.16                    | 56.65             | 0.91                        | 0.15                       | 0.21         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 1.26        | 61.94                    | 56.65             | 0.91                        | 1.00                       | 4.84         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.62        | 25.36                    | 56.65             | 0.91                        | 0.15                       | 0.15         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|---------------|
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 0.69        | 19.50                    | 56.65             | 0.91                        | 1.00                       | 0.84<br>6.04  |
| Second     | R17       | Floorplan-Dwg  | Residential   | LKD       | W25-L       | 0.68                | 0.92               | 1.84        | 40.40                    | 90.25             | 0.91                        | 0.15                       | 0.43          |
|            |           |                |               |           | W25-U       | 0.68                | 0.92               | 3.02        | 24.17                    | 90.25             | 0.91                        | 1.00                       | 2.85<br>3.28  |
| Second     | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.58        | 45.77                    | 62.19             | 0.91                        | 0.15                       | 0.22          |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 2.03        | 43.00                    | 62.19             | 0.91                        | 1.00                       | 4.93<br>5.15  |
| Second     | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27-L       | 0.68                | 0.92               | 0.36        | 47.00                    | 61.61             | 0.91                        | 0.15                       | 0.14          |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.26        | 45.88                    | 61.61             | 0.91                        | 1.00                       | 3.30<br>3.44  |
| Second     | R20       | Floorplan-Dwg  | Residential   | LKD       | W28-L       | 0.68                | 0.92               | 2.04        | 36.30                    | 108.47            | 0.91                        | 0.15                       | 0.36          |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 3.36        | 18.42                    | 108.47            | 0.91                        | 1.00                       | 2.01          |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.58        | 56.51                    | 108.47            | 0.91                        | 0.15                       | 0.16          |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 2.02        | 55.29                    | 108.47            | 0.91                        | 1.00                       | 3.61<br>6.14  |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 63.78                    | 108.48            | 0.91                        | 0.15                       | 0.67          |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 46.96                    | 108.48            | 0.91                        | 1.00                       | 5.38          |
|            |           |                |               |           | W30-L       | 0.68                | 0.92               | 0.58        | 65.66                    | 108.48            | 0.91                        | 0.15                       | 0.18          |
|            |           |                |               |           | W30-U       | 0.68                | 0.92               | 2.02        | 64.92                    | 108.48            | 0.91                        | 1.00                       | 4.24          |
|            |           |                |               |           | W31-L       | 0.68                | 0.92               | 0.96        | 49.77                    | 108.48            | 0.91                        | 0.15                       | 0.23          |
|            |           |                |               |           | W31-U       | 0.68                | 0.92               | 1.57        | 34.97                    | 108.48            | 0.91                        | 1.00                       | 1.78<br>12.48 |
| Third      | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 77.27                    | 61.61             | 0.91                        | 0.15                       | 0.51          |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 76.09                    | 61.61             | 0.91                        | 1.00                       | 5.47<br>5.98  |
| Third      | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 69.67                    | 62.20             | 0.91                        | 0.15                       | 0.34          |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 66.63                    | 62.20             | 0.91                        | 1.00                       | 7.59<br>7.93  |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Average Daylight Analysis - Proposed Scheme May 2020 - Enhanced Room Settings

Date: 19/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 0.58        | 52.09                    | 57.00             | 0.91                        | 0.15                       | 0.28         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.02        | 39.82                    | 57.00             | 0.91                        | 1.00                       | 4.95         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 2.04        | 67.90                    | 100.37            | 0.91                        | 0.15                       | 0.73         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 3.36        | 62.87                    | 100.37            | 0.91                        | 1.00                       | 7.40         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R6        | Floorplan-Dwg  | Residential   | LKD       | W6-L        | 0.68                | 0.92               | 2.04        | 62.01                    | 100.37            | 0.91                        | 0.15                       | 0.66         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.36        | 46.61                    | 100.37            | 0.91                        | 1.00                       | 5.49         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.26        | 69.39                    | 57.00             | 0.91                        | 0.15                       | 0.81         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.07        | 64.13                    | 57.00             | 0.91                        | 1.00                       | 8.19         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8-L        | 0.68                | 0.92               | 0.58        | 70.25                    | 62.20             | 0.91                        | 0.15                       | 0.34         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 65.15                    | 62.20             | 0.91                        | 1.00                       | 7.42         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9-L        | 0.68                | 0.92               | 0.36        | 74.81                    | 61.61             | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 1.26        | 71.98                    | 61.61             | 0.91                        | 1.00                       | 5.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R10       | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 0.91        | 86.48                    | 108.48            | 0.91                        | 0.15                       | 0.38         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 1.51        | 83.24                    | 108.48            | 0.91                        | 1.00                       | 4.06         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.94        | 76.19                    | 108.48            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 1.54        | 71.53                    | 108.48            | 0.91                        | 1.00                       | 3.57         |
|            |           |                |               |           | W12-L       | 0.68                | 0.92               | 2.04        | 76.34                    | 108.48            | 0.91                        | 0.15                       | 0.76         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 3.36        | 71.95                    | 108.48            | 0.91                        | 1.00                       | 7.83         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 0.76        | 71.80                    | 108.48            | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 1.26        | 69.10                    | 108.48            | 0.91                        | 1.00                       | 2.82         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 20.05                      |              |
| Third      | R11       | Floorplan-Dwg  | Residential   | LKD       | W14-L       | 0.68                | 0.92               | 0.77        | 71.77                    | 108.47            | 0.91                        | 0.15                       | 0.27         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.26        | 69.08                    | 108.47            | 0.91                        | 1.00                       | 2.82         |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Glass Transmittance | Maintenance Factor | Glazed Area | Clear Sky Angle Proposed | Room Surface Area | Average Surface Reflectance | Below Working Plane Factor | ADF Proposed |
|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
| Third      | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26-L       | 0.68                | 0.92               | 0.58        | 50.93                    | 62.19             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W26-U       | 0.68                | 0.92               | 2.03        | 48.84                    | 62.19             | 0.91                        | 1.00                       | 5.60         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27-L       | 0.68                | 0.92               | 0.36        | 54.35                    | 61.61             | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W27-U       | 0.68                | 0.92               | 1.26        | 52.31                    | 61.61             | 0.91                        | 1.00                       | 3.76         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Third      | R20       | Floorplan-Dwg  | Residential   | LKD       | W28-L       | 0.68                | 0.92               | 1.84        | 50.05                    | 108.47            | 0.91                        | 0.15                       | 0.45         |
|            |           |                |               |           | W28-U       | 0.68                | 0.92               | 3.02        | 35.40                    | 108.47            | 0.91                        | 1.00                       | 3.47         |
|            |           |                |               |           | W29-L       | 0.68                | 0.92               | 0.58        | 61.04                    | 108.47            | 0.91                        | 0.15                       | 0.17         |
|            |           |                |               |           | W29-U       | 0.68                | 0.92               | 2.02        | 60.10                    | 108.47            | 0.91                        | 1.00                       | 3.93         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            |              |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1-L        | 0.68                | 0.92               | 2.15        | 88.02                    | 108.48            | 0.91                        | 0.15                       | 0.92         |
|            |           |                |               |           | W1-U        | 0.68                | 0.92               | 3.53        | 83.82                    | 108.48            | 0.91                        | 1.00                       | 9.60         |
|            |           |                |               |           | W23-L       | 0.68                | 0.92               | 0.58        | 72.86                    | 108.48            | 0.91                        | 0.15                       | 0.20         |
|            |           |                |               |           | W23-U       | 0.68                | 0.92               | 2.02        | 71.43                    | 108.48            | 0.91                        | 1.00                       | 4.67         |
|            |           |                |               |           | W24-L       | 0.68                | 0.92               | 0.96        | 74.94                    | 108.48            | 0.91                        | 0.15                       | 0.35         |
|            |           |                |               |           | W24-U       | 0.68                | 0.92               | 1.57        | 73.41                    | 108.48            | 0.91                        | 1.00                       | 3.74         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 19.48                      |              |
| Fourth     | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2-L        | 0.68                | 0.92               | 0.77        | 83.01                    | 61.61             | 0.91                        | 0.15                       | 0.54         |
|            |           |                |               |           | W2-U        | 0.68                | 0.92               | 1.26        | 80.70                    | 61.61             | 0.91                        | 1.00                       | 5.80         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 6.34                       |              |
| Fourth     | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3-L        | 0.68                | 0.92               | 0.58        | 81.89                    | 62.19             | 0.91                        | 0.15                       | 0.40         |
|            |           |                |               |           | W3-U        | 0.68                | 0.92               | 2.02        | 79.22                    | 62.19             | 0.91                        | 1.00                       | 9.03         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 9.43                       |              |
| Fourth     | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4-L        | 0.68                | 0.92               | 1.63        | 75.16                    | 57.00             | 0.91                        | 0.15                       | 1.13         |
|            |           |                |               |           | W4-U        | 0.68                | 0.92               | 2.69        | 71.21                    | 57.00             | 0.91                        | 1.00                       | 11.81        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             | 12.94                      |              |
| Fourth     | R5        | Floorplan-Dwg  | Residential   | LKD       | W5-L        | 0.68                | 0.92               | 0.58        | 75.11                    | 100.37            | 0.91                        | 0.15                       | 0.23         |
|            |           |                |               |           | W5-U        | 0.68                | 0.92               | 2.02        | 71.70                    | 100.37            | 0.91                        | 1.00                       | 5.06         |

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|------------|-----------|----------------|---------------|-----------|-------------|---------------------|--------------------|-------------|--------------------------|-------------------|-----------------------------|----------------------------|--------------|
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 5.29         |
| Fourth     | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6-L        | 0.68                | 0.92               | 2.04        | 76.13                    | 68.11             | 0.91                        | 0.15                       | 1.20         |
|            |           |                |               |           | W6-U        | 0.68                | 0.92               | 3.36        | 72.07                    | 68.11             | 0.91                        | 1.00                       | 12.50        |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 13.70        |
| Fourth     | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7-L        | 0.68                | 0.92               | 1.26        | 74.53                    | 56.38             | 0.91                        | 0.15                       | 0.88         |
|            |           |                |               |           | W7-U        | 0.68                | 0.92               | 2.07        | 71.05                    | 56.38             | 0.91                        | 1.00                       | 9.18         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 10.06        |
| Fourth     | R8        | Floorplan-Dwg  | Residential   | LKD       | W8-L        | 0.68                | 0.92               | 0.58        | 73.97                    | 102.18            | 0.91                        | 0.15                       | 0.22         |
|            |           |                |               |           | W8-U        | 0.68                | 0.92               | 2.02        | 70.61                    | 102.18            | 0.91                        | 1.00                       | 4.90         |
|            |           |                |               |           | W9-L        | 0.68                | 0.92               | 1.84        | 88.13                    | 102.18            | 0.91                        | 0.15                       | 0.84         |
|            |           |                |               |           | W9-U        | 0.68                | 0.92               | 3.02        | 84.06                    | 102.18            | 0.91                        | 1.00                       | 8.75         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.70        |
| Fourth     | R9        | Floorplan-Dwg  | Residential   | LKD       | W10-L       | 0.68                | 0.92               | 1.84        | 88.13                    | 101.24            | 0.91                        | 0.15                       | 0.84         |
|            |           |                |               |           | W10-U       | 0.68                | 0.92               | 3.02        | 84.06                    | 101.24            | 0.91                        | 1.00                       | 8.83         |
|            |           |                |               |           | W11-L       | 0.68                | 0.92               | 0.58        | 62.77                    | 101.24            | 0.91                        | 0.15                       | 0.19         |
|            |           |                |               |           | W11-U       | 0.68                | 0.92               | 2.02        | 62.08                    | 101.24            | 0.91                        | 1.00                       | 4.35         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 14.20        |
| Fourth     | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W12-L       | 0.68                | 0.92               | 0.62        | 53.13                    | 59.11             | 0.91                        | 0.15                       | 0.29         |
|            |           |                |               |           | W12-U       | 0.68                | 0.92               | 1.02        | 52.72                    | 59.11             | 0.91                        | 1.00                       | 3.20         |
|            |           |                |               |           | W13-L       | 0.68                | 0.92               | 1.26        | 63.04                    | 59.11             | 0.91                        | 0.15                       | 0.71         |
|            |           |                |               |           | W13-U       | 0.68                | 0.92               | 2.07        | 61.78                    | 59.11             | 0.91                        | 1.00                       | 7.61         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 11.81        |
| Fourth     | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W14-L       | 0.68                | 0.92               | 0.62        | 52.36                    | 57.10             | 0.91                        | 0.15                       | 0.30         |
|            |           |                |               |           | W14-U       | 0.68                | 0.92               | 1.02        | 52.42                    | 57.10             | 0.91                        | 1.00                       | 3.29         |
|            |           |                |               |           | W15-L       | 0.68                | 0.92               | 0.36        | 75.55                    | 57.10             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W15-U       | 0.68                | 0.92               | 1.26        | 74.70                    | 57.10             | 0.91                        | 1.00                       | 5.79         |
|            |           |                |               |           |             |                     |                    |             |                          |                   |                             |                            | 9.63         |
| Fourth     | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16-L       | 0.68                | 0.92               | 0.36        | 74.46                    | 56.65             | 0.91                        | 0.15                       | 0.25         |
|            |           |                |               |           | W16-U       | 0.68                | 0.92               | 1.26        | 73.72                    | 56.65             | 0.91                        | 1.00                       | 5.76         |

[illegible]

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
| <b>Building 1</b> |           |                |               |           |           |           |                   |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.46     | 25.44             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.93     | 11.78             |
|                   |           |                |               |           | % of room |           | 99%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 18.14     | 18.07             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.73     | 23.14             |
|                   |           |                |               |           | % of room |           | 98%               |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.59     | 11.22             |
|                   |           |                |               |           | % of room |           | 97%               |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.63     | 11.46             |
|                   |           |                |               |           | % of room |           | 99%               |
|                   | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.20     | 25.16             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.20     | 24.83             |
|                   |           |                |               |           | % of room |           | 99%               |
|                   | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 8.67              |
|                   |           |                |               |           | % of room |           | 75%               |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.60     | 7.25              |
|                   |           |                |               |           | % of room |           | 63%               |
|                   | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.57     | 26.92             |
|                   |           |                |               |           | % of room |           | 98%               |
|                   | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.09     | 10.15             |
|                   |           |                |               |           | % of room |           | 92%               |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.52     | 9.67              |
|                   |           |                |               |           | % of room |           | 92%               |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.38     | 9.78              |
|                   |           |                |               |           | % of room |           | 94%               |
|                   | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.79     | 24.10             |
|                   |           |                |               |           | % of room |           | 97%               |
|                   | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 33.25     | 33.24             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 14.03     | 13.46             |
|                   |           |                |               |           | % of room |           | 96%               |
|                   | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.90      | 9.58              |
|                   |           |                |               |           | % of room |           | 97%               |
|                   | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.24     | 12.20             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.82     | 27.74             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.82     | 27.75             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.24     | 12.03             |
|                   |           |                |               |           | % of room |           | 98%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.46     | 25.44<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.93     | 11.78<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 18.14     | 18.08<br>100%     |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.73     | 23.15<br>98%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.59     | 11.22<br>97%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.63     | 11.46<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.20     | 25.16<br>100%     |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.20     | 24.86<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 9.00<br>77%       |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.60     | 7.74<br>67%       |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.57     | 26.95<br>98%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.09     | 10.17<br>92%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.52     | 9.74<br>93%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.38     | 9.87<br>95%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.79     | 24.10<br>97%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 33.25     | 33.25<br>100%     |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 14.03     | 13.46<br>96%      |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.90      | 9.58<br>97%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.24     | 12.21<br>100%     |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.82     | 27.74<br>100%     |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.82     | 27.75<br>100%     |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.24     | 12.03<br>98%      |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.46     | 25.43<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.93     | 11.78             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 99%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 18.14     | 18.08             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.73     | 23.15             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.59     | 11.22             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.63     | 11.47             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.20     | 25.17             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.20     | 24.87             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 9.49              |
|            |           |                |               |           | % of room |           | 82%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.60     | 8.55              |
|            |           |                |               |           | % of room |           | 74%               |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.57     | 26.98             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.09     | 10.23             |
|            |           |                |               |           | % of room |           | 92%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.52     | 9.85              |
|            |           |                |               |           | % of room |           | 94%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.38     | 9.94              |
|            |           |                |               |           | % of room |           | 96%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.79     | 24.12             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 33.25     | 33.25             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 14.03     | 13.46             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.90      | 9.58              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.24     | 12.21             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.82     | 27.74             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.82     | 27.75             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.24     | 12.03             |
|            |           |                |               |           | % of room |           | 98%               |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.46     | 25.43             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.93     | 11.78             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 18.14     | 18.08             |
|            |           |                |               |           | % of room |           | 100%              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.73     | 23.15<br>98%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.59     | 11.22<br>97%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.63     | 11.47<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.20     | 25.17<br>100%     |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.20     | 24.98<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 10.66<br>92%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.60     | 10.06<br>87%      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.57     | 27.04<br>98%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.09     | 10.36<br>93%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.52     | 9.91<br>94%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.38     | 9.96<br>96%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.79     | 24.12<br>97%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 33.25     | 33.25<br>100%     |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 14.03     | 13.46<br>96%      |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.90      | 9.58<br>97%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.24     | 12.21<br>100%     |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.82     | 27.74<br>100%     |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.82     | 27.75<br>100%     |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.24     | 12.03<br>98%      |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.46     | 25.43<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.93     | 11.78<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 18.14     | 18.08<br>100%     |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.73     | 23.15<br>98%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.59     | 11.22             |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 97%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.63     | 11.47             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.20     | 25.17             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.20     | 25.15             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 11.33             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.60     | 11.14             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.57     | 27.27             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.09     | 10.43             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.52     | 9.94              |
|            |           |                |               |           | % of room |           | 95%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.38     | 9.97              |
|            |           |                |               |           | % of room |           | 96%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.79     | 24.12             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 33.25     | 33.25             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 14.03     | 13.46             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.90      | 9.58              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.24     | 12.21             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.82     | 27.74             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.82     | 27.75             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.24     | 12.03             |
|            |           |                |               |           | % of room |           | 98%               |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.46     | 25.43             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.93     | 11.78             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 18.14     | 18.08             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.73     | 23.15             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.59     | 11.22             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.63     | 11.47             |
|            |           |                |               |           | % of room |           | 99%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.20     | 25.17<br>100%     |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.20     | 25.17<br>100%     |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.45<br>98%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.60     | 11.22<br>97%      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.57     | 27.40<br>99%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.09     | 10.46<br>94%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.52     | 9.95<br>95%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.38     | 10.07<br>97%      |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.79     | 24.12<br>97%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 33.25     | 33.25<br>100%     |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 14.03     | 13.46<br>96%      |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.90      | 9.58<br>97%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.24     | 12.21<br>100%     |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.83     | 27.75<br>100%     |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.82     | 27.75<br>100%     |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.24     | 12.03<br>98%      |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.81      | 8.75<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.20     | 10.16<br>100%     |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 22.21     | 22.18<br>100%     |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.86     | 11.22<br>95%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.85      | 9.41<br>96%       |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.50     | 10.10<br>96%      |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.97     | 25.95<br>100%     |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 21.03     | 19.54             |

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Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                   | R9        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.85     | 93%<br>11.48      |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.96     | 97%<br>10.23      |
|                   | R11       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 21.86     | 93%<br>21.59      |
|                   | R12       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 21.87     | 99%<br>21.60      |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.97     | 99%<br>10.22      |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.95     | 93%<br>10.59      |
|                   | R15       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.27      | 97%<br>7.32       |
|                   | R16       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 23.14     | 88%<br>22.60      |
|                   | R17       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 23.83     | 98%<br>23.56      |
|                   |           |                |               |           | % of room            |           | 99%               |
| <b>Building 2</b> |           |                |               |           |                      |           |                   |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 31.96     | 31.92             |
|                   |           |                |               |           | % of room            |           | 100%              |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.10     | 7.43              |
|                   |           |                |               |           | % of room            |           | 61%               |
|                   | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 22.92     | 7.11              |
|                   |           |                |               |           | % of room            |           | 31%               |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 31.96     | 31.89             |
|                   |           |                |               |           | % of room            |           | 100%              |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 9.83      | 9.66              |
|                   |           |                |               |           | % of room            |           | 98%               |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.36     | 11.99             |
|                   |           |                |               |           | % of room            |           | 97%               |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.66     | 12.50             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.66     | 12.48             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.36     | 12.00             |
|                   |           |                |               |           | % of room            |           | 97%               |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 9.83      | 9.68              |
|                   |           |                |               |           | % of room            |           | 98%               |
| Second            | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 31.96     | 31.92             |
|                   |           |                |               |           | % of room            |           | 100%              |
|                   | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 22.92     | 22.39             |
|                   |           |                |               |           | % of room            |           | 98%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.10     | 11.20             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 93%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 9.16              |
|            |           |                |               |           | % of room |           | 83%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 15.34             |
|            |           |                |               |           | % of room |           | 65%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 11.72             |
|            |           |                |               |           | % of room |           | 49%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 7.59              |
|            |           |                |               |           | % of room |           | 69%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.10     | 8.57              |
|            |           |                |               |           | % of room |           | 71%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 22.92     | 7.70              |
|            |           |                |               |           | % of room |           | 34%               |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.96     | 31.93             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.83      | 9.68              |
|            |           |                |               |           | % of room |           | 98%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.36     | 12.01             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.66     | 12.50             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.66     | 12.48             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.36     | 12.02             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.83      | 9.67              |
|            |           |                |               |           | % of room |           | 98%               |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.96     | 31.92             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 22.92     | 22.40             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.10     | 11.79             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 10.34             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.69     | 17.22             |
|            |           |                |               |           | % of room |           | 73%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 13.68             |
|            |           |                |               |           | % of room |           | 58%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 9.36              |
|            |           |                |               |           | % of room |           | 85%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.10     | 10.11             |
|            |           |                |               |           | % of room |           | 84%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 22.92     | 10.42             |
|            |           |                |               |           | % of room |           | 45%               |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.96     | 31.94             |
|            |           |                |               |           | % of room |           | 100%              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.68<br>98%       |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.00<br>97%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.48<br>99%      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.02<br>97%      |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.67<br>98%       |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.92<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 22.92     | 22.72<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.10     | 11.79<br>97%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.03     | 10.69<br>97%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 21.10<br>89%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.69     | 18.08<br>76%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.03     | 10.70<br>97%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.10     | 11.67<br>96%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 22.92     | 14.14<br>62%      |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.94<br>100%     |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.68<br>98%       |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.00<br>97%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.48<br>99%      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.02<br>97%      |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.67<br>98%       |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.92<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 22.92     | 22.83             |

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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 100%              |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.10     | 11.79             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 10.70             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.69     | 23.49             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 22.16             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 10.69             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.10     | 11.67             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 22.92     | 19.47             |
|            |           |                |               |           | % of room |           | 85%               |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.96     | 31.94             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.83      | 9.67              |
|            |           |                |               |           | % of room |           | 98%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.36     | 12.02             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.66     | 12.50             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.66     | 12.48             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.36     | 12.03             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.83      | 9.68              |
|            |           |                |               |           | % of room |           | 98%               |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.96     | 31.92             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 22.92     | 22.83             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.10     | 11.82             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 10.71             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 23.52             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 23.52             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.03     | 10.71             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.10     | 11.78             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 22.92     | 22.68             |
|            |           |                |               |           | % of room |           | 99%               |

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Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                   | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.95<br>100%     |
|                   | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.68<br>98%       |
|                   | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.02<br>97%      |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.48<br>99%      |
|                   | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.02<br>97%      |
|                   | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.67<br>98%       |
| Seventh           | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.52     | 24.38<br>99%      |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.02     | 12.80<br>98%      |
|                   | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 24.70<br>99%      |
|                   | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.20     | 10.84<br>97%      |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.61<br>98%      |
|                   | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.64     | 24.03<br>97%      |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.10     | 11.68<br>97%      |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.10     | 11.67<br>96%      |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.64     | 24.21<br>98%      |
|                   | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.89<br>100%     |
|                   | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.70<br>99%       |
|                   | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.08<br>98%      |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.46<br>98%      |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.93      | 9.68<br>97%       |
| <b>Building 3</b> |           |                |               |           |                      |           |                   |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 5.42<br>22%       |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 4.98<br>46%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 6.44<br>47%       |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 22.70     | 9.29<br>41%       |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.72     | 9.86<br>92%       |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 10.50<br>77%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.02<br>92%      |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 24.74<br>100%     |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.91<br>100%     |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.66<br>98%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.01<br>97%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.48<br>99%      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 11.95<br>97%      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.65<br>98%       |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.79<br>99%      |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 12.90<br>52%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 5.89<br>54%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 7.60<br>56%       |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 7.73<br>31%       |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.31      | 3.58<br>49%       |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.54     | 9.38<br>89%       |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 12.13<br>89%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.23<br>94%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 24.84     | 24.78             |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 31.96     | 100%<br>31.91     |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 9.83      | 100%<br>9.64      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.36     | 98%<br>12.02      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.66     | 97%<br>12.50      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.66     | 99%<br>12.50      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.36     | 99%<br>11.95      |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 9.83      | 97%<br>9.65       |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 31.97     | 98%<br>31.77      |
|            |           |                |               |           | % of room            |           | 99%               |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 24.84     | 13.99             |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.87     | 56%<br>7.58       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 13.59     | 70%<br>9.43       |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 24.84     | 69%<br>9.73       |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 7.31      | 39%<br>5.12       |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.54     | 70%<br>10.22      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 13.59     | 97%<br>12.97      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.87     | 95%<br>10.74      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 24.84     | 99%<br>24.81      |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 31.96     | 100%<br>31.92     |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 9.83      | 100%<br>9.64      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.36     | 98%<br>12.02      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.66     | 97%<br>12.50      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.66     | 99%<br>12.50      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.36     | 99%<br>11.96      |
|            |           |                |               |           | % of room            |           | 97%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.65<br>98%       |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.97     | 31.77<br>99%      |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 15.92<br>64%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 9.95<br>92%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 11.33<br>83%      |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 14.16<br>57%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.31      | 6.64<br>91%       |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.54     | 10.45<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 13.41<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.77<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 24.81<br>100%     |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.96     | 31.93<br>100%     |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.64<br>98%       |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.02<br>97%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 11.95<br>97%      |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.65<br>98%       |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.97     | 31.77<br>99%      |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 18.93<br>76%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.77<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 13.42<br>99%      |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 20.14<br>81%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 7.31      | 7.14              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 98%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.54     | 10.45             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 13.41             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 10.77             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.81             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.96     | 31.94             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.83      | 9.64              |
|            |           |                |               |           | % of room |           | 98%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.36     | 12.02             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.66     | 12.50             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.66     | 12.50             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.36     | 11.98             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.83      | 9.66              |
|            |           |                |               |           | % of room |           | 98%               |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.97     | 31.80             |
|            |           |                |               |           | % of room |           | 99%               |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.80             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 10.77             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 13.43             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.67             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.31      | 7.15              |
|            |           |                |               |           | % of room |           | 98%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.54     | 10.45             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 13.42             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 10.77             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.81             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 31.96     | 31.95             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.83      | 9.64              |
|            |           |                |               |           | % of room |           | 98%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                   | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.02<br>97%      |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.50<br>99%      |
|                   | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.02<br>97%      |
|                   | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.68<br>98%       |
|                   | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 31.97     | 31.84<br>100%     |
| Seventh           | R1        | Floorplan-Dwg  | Residential   | LD        | Area m2<br>% of room | 24.64     | 24.21<br>98%      |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.10     | 11.70<br>97%      |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.10     | 11.69<br>97%      |
|                   | R4        | Floorplan-Dwg  | Residential   | LD        | Area m2<br>% of room | 24.65     | 24.03<br>98%      |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.59<br>97%      |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.20     | 10.87<br>97%      |
|                   | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 24.72<br>100%     |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.03     | 9.38<br>72%       |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.52     | 24.23<br>99%      |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.93      | 9.70<br>98%       |
|                   | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.66     | 12.47<br>99%      |
|                   | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.36     | 12.08<br>98%      |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.83      | 9.68<br>98%       |
|                   | R14       | Floorplan-Dwg  | Residential   | LD        | Area m2<br>% of room | 31.97     | 31.87<br>100%     |
| <b>Building 4</b> |           |                |               |           |                      |           |                   |
| Ground            | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.70     | 5.47<br>43%       |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.85     | 7.74<br>71%       |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.51      | 5.51<br>65%       |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.69     | 27.90<br>97%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.35     | 12.72<br>48%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.35     | 12.67<br>48%      |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.35     | 12.59<br>48%      |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 30.31     | 23.80<br>79%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 6.21<br>71%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 8.13<br>74%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 10.18<br>76%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 29.60     | 22.16<br>75%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.39     | 10.67<br>80%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 10.01<br>83%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 10.42<br>90%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.30<br>97%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.35      | 6.86<br>73%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.39      | 7.00<br>83%       |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.02     | 8.81<br>73%       |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.35      | 7.68<br>82%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.39      | 7.76<br>93%       |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.02     | 7.65<br>64%       |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.35      | 7.69<br>82%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.39      | 7.85<br>94%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.02     | 7.18<br>60%       |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 38.12     | 6.58              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use.    |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|--------------|-----------|-----------|-------------------|
|            |           |                |               |              | % of room |           | 17%               |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 13.86     | 3.61              |
|            |           |                |               |              | % of room |           | 26%               |
|            | R21       | Floorplan-Dwg  | Residential   | LD           | Area m2   | 13.86     | 4.11              |
|            |           |                |               |              | % of room |           | 30%               |
|            | R22       | Floorplan-Dwg  | Residential   | LD           | Area m2   | 15.54     | 4.00              |
|            |           |                |               |              | % of room |           | 26%               |
|            | R23       | Floorplan-Dwg  | Residential   | Resi-Unknown | Area m2   | 18.20     | 3.04              |
|            |           |                |               |              | % of room |           | 17%               |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 13.32     | 3.52              |
|            |           |                |               |              | % of room |           | 26%               |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 11.04     | 3.40              |
|            |           |                |               |              | % of room |           | 31%               |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 8.76      | 2.14              |
|            |           |                |               |              | % of room |           | 24%               |
|            | R27       | Floorplan-Dwg  | Residential   | LKD          | Area m2   | 30.31     | 3.42              |
|            |           |                |               |              | % of room |           | 11%               |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD          | Area m2   | 26.05     | 25.25             |
|            |           |                |               |              | % of room |           | 97%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 11.62     | 11.02             |
|            |           |                |               |              | % of room |           | 95%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 12.03     | 11.49             |
|            |           |                |               |              | % of room |           | 96%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 10.45     | 10.32             |
|            |           |                |               |              | % of room |           | 99%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 7.68      | 7.29              |
|            |           |                |               |              | % of room |           | 95%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD          | Area m2   | 24.84     | 14.97             |
|            |           |                |               |              | % of room |           | 60%               |
|            | R7        | Floorplan-Dwg  | Residential   | LKD          | Area m2   | 29.60     | 24.74             |
|            |           |                |               |              | % of room |           | 84%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 13.39     | 12.32             |
|            |           |                |               |              | % of room |           | 92%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 12.03     | 11.43             |
|            |           |                |               |              | % of room |           | 95%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 11.62     | 11.02             |
|            |           |                |               |              | % of room |           | 95%               |
|            | R11       | Floorplan-Dwg  | Residential   | LKD          | Area m2   | 26.05     | 25.24             |
|            |           |                |               |              | % of room |           | 97%               |
|            | R12       | Floorplan-Dwg  | Residential   | LKD          | Area m2   | 28.34     | 25.96             |
|            |           |                |               |              | % of room |           | 92%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 8.89      | 2.60              |
|            |           |                |               |              | % of room |           | 29%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 10.81     | 2.98              |
|            |           |                |               |              | % of room |           | 28%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom      | Area m2   | 12.37     | 4.10              |
|            |           |                |               |              | % of room |           | 33%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.03     | 4.61<br>35%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.17      | 3.16<br>35%       |
|            | R18       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.81     | 7.12<br>26%       |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.81     | 8.03<br>29%       |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.00      | 3.62<br>40%       |
|            | R21       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.93     | 5.00<br>39%       |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.37     | 4.34<br>35%       |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.81     | 3.39<br>31%       |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.89      | 3.39<br>38%       |
|            | R25       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.34     | 27.40<br>97%      |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.52<br>98%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.05<br>95%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.94<br>99%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.45     | 10.33<br>99%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.68      | 7.47<br>97%       |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 19.37<br>78%      |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 29.60     | 27.43<br>93%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.39     | 12.94<br>97%      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.96<br>99%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.04<br>95%      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.48<br>98%      |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.34     | 26.69<br>94%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.89      | 3.21<br>36%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.81     | 4.04              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 37%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.37     | 4.93              |
|            |           |                |               |           | % of room |           | 40%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 6.81              |
|            |           |                |               |           | % of room |           | 50%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 5.59              |
|            |           |                |               |           | % of room |           | 51%               |
|            | R18       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 6.63              |
|            |           |                |               |           | % of room |           | 27%               |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 5.37              |
|            |           |                |               |           | % of room |           | 22%               |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 6.66              |
|            |           |                |               |           | % of room |           | 61%               |
|            | R21       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 7.65              |
|            |           |                |               |           | % of room |           | 56%               |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.37     | 5.42              |
|            |           |                |               |           | % of room |           | 44%               |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.81     | 4.72              |
|            |           |                |               |           | % of room |           | 44%               |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.89      | 4.25              |
|            |           |                |               |           | % of room |           | 48%               |
|            | R25       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.34     | 27.51             |
|            |           |                |               |           | % of room |           | 97%               |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.05     | 25.77             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 11.05             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.03     | 11.94             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.45     | 10.34             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.68      | 7.47              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.52             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 29.60     | 29.18             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.39     | 12.95             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.03     | 11.96             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 11.04             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.05     | 25.77             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.34     | 27.49             |
|            |           |                |               |           | % of room |           | 97%               |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.89      | 4.29<br>48%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.81     | 5.21<br>48%       |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.37     | 6.17<br>50%       |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 8.53<br>63%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 7.52<br>69%       |
|            | R18       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 8.76<br>35%       |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 7.92<br>32%       |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 8.49<br>78%       |
|            | R21       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 9.74<br>72%       |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.37     | 7.18<br>58%       |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.81     | 6.72<br>62%       |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.89      | 5.53<br>62%       |
|            | R25       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.34     | 27.54<br>97%      |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.99<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.07<br>95%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.95<br>99%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.45     | 10.34<br>99%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.68      | 7.47<br>97%       |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 24.69<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 29.60     | 29.33<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.39     | 12.95<br>97%      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.97<br>99%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.06<br>95%      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 25.98             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 100%              |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.34     | 27.52             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.89      | 6.43              |
|            |           |                |               |           | % of room |           | 72%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.81     | 7.97              |
|            |           |                |               |           | % of room |           | 74%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.37     | 8.55              |
|            |           |                |               |           | % of room |           | 69%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 11.38             |
|            |           |                |               |           | % of room |           | 84%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 10.54             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R18       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 12.63             |
|            |           |                |               |           | % of room |           | 51%               |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 12.24             |
|            |           |                |               |           | % of room |           | 49%               |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 10.72             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R21       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 12.45             |
|            |           |                |               |           | % of room |           | 92%               |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.37     | 10.33             |
|            |           |                |               |           | % of room |           | 83%               |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.81     | 9.24              |
|            |           |                |               |           | % of room |           | 85%               |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.89      | 7.58              |
|            |           |                |               |           | % of room |           | 85%               |
|            | R25       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.34     | 27.59             |
|            |           |                |               |           | % of room |           | 97%               |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 32.95     | 32.73             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 10.71             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 13.33             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.59     | 13.34             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.87     | 10.71             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 32.95     | 32.73             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 39.31     | 31.55             |
|            |           |                |               |           | % of room |           | 80%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.57      | 7.22              |
|            |           |                |               |           | % of room |           | 95%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.62     | 10.53             |
|            |           |                |               |           | % of room |           | 99%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.72     | 12.55<br>99%      |
|                   | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.72     | 12.61<br>99%      |
|                   | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.62     | 10.52<br>99%      |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.57      | 7.21<br>95%       |
|                   | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 39.31     | 37.60<br>96%      |
| <b>Building 5</b> |           |                |               |           |                      |           |                   |
| First             | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.10<br>91%       |
|                   | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 25.98<br>100%     |
|                   | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.95     | 27.86<br>100%     |
|                   | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.94     | 10.90<br>91%      |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 10.98<br>95%      |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.79      | 8.63<br>98%       |
|                   | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.91     | 28.68<br>99%      |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 9.67<br>85%       |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 19.19<br>94%      |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 5.29<br>61%       |
|                   | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 6.08<br>45%       |
|                   | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 9.74<br>34%       |
|                   | R13       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 4.63<br>22%       |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 2.84<br>28%       |
|                   | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.18     | 7.00<br>69%       |
|                   | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.77     | 23.74<br>100%     |
| Second            | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.10<br>91%       |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 25.98<br>100%     |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.95     | 27.86<br>100%     |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.94     | 10.90<br>91%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 10.98<br>95%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.79      | 8.61<br>98%       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.91     | 28.67<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.44     | 9.75<br>85%       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 19.90<br>97%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 6.64<br>76%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 7.79<br>57%       |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 18.60<br>65%      |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 5.81<br>28%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 3.18<br>31%       |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 8.72<br>84%       |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.07<br>49%       |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 26.82<br>99%      |
| Third      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.12<br>91%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 25.98<br>100%     |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.95     | 27.87<br>100%     |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.94     | 9.83<br>82%       |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 10.98<br>95%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.79      | 8.63<br>98%       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.91     | 28.63<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.35     | 9.97              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.49     | 88%<br>19.96      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.72      | 97%<br>7.25       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 13.61     | 83%<br>9.40       |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 28.56     | 69%<br>23.31      |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.98     | 82%<br>7.05       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.19     | 34%<br>3.92       |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.44     | 38%<br>8.78       |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.35     | 84%<br>5.14       |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 27.09     | 50%<br>26.84      |
|            |           |                |               |           | % of room            |           | 99%               |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.12              |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.01     | 91%<br>25.98      |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 27.95     | 100%<br>27.86     |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.94     | 100%<br>10.91     |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.53     | 91%<br>10.98      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.79      | 95%<br>8.63       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 28.91     | 98%<br>28.75      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.35     | 99%<br>9.88       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.49     | 87%<br>19.95      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.72      | 97%<br>8.16       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 13.61     | 93%<br>10.01      |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 28.56     | 74%<br>25.95      |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.98     | 91%<br>9.56       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.19     | 46%<br>5.58       |
|            |           |                |               |           | % of room            |           | 55%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 9.12<br>87%       |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.24<br>51%       |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.04<br>100%     |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.95<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 25.67<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.95     | 27.38<br>98%      |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | Area m2<br>% of room | 11.94     | 11.55<br>97%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 11.47<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.79      | 8.47<br>96%       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.91     | 28.88<br>100%     |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 10.33<br>91%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 19.56<br>95%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 8.44<br>97%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 12.52<br>92%      |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 26.37<br>92%      |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 17.56<br>68%      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.89<br>98%       |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.95<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 25.67<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.95     | 27.38<br>98%      |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | Area m2<br>% of room | 11.94     | 11.54<br>97%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 11.47<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.79      | 8.46<br>96%       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 28.91     | 28.88             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.35     | 100%<br>10.91     |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.49     | 96%<br>19.75      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.72      | 96%<br>8.44       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 13.61     | 97%<br>13.15      |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 28.56     | 97%<br>26.58      |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.01     | 93%<br>20.39      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.05     | 78%<br>9.89       |
|            |           |                |               |           | % of room            |           | 98%               |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.95              |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.01     | 99%<br>25.67      |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 27.95     | 99%<br>27.38      |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | % of room<br>Area m2 | 11.94     | 98%<br>11.54      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.53     | 97%<br>11.47      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.79      | 99%<br>8.46       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 28.91     | 96%<br>28.88      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.35     | 100%<br>10.91     |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.49     | 96%<br>20.33      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.72      | 99%<br>8.44       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 13.61     | 97%<br>13.15      |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 28.56     | 97%<br>28.18      |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.01     | 99%<br>25.69      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.05     | 99%<br>9.89       |
|            |           |                |               |           | % of room            |           | 98%               |
| Eighth     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.95              |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.01     | 99%<br>25.67      |
|            |           |                |               |           | % of room            |           | 99%               |

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Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.95     | 27.38<br>98%      |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | Area m2<br>% of room | 11.94     | 11.54<br>97%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 11.47<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.79      | 8.46<br>96%       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.91     | 28.88<br>100%     |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 10.91<br>96%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 20.37<br>99%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 8.44<br>97%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 13.15<br>97%      |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 28.18<br>99%      |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 25.69<br>99%      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.89<br>98%       |
| Ninth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.95<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.01     | 25.67<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.95     | 27.38<br>98%      |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | Area m2<br>% of room | 11.94     | 11.54<br>97%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 11.47<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.79      | 8.46<br>96%       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.91     | 28.88<br>100%     |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 10.91<br>96%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 20.37<br>99%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 8.44<br>97%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 13.15<br>97%      |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 28.56     | 28.18             |



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Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                   | R13       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.01     | 99%<br>25.69      |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.05     | 99%<br>9.89       |
|                   |           |                |               |           | % of room            |           | 98%               |
| Tenth             | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.95              |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.01     | 25.67             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 27.95     | 27.38             |
|                   |           |                |               |           | % of room            |           | 98%               |
|                   | R4        | Floorplan-Dwg  | Residential   | LD        | Area m2              | 11.94     | 11.54             |
|                   |           |                |               |           | % of room            |           | 97%               |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.53     | 11.47             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 8.79      | 8.46              |
|                   |           |                |               |           | % of room            |           | 96%               |
|                   | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 28.91     | 28.88             |
|                   |           |                |               |           | % of room            |           | 100%              |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.35     | 10.91             |
|                   |           |                |               |           | % of room            |           | 96%               |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.49     | 20.37             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 8.72      | 8.44              |
|                   |           |                |               |           | % of room            |           | 97%               |
|                   | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 13.61     | 13.15             |
|                   |           |                |               |           | % of room            |           | 97%               |
|                   | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 28.56     | 28.19             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R13       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.01     | 25.69             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.89              |
|                   |           |                |               |           | % of room            |           | 98%               |
| <b>Building 6</b> |           |                |               |           |                      |           |                   |
| Ground            | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 14.86     | 13.83             |
|                   |           |                |               |           | % of room            |           | 93%               |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 13.25     | 12.16             |
|                   |           |                |               |           | % of room            |           | 92%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 13.25     | 12.68             |
|                   |           |                |               |           | % of room            |           | 96%               |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 33.97     | 20.72             |
|                   |           |                |               |           | % of room            |           | 61%               |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.76     | 23.55             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.18     | 7.21              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 71%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 1.21              |
|            |           |                |               |           | % of room |           | 12%               |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 1.89              |
|            |           |                |               |           | % of room |           | 9%                |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 6.29              |
|            |           |                |               |           | % of room |           | 22%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 5.21              |
|            |           |                |               |           | % of room |           | 38%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.72      | 5.80              |
|            |           |                |               |           | % of room |           | 67%               |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.49     | 16.23             |
|            |           |                |               |           | % of room |           | 79%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.35     | 7.53              |
|            |           |                |               |           | % of room |           | 66%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.35     | 6.79              |
|            |           |                |               |           | % of room |           | 60%               |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.49     | 18.55             |
|            |           |                |               |           | % of room |           | 91%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.72      | 7.27              |
|            |           |                |               |           | % of room |           | 83%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 6.88              |
|            |           |                |               |           | % of room |           | 51%               |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 13.81             |
|            |           |                |               |           | % of room |           | 48%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 5.23              |
|            |           |                |               |           | % of room |           | 25%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 2.27              |
|            |           |                |               |           | % of room |           | 22%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 8.60              |
|            |           |                |               |           | % of room |           | 82%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 4.26              |
|            |           |                |               |           | % of room |           | 41%               |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 27.06             |
|            |           |                |               |           | % of room |           | 100%              |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 26.78             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 5.50              |
|            |           |                |               |           | % of room |           | 53%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 7.06              |
|            |           |                |               |           | % of room |           | 68%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 1.11              |
|            |           |                |               |           | % of room |           | 11%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 2.20              |
|            |           |                |               |           | % of room |           | 11%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 7.27              |
|            |           |                |               |           | % of room |           | 25%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 5.30<br>39%       |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 5.95<br>68%       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 16.75<br>82%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 7.66<br>67%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 7.18<br>63%       |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 18.71<br>91%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 7.79<br>89%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 8.12<br>60%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 17.26<br>60%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 6.72<br>32%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 2.35<br>23%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 8.74<br>84%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.50<br>53%       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.07<br>100%     |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 26.87<br>99%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.67<br>55%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 7.58<br>73%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 1.40<br>14%       |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 2.77<br>13%       |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 9.74<br>34%       |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 5.45<br>40%       |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 6.31<br>72%       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 17.49<br>85%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.35     | 8.39              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.35     | 74%<br>8.29       |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.49     | 73%<br>18.95      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 8.71      | 92%<br>8.26       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 13.61     | 95%<br>9.88       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 28.56     | 73%<br>22.67      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.98     | 79%<br>8.14       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.19     | 39%<br>2.96       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.44     | 29%<br>8.82       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.35     | 85%<br>5.67       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 27.09     | 55%<br>27.09      |
|            |           |                |               |           | % of room            |           | 100%              |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 27.09     | 26.99             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.35     | 5.83              |
|            |           |                |               |           | % of room            |           | 56%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.44     | 7.99              |
|            |           |                |               |           | % of room            |           | 77%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.19     | 1.80              |
|            |           |                |               |           | % of room            |           | 18%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.98     | 6.26              |
|            |           |                |               |           | % of room            |           | 30%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 28.56     | 14.81             |
|            |           |                |               |           | % of room            |           | 52%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 13.61     | 5.27              |
|            |           |                |               |           | % of room            |           | 39%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 8.72      | 6.39              |
|            |           |                |               |           | % of room            |           | 73%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.49     | 18.28             |
|            |           |                |               |           | % of room            |           | 89%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.35     | 9.28              |
|            |           |                |               |           | % of room            |           | 82%               |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.35     | 9.23              |
|            |           |                |               |           | % of room            |           | 81%               |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.49     | 19.00             |
|            |           |                |               |           | % of room            |           | 93%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 8.72      | 8.30              |
|            |           |                |               |           | % of room            |           | 95%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 9.73<br>72%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 25.63<br>90%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 9.65<br>46%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 4.33<br>42%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 9.16<br>88%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.83<br>56%       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.09<br>100%     |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 8.98<br>89%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 15.00<br>58%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 2.84<br>24%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 8.68<br>75%       |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.68<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.68<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.20<br>96%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 7.97<br>66%       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.99     | 17.33<br>67%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.92<br>99%       |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 8.99<br>89%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 15.13<br>58%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 3.00<br>25%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 8.72<br>75%       |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.68<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.81<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.62     | 11.51             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.03     | 99%<br>11.40      |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.01     | 95%<br>21.13      |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.05     | 81%<br>9.92       |
|                   |           |                |               |           | % of room            |           | 99%               |
| Seventh           | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.28              |
|                   |           |                |               |           | % of room            |           | 92%               |
|                   | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 25.94     | 15.47             |
|                   |           |                |               |           | % of room            |           | 60%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.03     | 5.64              |
|                   |           |                |               |           | % of room            |           | 47%               |
|                   | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.62     | 9.01              |
|                   |           |                |               |           | % of room            |           | 78%               |
|                   | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 25.70             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 25.94             |
|                   |           |                |               |           | % of room            |           | 100%              |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.62     | 11.51             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.03     | 11.41             |
|                   |           |                |               |           | % of room            |           | 95%               |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 25.99     | 25.75             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.92              |
|                   |           |                |               |           | % of room            |           | 99%               |
| <b>Building 7</b> |           |                |               |           |                      |           |                   |
| Ground            | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 14.86     | 14.67             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 13.25     | 13.12             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 13.25     | 13.11             |
|                   |           |                |               |           | % of room            |           | 99%               |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 33.98     | 25.50             |
|                   |           |                |               |           | % of room            |           | 75%               |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.77     | 23.77             |
|                   |           |                |               |           | % of room            |           | 100%              |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.18     | 7.54              |
|                   |           |                |               |           | % of room            |           | 74%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.19     | 2.34              |
|                   |           |                |               |           | % of room            |           | 23%               |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.98     | 5.05              |
|                   |           |                |               |           | % of room            |           | 24%               |
|                   | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 28.56     | 11.40             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 40%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 5.88              |
|            |           |                |               |           | % of room |           | 43%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.72      | 6.41              |
|            |           |                |               |           | % of room |           | 73%               |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.49     | 18.76             |
|            |           |                |               |           | % of room |           | 92%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.35     | 7.33              |
|            |           |                |               |           | % of room |           | 65%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.35     | 8.50              |
|            |           |                |               |           | % of room |           | 75%               |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.49     | 19.15             |
|            |           |                |               |           | % of room |           | 93%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.72      | 7.32              |
|            |           |                |               |           | % of room |           | 84%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 6.82              |
|            |           |                |               |           | % of room |           | 50%               |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 13.54             |
|            |           |                |               |           | % of room |           | 47%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 5.23              |
|            |           |                |               |           | % of room |           | 25%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 2.28              |
|            |           |                |               |           | % of room |           | 22%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 8.58              |
|            |           |                |               |           | % of room |           | 82%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 4.26              |
|            |           |                |               |           | % of room |           | 41%               |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 27.09             |
|            |           |                |               |           | % of room |           | 100%              |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 26.97             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 5.54              |
|            |           |                |               |           | % of room |           | 53%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 8.73              |
|            |           |                |               |           | % of room |           | 84%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 2.44              |
|            |           |                |               |           | % of room |           | 24%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 6.69              |
|            |           |                |               |           | % of room |           | 32%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 14.92             |
|            |           |                |               |           | % of room |           | 52%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 7.20              |
|            |           |                |               |           | % of room |           | 53%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.72      | 7.29              |
|            |           |                |               |           | % of room |           | 84%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.49     | 18.97             |
|            |           |                |               |           | % of room |           | 93%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 7.89<br>70%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 8.88<br>78%       |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 19.66<br>96%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 7.79<br>89%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 8.09<br>59%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 17.22<br>60%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 6.70<br>32%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 2.35<br>23%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 8.74<br>84%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.54<br>53%       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.09<br>100%     |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.04<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.70<br>55%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 8.82<br>85%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 2.99<br>29%       |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 8.05<br>38%       |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 28.56     | 19.80<br>69%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.61     | 9.35<br>69%       |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.72      | 7.45<br>85%       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 19.32<br>94%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 9.19<br>81%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.35     | 9.33<br>82%       |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.49     | 19.85<br>97%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 8.72      | 7.43              |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 85%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 9.88              |
|            |           |                |               |           | % of room |           | 73%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 22.28             |
|            |           |                |               |           | % of room |           | 78%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 8.15              |
|            |           |                |               |           | % of room |           | 39%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 2.95              |
|            |           |                |               |           | % of room |           | 29%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 8.83              |
|            |           |                |               |           | % of room |           | 85%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 5.69              |
|            |           |                |               |           | % of room |           | 55%               |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 27.09             |
|            |           |                |               |           | % of room |           | 100%              |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 27.09             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 5.85              |
|            |           |                |               |           | % of room |           | 56%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 9.14              |
|            |           |                |               |           | % of room |           | 88%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 4.35              |
|            |           |                |               |           | % of room |           | 43%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 9.61              |
|            |           |                |               |           | % of room |           | 46%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 23.44             |
|            |           |                |               |           | % of room |           | 82%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 9.30              |
|            |           |                |               |           | % of room |           | 68%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.72      | 8.18              |
|            |           |                |               |           | % of room |           | 94%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.49     | 19.70             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.35     | 9.26              |
|            |           |                |               |           | % of room |           | 82%               |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.35     | 9.27              |
|            |           |                |               |           | % of room |           | 82%               |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.49     | 19.89             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.72      | 8.29              |
|            |           |                |               |           | % of room |           | 95%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.61     | 9.73              |
|            |           |                |               |           | % of room |           | 71%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 28.56     | 25.62             |
|            |           |                |               |           | % of room |           | 90%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 9.75              |
|            |           |                |               |           | % of room |           | 46%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 4.31<br>42%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 9.17<br>88%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.83<br>56%       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.09<br>100%     |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.92<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 17.29<br>67%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 8.27<br>69%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 11.11<br>96%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.70<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.68<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.23<br>97%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 8.36<br>69%       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 17.33<br>67%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.92<br>99%       |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.92<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 20.30<br>78%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.19<br>93%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.53     | 11.42<br>99%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.82<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.80<br>99%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.51<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.40<br>95%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 20.69<br>80%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.05     | 9.92              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|-------------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|                   |           |                |               |           | % of room |           | 99%               |
| Seventh           | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.05     | 9.92              |
|                   |           |                |               |           | % of room |           | 99%               |
|                   | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.94     | 24.86             |
|                   |           |                |               |           | % of room |           | 96%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.03     | 11.37             |
|                   |           |                |               |           | % of room |           | 95%               |
|                   | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.53     | 11.43             |
|                   |           |                |               |           | % of room |           | 99%               |
|                   | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.05     | 26.00             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.05     | 25.94             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 11.52             |
|                   |           |                |               |           | % of room |           | 99%               |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.03     | 11.41             |
|                   |           |                |               |           | % of room |           | 95%               |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.94     | 25.67             |
|                   |           |                |               |           | % of room |           | 99%               |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.05     | 9.92              |
|                   |           |                |               |           | % of room |           | 99%               |
| <b>Building 8</b> |           |                |               |           |           |           |                   |
| Ground            | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 14.86     | 14.29             |
|                   |           |                |               |           | % of room |           | 96%               |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.25     | 13.02             |
|                   |           |                |               |           | % of room |           | 98%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.25     | 12.35             |
|                   |           |                |               |           | % of room |           | 93%               |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 33.98     | 22.46             |
|                   |           |                |               |           | % of room |           | 66%               |
|                   | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 35.19     | 29.32             |
|                   |           |                |               |           | % of room |           | 83%               |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.11     | 9.42              |
|                   |           |                |               |           | % of room |           | 85%               |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.05     | 8.80              |
|                   |           |                |               |           | % of room |           | 88%               |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.90     | 10.64             |
|                   |           |                |               |           | % of room |           | 89%               |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.76     | 23.76             |
|                   |           |                |               |           | % of room |           | 100%              |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.18     | 7.76              |
|                   |           |                |               |           | % of room |           | 76%               |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 2.31              |
|                   |           |                |               |           | % of room |           | 23%               |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 5.06              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 24%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.69     | 5.07              |
|            |           |                |               |           | % of room |           | 21%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 4.80              |
|            |           |                |               |           | % of room |           | 44%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.03     | 5.53              |
|            |           |                |               |           | % of room |           | 46%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 8.54              |
|            |           |                |               |           | % of room |           | 73%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.05     | 24.35             |
|            |           |                |               |           | % of room |           | 93%               |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.05     | 25.02             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.62     | 10.26             |
|            |           |                |               |           | % of room |           | 88%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.03     | 10.05             |
|            |           |                |               |           | % of room |           | 84%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 7.83              |
|            |           |                |               |           | % of room |           | 71%               |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.69     | 13.46             |
|            |           |                |               |           | % of room |           | 57%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 6.64              |
|            |           |                |               |           | % of room |           | 32%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 1.80              |
|            |           |                |               |           | % of room |           | 18%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 7.66              |
|            |           |                |               |           | % of room |           | 73%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 5.36              |
|            |           |                |               |           | % of room |           | 52%               |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 25.84             |
|            |           |                |               |           | % of room |           | 95%               |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 27.03             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 6.21              |
|            |           |                |               |           | % of room |           | 60%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 8.74              |
|            |           |                |               |           | % of room |           | 84%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 2.41              |
|            |           |                |               |           | % of room |           | 24%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 6.53              |
|            |           |                |               |           | % of room |           | 31%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.62     | 6.92              |
|            |           |                |               |           | % of room |           | 29%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 6.35              |
|            |           |                |               |           | % of room |           | 58%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.07     | 6.77              |
|            |           |                |               |           | % of room |           | 56%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.67     | 9.26<br>79%       |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.06     | 24.98<br>96%      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.06     | 25.55<br>98%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.67     | 10.68<br>91%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.07     | 10.47<br>87%      |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 8.16<br>74%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 13.50<br>57%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 7.04<br>34%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 2.55<br>25%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 7.84<br>75%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.55<br>54%       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 25.98<br>96%      |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.09<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 6.39<br>62%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 8.83<br>85%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 2.96<br>29%       |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 7.83<br>37%       |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.62     | 10.02<br>42%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 7.12<br>65%       |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.07     | 8.31<br>69%       |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.67     | 9.73<br>83%       |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.06     | 25.05<br>96%      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.06     | 25.87<br>99%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.67     | 10.74             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 92%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.07     | 11.53             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 9.24              |
|            |           |                |               |           | % of room |           | 84%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 15.22             |
|            |           |                |               |           | % of room |           | 64%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 8.65              |
|            |           |                |               |           | % of room |           | 41%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 4.77              |
|            |           |                |               |           | % of room |           | 47%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 8.69              |
|            |           |                |               |           | % of room |           | 83%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 5.74              |
|            |           |                |               |           | % of room |           | 55%               |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 27.01             |
|            |           |                |               |           | % of room |           | 100%              |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.09     | 27.09             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.35     | 6.65              |
|            |           |                |               |           | % of room |           | 64%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.44     | 9.15              |
|            |           |                |               |           | % of room |           | 88%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.19     | 4.31              |
|            |           |                |               |           | % of room |           | 42%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.98     | 9.61              |
|            |           |                |               |           | % of room |           | 46%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.62     | 13.05             |
|            |           |                |               |           | % of room |           | 55%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 7.86              |
|            |           |                |               |           | % of room |           | 71%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.07     | 8.16              |
|            |           |                |               |           | % of room |           | 68%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.67     | 10.15             |
|            |           |                |               |           | % of room |           | 87%               |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.06     | 25.15             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.06     | 25.89             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.67     | 10.76             |
|            |           |                |               |           | % of room |           | 92%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.07     | 11.55             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 10.30             |
|            |           |                |               |           | % of room |           | 93%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 23.04             |
|            |           |                |               |           | % of room |           | 97%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.98     | 19.79<br>94%      |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.19     | 6.66<br>65%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.44     | 9.52<br>91%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.35     | 5.86<br>57%       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.09     | 27.08<br>100%     |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.92<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 17.31<br>67%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 8.35<br>69%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.20<br>96%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.71<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.95<br>100%     |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.51<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.41<br>95%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 25.68<br>99%      |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.91<br>99%       |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.05     | 9.92<br>99%       |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.94     | 20.74<br>80%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.26<br>94%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.52<br>99%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.86<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.95<br>100%     |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.62     | 11.51<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.03     | 11.40<br>95%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 25.94     | 25.68             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. |                                   | Room Area | Lit Area Proposed  |
|-------------------|-----------|----------------|---------------|-----------|-----------------------------------|-----------|--------------------|
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2<br>% of room | 10.05     | 99%<br>9.91<br>99% |
| Seventh           | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 10.05     | 9.92<br>99%        |
|                   | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room              | 25.94     | 25.69<br>99%       |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 12.03     | 11.37<br>95%       |
|                   | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 11.62     | 11.52<br>99%       |
|                   | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room              | 26.05     | 26.04<br>100%      |
|                   | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room              | 26.05     | 25.95<br>100%      |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 11.62     | 11.52<br>99%       |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 12.03     | 11.40<br>95%       |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room              | 25.94     | 25.68<br>99%       |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 10.05     | 9.91<br>99%        |
| <b>Building 9</b> |           |                |               |           |                                   |           |                    |
| Ground            | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room              | 23.52     | 11.91<br>51%       |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 9.75      | 8.37<br>86%        |
|                   | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room              | 24.84     | 24.78<br>100%      |
|                   | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 7.13      | 6.70<br>94%        |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 10.38     | 9.70<br>93%        |
|                   | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room              | 25.81     | 25.80<br>100%      |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 7.56      | 7.05<br>93%        |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 10.63     | 10.04<br>94%       |
|                   | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 12.72     | 11.98<br>94%       |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room              | 7.64      | 4.82<br>63%        |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2                           | 23.53     | 14.75              |



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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 63%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.74      | 9.13              |
|            |           |                |               |           | % of room |           | 94%               |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.81             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.13      | 6.70              |
|            |           |                |               |           | % of room |           | 94%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.38     | 9.70              |
|            |           |                |               |           | % of room |           | 93%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.80     | 25.79             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.57      | 7.06              |
|            |           |                |               |           | % of room |           | 93%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.62     | 10.07             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.72     | 11.99             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.63      | 5.95              |
|            |           |                |               |           | % of room |           | 78%               |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.53     | 19.18             |
|            |           |                |               |           | % of room |           | 82%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.74      | 9.18              |
|            |           |                |               |           | % of room |           | 94%               |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.83             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.13      | 6.70              |
|            |           |                |               |           | % of room |           | 94%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.38     | 9.70              |
|            |           |                |               |           | % of room |           | 93%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 25.79     | 25.79             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.57      | 7.04              |
|            |           |                |               |           | % of room |           | 93%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.62     | 10.07             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.72     | 11.98             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.63      | 6.97              |
|            |           |                |               |           | % of room |           | 91%               |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.53     | 23.29             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.74      | 9.19              |
|            |           |                |               |           | % of room |           | 94%               |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.84     | 24.83             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 7.13      | 6.70              |
|            |           |                |               |           | % of room |           | 94%               |

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Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.         | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|--------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.38     | 9.70<br>93%       |
|                    | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.79     | 25.79<br>100%     |
|                    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.57      | 7.04<br>93%       |
|                    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.62     | 10.07<br>95%      |
|                    | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.72     | 11.98<br>94%      |
|                    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.63      | 7.12<br>93%       |
| Fourth             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.53     | 23.40<br>99%      |
|                    | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.74      | 9.19<br>94%       |
|                    | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 24.84     | 24.83<br>100%     |
|                    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.13      | 6.71<br>94%       |
|                    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.38     | 9.71<br>94%       |
|                    | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 25.79     | 25.79<br>100%     |
|                    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.57      | 7.04<br>93%       |
|                    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.62     | 10.07<br>95%      |
|                    | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.72     | 11.98<br>94%      |
|                    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.63      | 7.16<br>94%       |
| <b>Building 10</b> |           |                |               |           |                      |           |                   |
| Ground             | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 25.58<br>97%      |
|                    | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 26.04<br>99%      |
|                    | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 5.76<br>66%       |
|                    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 7.63<br>69%       |
|                    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 11.25<br>84%      |
|                    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 10.65<br>80%      |

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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 6.58<br>60%       |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.77      | 3.71<br>42%       |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 23.57<br>89%      |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 24.61<br>93%      |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 4.60<br>53%       |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 5.73<br>52%       |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 8.71<br>65%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.72     | 8.37<br>78%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 22.69     | 7.28<br>32%       |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 22.69     | 9.70<br>43%       |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.72     | 8.66<br>81%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 8.71<br>65%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 5.69<br>52%       |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 4.59<br>52%       |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 25.59<br>97%      |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 26.05<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 5.90<br>67%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 8.28<br>75%       |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 11.83<br>89%      |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.93     | 12.07<br>93%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.00      | 7.90<br>88%       |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.81     | 27.65<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.80     | 27.69<br>100%     |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 9.00      | 7.41              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 82%               |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 11.52             |
|            |           |                |               |           | % of room |           | 89%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 10.85             |
|            |           |                |               |           | % of room |           | 81%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 7.06              |
|            |           |                |               |           | % of room |           | 64%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 4.03              |
|            |           |                |               |           | % of room |           | 46%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 24.29             |
|            |           |                |               |           | % of room |           | 92%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 25.06             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 5.13              |
|            |           |                |               |           | % of room |           | 59%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 6.40              |
|            |           |                |               |           | % of room |           | 58%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 9.17              |
|            |           |                |               |           | % of room |           | 69%               |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 8.16              |
|            |           |                |               |           | % of room |           | 74%               |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 9.14              |
|            |           |                |               |           | % of room |           | 39%               |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 11.18             |
|            |           |                |               |           | % of room |           | 47%               |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 8.31              |
|            |           |                |               |           | % of room |           | 75%               |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 9.18              |
|            |           |                |               |           | % of room |           | 69%               |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 6.40              |
|            |           |                |               |           | % of room |           | 58%               |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 5.15              |
|            |           |                |               |           | % of room |           | 59%               |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 25.59             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 26.05             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 6.51              |
|            |           |                |               |           | % of room |           | 74%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 9.42              |
|            |           |                |               |           | % of room |           | 85%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 12.53             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 12.30             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.00      | 8.69              |
|            |           |                |               |           | % of room |           | 97%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.81     | 27.66<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 27.80     | 27.69<br>100%     |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 9.00      | 8.16<br>91%       |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.93     | 11.97<br>93%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 11.08<br>83%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 8.06<br>73%       |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 4.83<br>55%       |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 25.27<br>96%      |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 25.25<br>96%      |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 5.98<br>68%       |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 7.65<br>69%       |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 10.10<br>76%      |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 9.28<br>84%       |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 11.24<br>47%      |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 12.54<br>53%      |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 9.35<br>85%       |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 10.03<br>75%      |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 7.60<br>69%       |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 6.01<br>69%       |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 25.60<br>97%      |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.39     | 26.06<br>99%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 8.13<br>93%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 10.53<br>95%      |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 13.32     | 13.27             |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 100%              |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 12.61             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.00      | 8.74              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.81     | 27.65             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.80     | 27.70             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.00      | 8.74              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 12.60             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 12.80             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.25             |
|            |           |                |               |           | % of room |           | 93%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 7.60              |
|            |           |                |               |           | % of room |           | 87%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 25.58             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 25.59             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 7.16              |
|            |           |                |               |           | % of room |           | 82%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 8.95              |
|            |           |                |               |           | % of room |           | 81%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 11.63             |
|            |           |                |               |           | % of room |           | 87%               |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 10.44             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 14.11             |
|            |           |                |               |           | % of room |           | 60%               |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 14.54             |
|            |           |                |               |           | % of room |           | 61%               |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 10.44             |
|            |           |                |               |           | % of room |           | 95%               |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 11.60             |
|            |           |                |               |           | % of room |           | 87%               |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 8.95              |
|            |           |                |               |           | % of room |           | 81%               |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 7.19              |
|            |           |                |               |           | % of room |           | 82%               |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 25.71             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 26.31             |
|            |           |                |               |           | % of room |           | 100%              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 8.54              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.61             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 13.27             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 12.64             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.00      | 8.74              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.81     | 27.67             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.80     | 27.70             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.00      | 8.74              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 12.63             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 13.25             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.60             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 8.54              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 26.30             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 25.69             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 8.34              |
|            |           |                |               |           | % of room |           | 95%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.13             |
|            |           |                |               |           | % of room |           | 92%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 13.01             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 10.71             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 18.41             |
|            |           |                |               |           | % of room |           | 78%               |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 18.43             |
|            |           |                |               |           | % of room |           | 78%               |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 10.72             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 13.05             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.22             |
|            |           |                |               |           | % of room |           | 93%               |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 8.39              |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            |           |                |               |           | % of room |           | 96%               |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 26.07             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 26.32             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 8.54              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.62             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 13.28             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 12.63             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.00      | 8.74              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.81     | 27.70             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 27.80     | 27.71             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 9.00      | 8.74              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.93     | 12.64             |
|            |           |                |               |           | % of room |           | 98%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 13.26             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.61             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 8.54              |
|            |           |                |               |           | % of room |           | 97%               |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 26.32             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.39     | 26.07             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 8.76      | 8.56              |
|            |           |                |               |           | % of room |           | 98%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.04     | 10.62             |
|            |           |                |               |           | % of room |           | 96%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 13.32     | 13.25             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 10.72             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 22.20             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 23.68     | 22.34             |
|            |           |                |               |           | % of room |           | 94%               |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.02     | 10.73             |
|            |           |                |               |           | % of room |           | 97%               |



Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.         | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|--------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                    | R24       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.32     | 13.26<br>100%     |
|                    | R25       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.04     | 10.61<br>96%      |
|                    | R26       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 8.76      | 8.56<br>98%       |
| Sixth              | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 32.95     | 32.70<br>99%      |
|                    | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 39.31     | 39.02<br>99%      |
|                    | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.57      | 7.23<br>96%       |
|                    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.62     | 10.59<br>100%     |
|                    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.72     | 12.66<br>100%     |
|                    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.72     | 12.66<br>100%     |
|                    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.62     | 10.59<br>100%     |
|                    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 7.57      | 7.22<br>95%       |
|                    | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 39.31     | 39.01<br>99%      |
|                    | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 32.95     | 32.71<br>99%      |
|                    | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.73<br>99%      |
|                    | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 13.26<br>98%      |
|                    | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 13.59     | 13.23<br>97%      |
|                    | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.87     | 10.72<br>99%      |
| <b>Building 11</b> |           |                |               |           |                      |           |                   |
| Ground             | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 7.10<br>64%       |
|                    | R2        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 10.74<br>45%      |
|                    | R3        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 10.63<br>45%      |
|                    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 6.85<br>62%       |
|                    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 5.90<br>48%       |

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Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 9.26<br>81%       |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.68<br>99%      |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.78<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 9.81<br>86%       |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 9.67<br>79%       |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.13     | 13.03<br>65%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.70     | 10.59<br>99%      |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.12<br>96%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 9.70<br>85%       |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 7.86<br>64%       |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 7.77<br>71%       |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 11.54<br>49%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 10.38<br>44%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 9.08<br>82%       |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 9.78<br>80%       |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 10.17<br>89%      |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.80<br>99%      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.81<br>99%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 10.47<br>92%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 10.75<br>88%      |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.13     | 13.82<br>69%      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.70     | 10.69<br>100%     |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.70     | 10.19<br>95%      |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.13     | 13.78             |

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Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.26     | 68%<br>10.55      |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.39     | 86%<br>7.03       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.05     | 62%<br>22.12      |
|            |           |                |               |           | % of room            |           | 85%               |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 25.41             |
|            |           |                |               |           | % of room            |           | 98%               |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 10.72             |
|            |           |                |               |           | % of room            |           | 94%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 10.84             |
|            |           |                |               |           | % of room            |           | 88%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.02     | 10.72             |
|            |           |                |               |           | % of room            |           | 97%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.68     | 13.11             |
|            |           |                |               |           | % of room            |           | 55%               |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.68     | 15.37             |
|            |           |                |               |           | % of room            |           | 65%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.02     | 9.46              |
|            |           |                |               |           | % of room            |           | 86%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 11.23             |
|            |           |                |               |           | % of room            |           | 92%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 10.98             |
|            |           |                |               |           | % of room            |           | 96%               |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 25.93             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 25.90             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 10.98             |
|            |           |                |               |           | % of room            |           | 96%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 12.09             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.13     | 17.43             |
|            |           |                |               |           | % of room            |           | 87%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.70     | 10.70             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.70     | 10.33             |
|            |           |                |               |           | % of room            |           | 97%               |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.13     | 18.10             |
|            |           |                |               |           | % of room            |           | 90%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 11.22             |
|            |           |                |               |           | % of room            |           | 92%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 7.42              |
|            |           |                |               |           | % of room            |           | 65%               |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 24.62             |
|            |           |                |               |           | % of room            |           | 95%               |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.48<br>98%      |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 10.99<br>96%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 12.07<br>98%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 10.74<br>97%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 20.13<br>85%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.68     | 20.87<br>88%      |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.02     | 10.74<br>97%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 12.17<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 11.00<br>97%      |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 26.05<br>100%     |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.95<br>100%     |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 11.03<br>97%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 12.09<br>99%      |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.13     | 20.12<br>100%     |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.70     | 10.70<br>100%     |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.70     | 10.44<br>98%      |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.13     | 20.08<br>100%     |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 11.72<br>96%      |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 8.52<br>75%       |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.66<br>99%      |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 26.05<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 11.04<br>97%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 12.12<br>99%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.03     | 10.83             |

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Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref.         | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|--------------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|                    | R5        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 23.69     | 98%<br>23.54      |
|                    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 14.18     | 99%<br>14.18      |
|                    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.32     | 100%<br>11.24     |
|                    | R8        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 24.84     | 99%<br>24.83      |
|                    | R9        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 24.49     | 100%<br>24.46     |
|                    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.43     | 100%<br>11.42     |
|                    | R11       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.92     | 100%<br>10.92     |
|                    | R12       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.70     | 100%<br>10.62     |
|                    | R13       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.13     | 99%<br>20.11      |
|                    | R14       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.26     | 100%<br>11.88     |
|                    | R15       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.39     | 97%<br>9.18       |
|                    | R16       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.05     | 81%<br>25.90      |
|                    |           |                |               |           | % of room            |           | 99%               |
| <b>Building 12</b> |           |                |               |           |                      |           |                   |
| Ground             | R1        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.03     | 10.71             |
|                    | R2        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 23.69     | 97%<br>23.69      |
|                    | R3        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 23.69     | 100%<br>23.69     |
|                    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.03     | 100%<br>10.76     |
|                    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.26     | 98%<br>11.92      |
|                    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.39     | 97%<br>11.00      |
|                    | R7        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.05     | 97%<br>25.67      |
|                    | R8        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.05     | 99%<br>25.78      |
|                    | R9        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.40     | 99%<br>9.34       |
|                    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.26     | 82%<br>7.93       |

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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.13     | 65%<br>12.66      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.70     | 63%<br>9.32       |
|            |           |                |               |           | % of room            |           | 87%               |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 26.05             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 10.98             |
|            |           |                |               |           | % of room            |           | 96%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 12.13             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.03     | 10.73             |
|            |           |                |               |           | % of room            |           | 97%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.69     | 23.66             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.69     | 23.50             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.03     | 10.82             |
|            |           |                |               |           | % of room            |           | 98%               |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 12.18             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 11.01             |
|            |           |                |               |           | % of room            |           | 97%               |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 26.05             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 25.78             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 10.27             |
|            |           |                |               |           | % of room            |           | 90%               |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 9.69              |
|            |           |                |               |           | % of room            |           | 79%               |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.13     | 12.72             |
|            |           |                |               |           | % of room            |           | 63%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.70     | 9.78              |
|            |           |                |               |           | % of room            |           | 91%               |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 10.70     | 8.78              |
|            |           |                |               |           | % of room            |           | 82%               |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 20.13     | 9.13              |
|            |           |                |               |           | % of room            |           | 45%               |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 7.76              |
|            |           |                |               |           | % of room            |           | 63%               |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 8.55              |
|            |           |                |               |           | % of room            |           | 75%               |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 23.60             |
|            |           |                |               |           | % of room            |           | 91%               |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 26.05             |
|            |           |                |               |           | % of room            |           | 100%              |

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Project No.: Release 06

Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 10.99<br>96%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 12.12<br>99%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.03     | 10.82<br>98%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.69     | 23.52<br>99%      |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 23.69     | 23.65<br>100%     |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.03     | 10.76<br>98%      |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 12.18<br>99%      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 11.01<br>97%      |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 26.05<br>100%     |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.80<br>99%      |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 11.00<br>97%      |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 11.16<br>91%      |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.13     | 14.05<br>70%      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.70     | 10.32<br>96%      |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 10.70     | 9.66<br>90%       |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 20.13     | 11.74<br>58%      |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 10.43<br>85%      |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 10.63<br>93%      |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 25.02<br>96%      |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2<br>% of room | 26.05     | 26.05<br>100%     |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.39     | 11.01<br>97%      |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 12.26     | 12.12<br>99%      |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2<br>% of room | 11.03     | 10.58<br>96%      |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.69     | 23.67             |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |                      | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|----------------------|-----------|-------------------|
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 23.69     | 100%<br>23.67     |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.03     | 100%<br>10.75     |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.26     | 97%<br>12.18      |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.39     | 99%<br>11.02      |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.05     | 97%<br>26.05      |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.05     | 100%<br>26.01     |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.39     | 100%<br>11.00     |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.26     | 97%<br>12.10      |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.13     | 99%<br>18.01      |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.70     | 89%<br>10.70      |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 10.70     | 100%<br>10.50     |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 20.13     | 98%<br>15.92      |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 12.26     | 79%<br>12.08      |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | % of room<br>Area m2 | 11.39     | 99%<br>10.97      |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | % of room<br>Area m2 | 26.05     | 96%<br>25.35      |
|            |           |                |               |           | % of room            |           | 97%               |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 26.05     | 26.05             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.39     | 11.05             |
|            |           |                |               |           | % of room            |           | 97%               |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 12.26     | 12.13             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.02     | 10.75             |
|            |           |                |               |           | % of room            |           | 98%               |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 23.68     | 23.54             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 14.18     | 14.18             |
|            |           |                |               |           | % of room            |           | 100%              |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | Area m2              | 11.32     | 11.23             |
|            |           |                |               |           | % of room            |           | 99%               |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | Area m2              | 24.84     | 24.82             |
|            |           |                |               |           | % of room            |           | 100%              |



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Report Title: Daylight Distribution Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. |           | Room Area | Lit Area Proposed |
|------------|-----------|----------------|---------------|-----------|-----------|-----------|-------------------|
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 24.49     | 24.47             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.43     | 11.42             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.92     | 10.92             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 10.70     | 10.68             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 20.13     | 20.10             |
|            |           |                |               |           | % of room |           | 100%              |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 12.26     | 12.14             |
|            |           |                |               |           | % of room |           | 99%               |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | Area m2   | 11.39     | 11.03             |
|            |           |                |               |           | % of room |           | 97%               |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | Area m2   | 26.05     | 26.04             |
|            |           |                |               |           | % of room |           | 100%              |

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| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|-------------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
| <b>Building 1</b> |           |                |               |           |             |                    |        |        |                            |                            |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 236°               | 47     | 15     | 55                         | 19                         |
|                   |           |                |               |           | W2          | 236°               | 55     | 19     |                            |                            |
|                   |           |                |               |           | W37         | 292°N              | 29     | 6      |                            |                            |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 236°               | 55     | 19     | 55                         | 19                         |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 236°               | 46     | 15     | 71                         | 26                         |
|                   |           |                |               |           | W5          | 202°               | 69     | 26     |                            |                            |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 70     | 26     | 70                         | 26                         |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 48     | 20     | 48                         | 20                         |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 202°               | 48     | 20     | 62                         | 28                         |
|                   |           |                |               |           | W9          | 112°               | 14     | 8      |                            |                            |
|                   | R7        | Floorplan-Dwg  | Residential   | LKD       | W10         | 202°               | 28     | 18     | 63                         | 25                         |
|                   |           |                |               |           | W11         | 112°               | 41     | 10     |                            |                            |
|                   |           |                |               |           | W12         | 112°               | 33     | 6      |                            |                            |
|                   | R8        | Floorplan-Dwg  | Residential   | LKD       | W13         | 112°               | 41     | 10     | 41                         | 10                         |
|                   |           |                |               |           | W14         | 112°               | 33     | 6      |                            |                            |
|                   |           |                |               |           | W15         | 22°N               | 3      | 0      |                            |                            |
|                   | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 112°               | 7      | 2      | 7                          | 2                          |
|                   |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 0      | 0      | 0                          | 0                          |
|                   | R11       | Floorplan-Dwg  | Residential   | LKD       | W19         | 112°               | 19     | 2      | 19                         | 2                          |
|                   | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 31     | 5      | 31                         | 5                          |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 37     | 7      | 37                         | 7                          |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 38     | 9      | 38                         | 9                          |
|                   |           |                |               |           | W23         | 22°N               | 0      | 0      |                            |                            |
|                   | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 23     | 5      | 23                         | 5                          |
|                   |           |                |               |           | W25         | 22°N               | 0      | 0      |                            |                            |
|                   |           |                |               |           | W26         | 22°N               | 0      | 0      |                            |                            |
|                   | R16       | Floorplan-Dwg  | Residential   | LKD       | W27         | 22°N               | 0      | 0      | 29                         | 6                          |
|                   |           |                |               |           | W28         | 22°N               | 0      | 0      |                            |                            |
|                   |           |                |               |           | W29         | 22°N               | 0      | 0      |                            |                            |
|                   |           |                |               |           | W30         | 292°N              | 29     | 6      |                            |                            |
|                   | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 17     | 2      | 17                         | 2                          |
|                   | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 292°N              | 17     | 2      | 17                         | 2                          |
|                   | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 29     | 6      | 29                         | 6                          |
|                   | R20       | Floorplan-Dwg  | Residential   | LKD       | W34         | 292°N              | 29     | 6      | 29                         | 6                          |
|                   | R21       | Floorplan-Dwg  | Residential   | LKD       | W35         | 292°N              | 29     | 6      | 29                         | 6                          |
|                   | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36         | 292°N              | 27     | 5      | 27                         | 5                          |
| Second            | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 236°               | 47     | 15     | 55                         | 19                         |
|                   |           |                |               |           | W2          | 236°               | 55     | 19     |                            |                            |

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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W37         | 292°N              | 29     | 6      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 236°               | 55     | 19     | 55                         | 19                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 236°               | 47     | 15     | 55                         | 19                         |
|            |           |                |               |           | W5          | 202°               | 70     | 26     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 70     | 26     | 72                         | 26                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 48     | 20     | 70                         | 26                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 202°               | 48     | 20     | 48                         | 20                         |
|            |           |                |               |           | W9          | 112°               | 14     | 8      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W10         | 202°               | 28     | 18     | 62                         | 28                         |
|            |           |                |               |           | W11         | 112°               | 41     | 10     |                            |                            |
|            |           |                |               |           | W12         | 112°               | 33     | 6      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W13         | 112°               | 41     | 10     | 63                         | 25                         |
|            |           |                |               |           | W14         | 112°               | 33     | 6      |                            |                            |
|            |           |                |               |           | W15         | 22°N               | 3      | 0      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 112°               | 7      | 2      | 41                         | 10                         |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 0      | 0      | 7                          | 2                          |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W19         | 112°               | 19     | 2      | 0                          | 0                          |
|            |           |                |               |           |             |                    |        |        | 19                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 31     | 5      | 31                         | 5                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 37     | 7      | 37                         | 7                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 40     | 9      |                            |                            |
|            |           |                |               |           | W23         | 22°N               | 0      | 0      | 40                         | 9                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 23     | 5      |                            |                            |
|            |           |                |               |           | W25         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W26         | 22°N               | 0      | 0      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W27         | 22°N               | 0      | 0      | 23                         | 5                          |
|            |           |                |               |           | W28         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W29         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W30         | 292°N              | 29     | 6      |                            |                            |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 17     | 2      | 29                         | 6                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 292°N              | 17     | 2      | 17                         | 2                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 29     | 6      | 17                         | 2                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W34         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W35         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36         | 292°N              | 27     | 5      | 29                         | 6                          |
|            |           |                |               |           |             |                    |        |        | 27                         | 5                          |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 236°               | 47     | 15     |                            |                            |
|            |           |                |               |           | W2          | 236°               | 55     | 19     |                            |                            |
|            |           |                |               |           | W37         | 292°N              | 29     | 6      | 55                         | 19                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 236°               | 55     | 19     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 55                         | 19                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 236°               | 47     | 15     |                            |                            |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W5          | 202°               | 70     | 26     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 70     | 26     | 72                         | 26                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 48     | 20     | 70                         | 26                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 202°               | 48     | 20     | 48                         | 20                         |
|            |           |                |               |           | W9          | 112°               | 14     | 8      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W10         | 202°               | 28     | 18     | 62                         | 28                         |
|            |           |                |               |           | W11         | 112°               | 41     | 10     |                            |                            |
|            |           |                |               |           | W12         | 112°               | 33     | 6      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W13         | 112°               | 41     | 10     | 63                         | 25                         |
|            |           |                |               |           | W14         | 112°               | 33     | 6      |                            |                            |
|            |           |                |               |           | W15         | 22°N               | 3      | 0      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 112°               | 7      | 2      | 41                         | 10                         |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 0      | 0      | 7                          | 2                          |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W19         | 112°               | 19     | 2      | 0                          | 0                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 34     | 5      | 19                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 37     | 7      | 34                         | 5                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 40     | 9      | 37                         | 7                          |
|            |           |                |               |           | W23         | 22°N               | 0      | 0      |                            |                            |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 24     | 5      | 40                         | 9                          |
|            |           |                |               |           | W25         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W26         | 22°N               | 0      | 0      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W27         | 22°N               | 0      | 0      | 24                         | 5                          |
|            |           |                |               |           | W28         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W29         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W30         | 292°N              | 29     | 6      |                            |                            |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 17     | 2      | 29                         | 6                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 292°N              | 17     | 2      | 17                         | 2                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 29     | 6      | 17                         | 2                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W34         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W35         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36         | 292°N              | 27     | 5      | 29                         | 6                          |
|            |           |                |               |           |             |                    |        |        | 27                         | 5                          |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 236°               | 47     | 15     |                            |                            |
|            |           |                |               |           | W2          | 236°               | 55     | 19     |                            |                            |
|            |           |                |               |           | W37         | 292°N              | 29     | 6      | 55                         | 19                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 236°               | 55     | 19     | 55                         | 19                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 236°               | 47     | 15     |                            |                            |
|            |           |                |               |           | W5          | 202°               | 70     | 26     | 72                         | 26                         |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 70     | 26     | 70                         | 26                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 48     | 20     |                            |                            |

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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.              | Window Orientation            | Annual            | Winter           | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|--------------------------|-------------------------------|-------------------|------------------|----------------------------|----------------------------|
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8<br>W9                 | 202°<br>112°                  | 48<br>14          | 20<br>8          | 48                         | 20                         |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W10<br>W11<br>W12        | 202°<br>112°<br>112°          | 28<br>41<br>33    | 18<br>10<br>6    | 62                         | 28                         |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W13<br>W14<br>W15        | 112°<br>112°<br>22°N          | 41<br>33<br>3     | 10<br>6<br>0     | 63                         | 25                         |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16<br>W17               | 112°<br>22°N                  | 7<br>0            | 2<br>0           | 41                         | 10                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18                      | 22°N                          | 0                 | 0                | 7                          | 2                          |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W19                      | 112°                          | 20                | 2                | 0                          | 0                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20                      | 112°                          | 35                | 5                | 20                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21                      | 112°                          | 38                | 7                | 35                         | 5                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22<br>W23               | 112°<br>22°N                  | 40<br>0           | 9<br>0           | 38                         | 7                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25<br>W26        | 112°<br>22°N<br>22°N          | 24<br>0<br>0      | 5<br>0<br>0      | 40                         | 9                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W27<br>W28<br>W29<br>W30 | 22°N<br>22°N<br>22°N<br>292°N | 0<br>0<br>0<br>29 | 0<br>0<br>0<br>6 | 24                         | 5                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31                      | 292°N                         | 17                | 2                | 29                         | 6                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32                      | 292°N                         | 17                | 2                | 17                         | 2                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33                      | 292°N                         | 29                | 6                | 17                         | 2                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W34                      | 292°N                         | 29                | 6                | 29                         | 6                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W35                      | 292°N                         | 29                | 6                | 29                         | 6                          |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36                      | 292°N                         | 27                | 5                | 29                         | 6                          |
|            |           |                |               |           |                          |                               |                   |                  | 27                         | 5                          |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W2<br>W37          | 236°<br>236°<br>292°N         | 47<br>55<br>29    | 15<br>19<br>6    |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3                       | 236°                          | 55                | 19               | 55                         | 19                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4<br>W5                 | 236°<br>202°                  | 47<br>70          | 15<br>26         |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6                       | 202°                          | 70                | 26               | 72                         | 26                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7                       | 202°                          | 48                | 20               | 70                         | 26                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8<br>W9                 | 202°<br>112°                  | 48<br>14          | 20<br>8          | 48                         | 20                         |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W10                      | 202°                          | 28                | 18               | 62                         | 28                         |

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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W11         | 112°               | 41     | 10     |                            |                            |
|            |           |                |               |           | W12         | 112°               | 33     | 6      | 63                         | 25                         |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W13         | 112°               | 41     | 10     |                            |                            |
|            |           |                |               |           | W14         | 112°               | 33     | 6      |                            |                            |
|            |           |                |               |           | W15         | 22°N               | 3      | 0      | 41                         | 10                         |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 112°               | 7      | 2      |                            |                            |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      | 7                          | 2                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 1      | 0      | 1                          | 0                          |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W19         | 112°               | 24     | 2      | 24                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 37     | 6      | 37                         | 6                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 39     | 8      | 39                         | 8                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 40     | 9      |                            |                            |
|            |           |                |               |           | W23         | 22°N               | 0      | 0      | 40                         | 9                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 24     | 5      |                            |                            |
|            |           |                |               |           | W25         | 22°N               | 0      | 0      | 24                         | 5                          |
|            |           |                |               |           | W26         | 22°N               | 0      | 0      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W27         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W28         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W29         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W30         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 17     | 2      | 17                         | 2                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 292°N              | 17     | 2      | 17                         | 2                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W34         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W35         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36         | 292°N              | 27     | 5      | 27                         | 5                          |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 236°               | 47     | 15     |                            |                            |
|            |           |                |               |           | W2          | 236°               | 55     | 19     |                            |                            |
|            |           |                |               |           | W37         | 292°N              | 29     | 6      | 55                         | 19                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 236°               | 55     | 19     | 55                         | 19                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 236°               | 47     | 15     |                            |                            |
|            |           |                |               |           | W5          | 202°               | 70     | 26     | 72                         | 26                         |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 70     | 26     | 70                         | 26                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 48     | 20     | 48                         | 20                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 202°               | 48     | 20     |                            |                            |
|            |           |                |               |           | W9          | 112°               | 11     | 8      | 59                         | 28                         |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W10         | 202°               | 25     | 18     |                            |                            |
|            |           |                |               |           | W11         | 112°               | 41     | 10     |                            |                            |
|            |           |                |               |           | W12         | 112°               | 33     | 6      | 61                         | 25                         |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W13         | 112°               | 41     | 10     |                            |                            |
|            |           |                |               |           | W14         | 112°               | 33     | 6      |                            |                            |

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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W15         | 22°N               | 3      | 0      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 112°               | 6      | 2      | 41                         | 10                         |
|            |           |                |               |           | W17         | 22°N               | 1      | 0      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 1      | 0      | 7                          | 2                          |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W19         | 112°               | 34     | 3      | 1                          | 0                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 40     | 9      | 34                         | 3                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 41     | 10     | 40                         | 9                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 41     | 10     | 41                         | 10                         |
|            |           |                |               |           | W23         | 22°N               | 1      | 0      |                            |                            |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 21     | 5      | 42                         | 10                         |
|            |           |                |               |           | W25         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W26         | 22°N               | 0      | 0      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W27         | 22°N               | 0      | 0      | 21                         | 5                          |
|            |           |                |               |           | W28         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W29         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W30         | 292°N              | 29     | 6      |                            |                            |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 17     | 2      | 29                         | 6                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 292°N              | 17     | 2      | 17                         | 2                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 29     | 6      | 17                         | 2                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W34         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W35         | 292°N              | 29     | 6      | 29                         | 6                          |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W36         | 292°N              | 27     | 5      | 29                         | 6                          |
|            |           |                |               |           |             |                    |        |        | 27                         | 5                          |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 236°               | 47     | 15     |                            |                            |
|            |           |                |               |           | W30         | 326°N              | 5      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 236°               | 55     | 19     | 48                         | 15                         |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W3          | 236°               | 55     | 19     | 55                         | 19                         |
|            |           |                |               |           | W4          | 236°               | 47     | 15     |                            |                            |
|            |           |                |               |           | W5          | 146°               | 46     | 20     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 202°               | 47     | 20     | 86                         | 30                         |
|            |           |                |               |           | W7          | 202°               | 48     | 20     |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 202°               | 48     | 20     | 48                         | 20                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 202°               | 48     | 20     | 48                         | 20                         |
|            |           |                |               |           | W10         | 112°               | 41     | 10     |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W11         | 112°               | 51     | 16     | 89                         | 30                         |
|            |           |                |               |           | W12         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           | W13         | 22°N               | 1      | 0      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 40     | 7      | 51                         | 16                         |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 112°               | 33     | 6      | 40                         | 7                          |
|            |           |                |               |           | W16         | 112°               | 33     | 6      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 112°               | 33     | 6      | 33                         | 6                          |

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|-------------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|                   | R11       | Floorplan-Dwg  | Residential   | LKD       | W18         | 112°               | 46     | 12     | 33                         | 6                          |
|                   |           |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|                   |           |                |               |           | W20         | 22°N               | 0      | 0      |                            |                            |
|                   | R12       | Floorplan-Dwg  | Residential   | LKD       | W21         | 22°N               | 0      | 0      | 46                         | 12                         |
|                   |           |                |               |           | W22         | 22°N               | 0      | 0      |                            |                            |
|                   |           |                |               |           | W23         | 292°N              | 18     | 2      |                            |                            |
|                   | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 10     | 0      | 18                         | 2                          |
|                   | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 10     | 0      | 10                         | 0                          |
|                   |           |                |               |           | W26         | 292°N              | 10     | 0      |                            |                            |
|                   | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 292°N              | 10     | 0      | 10                         | 0                          |
|                   | R16       | Floorplan-Dwg  | Residential   | LKD       | W28         | 292°N              | 26     | 5      | 10                         | 0                          |
|                   | R17       | Floorplan-Dwg  | Residential   | LKD       | W29         | 292°N              | 25     | 4      | 26                         | 5                          |
|                   |           |                |               |           |             |                    |        |        | 25                         | 4                          |
| <b>Building 2</b> |           |                |               |           |             |                    |        |        |                            |                            |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 33     | 14     |                            |                            |
|                   |           |                |               |           | W2          | 202°               | 28     | 11     |                            |                            |
|                   |           |                |               |           | W3          | 202°               | 20     | 10     |                            |                            |
|                   |           |                |               |           | W4          | 202°               | 24     | 11     |                            |                            |
|                   |           |                |               |           | W20         | 292°N              | 19     | 2      |                            |                            |
|                   |           |                |               |           | W21         | 292°N              | 16     | 2      |                            |                            |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 112°               | 17     | 2      | 57                         | 17                         |
|                   |           |                |               |           | W6          | 112°               | 16     | 5      |                            |                            |
|                   | R3        | Floorplan-Dwg  | Residential   | LKD       | W7          | 112°               | 16     | 3      | 21                         | 5                          |
|                   |           |                |               |           | W8          | 112°               | 16     | 8      |                            |                            |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | W9          | 22°N               | 0      | 0      | 21                         | 8                          |
|                   |           |                |               |           | W10         | 292°N              | 25     | 6      |                            |                            |
|                   |           |                |               |           | W11         | 292°N              | 24     | 4      |                            |                            |
|                   | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 292°N              | 16     | 2      | 26                         | 6                          |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 292°N              | 16     | 2      | 16                         | 2                          |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 292°N              | 29     | 6      | 16                         | 2                          |
|                   |           |                |               |           | W15         | 292°N              | 16     | 2      |                            |                            |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 292°N              | 26     | 4      | 29                         | 6                          |
|                   |           |                |               |           | W17         | 292°N              | 16     | 2      |                            |                            |
|                   | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 292°N              | 16     | 2      | 26                         | 4                          |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 292°N              | 16     | 2      | 16                         | 2                          |
|                   |           |                |               |           |             |                    |        |        | 16                         | 2                          |
| Second            | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 38     | 14     |                            |                            |
|                   |           |                |               |           | W2          | 202°               | 33     | 12     |                            |                            |
|                   |           |                |               |           | W3          | 202°               | 23     | 10     |                            |                            |
|                   |           |                |               |           | W4          | 202°               | 29     | 13     |                            |                            |
|                   |           |                |               |           | W35         | 292°N              | 21     | 2      |                            |                            |
|                   |           |                |               |           | W36         | 292°N              | 16     | 2      |                            |                            |
|                   | R2        | Floorplan-Dwg  | Residential   | LKD       | W5          | 202°               | 31     | 14     | 63                         | 19                         |
|                   |           |                |               |           | W6          | 202°               | 48     | 19     |                            |                            |
|                   |           |                |               |           | W7          | 202°               | 40     | 15     |                            |                            |



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|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|--|
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 31     | 9      | 71                         | 22                         |  |
|            |               |                |               |           | W9          | 112°               | 22     | 14     |                            |                            |  |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 22     | 9      | 24                         | 11                         |  |
|            |               |                |               |           | W11         | 112°               | 15     | 9      |                            |                            |  |
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W12         | 112°               | 27     | 7      | 32                         | 12                         |  |
|            |               |                |               |           | W13         | 112°               | 15     | 10     |                            |                            |  |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 18     | 6      | 20                         | 8                          |  |
|            |               |                |               |           | W15         | 112°               | 11     | 6      |                            |                            |  |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 112°               | 26     | 6      | 31                         | 11                         |  |
|            |               |                |               |           | W17         | 112°               | 15     | 10     |                            |                            |  |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 112°               | 17     | 5      | 19                         | 7                          |  |
|            |               |                |               |           | W19         | 112°               | 8      | 5      |                            |                            |  |
|            | R9            | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 22     | 4      | 27                         | 9                          |  |
|            |               |                |               |           | W21         | 112°               | 10     | 7      |                            |                            |  |
|            | R10           | Floorplan-Dwg  | Residential   | LKD       | W22         | 112°               | 13     | 3      | 15                         | 5                          |  |
|            |               |                |               |           | W23         | 112°               | 5      | 3      |                            |                            |  |
|            | R11           | Floorplan-Dwg  | Residential   | LKD       | W24         | 22°N               | 0      | 0      | 26                         | 6                          |  |
|            |               |                |               |           | W25         | 292°N              | 24     | 4      |                            |                            |  |
|            | R12           | Floorplan-Dwg  | Residential   | LKD       | W26         | 292°N              | 25     | 6      | 16                         | 2                          |  |
|            |               |                |               |           | W27         | 292°N              | 16     | 2      |                            |                            |  |
| R13        | Floorplan-Dwg | Residential    | Bedroom       | W28       | 292°N       | 16                 | 2      | 16     | 2                          |                            |  |
|            |               |                |               | W29       | 292°N       | 29                 | 6      |        |                            |                            |  |
| R14        | Floorplan-Dwg | Residential    | Bedroom       | W30       | 292°N       | 16                 | 2      | 29     | 6                          |                            |  |
|            |               |                |               | W31       | 292°N       | 26                 | 4      |        |                            |                            |  |
| R15        | Floorplan-Dwg | Residential    | Bedroom       | W32       | 292°N       | 16                 | 2      | 26     | 4                          |                            |  |
|            |               |                |               | W33       | 292°N       | 16                 | 2      |        |                            |                            |  |
| R16        | Floorplan-Dwg | Residential    | Bedroom       | W34       | 292°N       | 16                 | 2      | 16     | 2                          |                            |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |
| Third      | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 43     | 14     | 65                         | 20                         |  |
|            |               |                |               |           | W2          | 202°               | 37     | 12     |                            |                            |  |
|            |               |                |               |           | W3          | 202°               | 29     | 11     |                            |                            |  |
|            |               |                |               |           | W4          | 202°               | 33     | 14     |                            |                            |  |
|            |               |                |               |           | W35         | 292°N              | 22     | 2      |                            |                            |  |
|            | R2            | Floorplan-Dwg  | Residential   | LKD       | W36         | 292°N              | 16     | 2      | 75                         | 22                         |  |
|            |               |                |               |           | W5          | 202°               | 34     | 14     |                            |                            |  |
|            |               |                |               |           | W6          | 202°               | 51     | 19     |                            |                            |  |
|            |               |                |               |           | W7          | 202°               | 43     | 15     |                            |                            |  |
|            |               |                |               |           | W8          | 112°               | 33     | 9      |                            |                            |  |
|            | R3            | Floorplan-Dwg  | Residential   | LKD       | W9          | 112°               | 23     | 14     | 26                         | 11                         |  |
|            |               |                |               |           | W10         | 112°               | 23     | 9      |                            |                            |  |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 17     | 9      | 34                         | 12                         |  |
|            |               |                |               |           | W12         | 112°               | 29     | 7      |                            |                            |  |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 18     | 11     | 23                         | 9                          |  |
|            |               |                |               |           | W14         | 112°               | 20     | 7      |                            |                            |  |
|            |               |                |               |           |             | W15                | 112°   | 14     | 7                          |                            |  |

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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                        | Window Orientation                             | Annual                           | Winter                         | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|------------------------------------|------------------------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W16<br>W17                         | 112°<br>112°                                   | 27<br>16                         | 6<br>10                        | 32                         | 11                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18<br>W19                         | 112°<br>112°                                   | 20<br>12                         | 6<br>6                         | 22                         | 8                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20<br>W21                         | 112°<br>112°                                   | 27<br>16                         | 6<br>10                        | 32                         | 11                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W22<br>W23                         | 112°<br>112°                                   | 18<br>10                         | 5<br>5                         | 20                         | 7                          |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25<br>W26                  | 22°N<br>292°N<br>292°N                         | 0<br>24<br>25                    | 0<br>4<br>6                    | 26                         | 6                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29<br>W30                         | 292°N<br>292°N                                 | 29<br>16                         | 6<br>2                         | 29                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31<br>W32                         | 292°N<br>292°N                                 | 27<br>16                         | 4<br>2                         | 27                         | 4                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W2<br>W3<br>W4<br>W35<br>W36 | 202°<br>202°<br>202°<br>202°<br>292°N<br>292°N | 48<br>42<br>34<br>36<br>25<br>16 | 16<br>13<br>13<br>15<br>2<br>2 | 69                         | 21                         |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W5<br>W6<br>W7<br>W8<br>W9         | 202°<br>202°<br>202°<br>112°<br>112°           | 37<br>53<br>46<br>35<br>26       | 15<br>20<br>16<br>9<br>14      | 81                         | 23                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W10<br>W11                         | 112°<br>112°                                   | 26<br>21                         | 9<br>9                         | 30                         | 11                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W12<br>W13                         | 112°<br>112°                                   | 33<br>23                         | 8<br>12                        | 39                         | 13                         |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15                         | 112°<br>112°                                   | 23<br>18                         | 8<br>8                         | 27                         | 10                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W16<br>W17                         | 112°<br>112°                                   | 29<br>19                         | 6<br>10                        | 35                         | 11                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18<br>W19                         | 112°<br>112°                                   | 23<br>15                         | 6<br>6                         | 25                         | 8                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20<br>W21                         | 112°<br>112°                                   | 30<br>20                         | 6<br>10                        | 36                         | 11                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W22<br>W23                         | 112°<br>112°                                   | 20<br>12                         | 6<br>6                         | 22                         | 8                          |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                        | Window Orientation                             | Annual                           | Winter                         | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|------------------------------------|------------------------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25<br>W26                  | 22°N<br>292°N<br>292°N                         | 0<br>24<br>25                    | 0<br>4<br>6                    |                            |                            |
|            |           |                |               |           |                                    |                                                |                                  |                                | 26                         | 6                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29<br>W30                         | 292°N<br>292°N                                 | 29<br>16                         | 6<br>2                         | 16                         | 2                          |
|            |           |                |               |           |                                    |                                                |                                  |                                | 29                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31<br>W32                         | 292°N<br>292°N                                 | 28<br>16                         | 5<br>2                         | 28                         | 5                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            |           |                |               |           |                                    |                                                |                                  |                                | 16                         | 2                          |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W2<br>W3<br>W4<br>W35<br>W36 | 202°<br>202°<br>202°<br>202°<br>292°N<br>292°N | 55<br>48<br>41<br>41<br>25<br>16 | 19<br>15<br>15<br>16<br>2<br>2 |                            |                            |
|            |           |                |               |           |                                    |                                                |                                  |                                | 70                         | 22                         |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W5<br>W6<br>W7<br>W8<br>W9         | 202°<br>202°<br>202°<br>112°<br>112°           | 41<br>56<br>51<br>37<br>27       | 16<br>21<br>19<br>9<br>14      |                            |                            |
|            |           |                |               |           |                                    |                                                |                                  |                                | 87                         | 26                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W10<br>W11                         | 112°<br>112°                                   | 29<br>22                         | 9<br>9                         | 31                         | 11                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W12<br>W13                         | 112°<br>112°                                   | 36<br>26                         | 9<br>13                        | 42                         | 14                         |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15                         | 112°<br>112°                                   | 29<br>22                         | 9<br>9                         | 32                         | 11                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W16<br>W17                         | 112°<br>112°                                   | 35<br>25                         | 7<br>12                        | 42                         | 13                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18<br>W19                         | 112°<br>112°                                   | 27<br>21                         | 7<br>8                         | 31                         | 10                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20<br>W21                         | 112°<br>112°                                   | 34<br>24                         | 6<br>11                        | 40                         | 12                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W22<br>W23                         | 112°<br>112°                                   | 22<br>15                         | 6<br>7                         | 25                         | 9                          |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25<br>W26                  | 22°N<br>292°N<br>292°N                         | 0<br>24<br>26                    | 0<br>4<br>7                    |                            |                            |
|            |           |                |               |           |                                    |                                                |                                  |                                | 27                         | 7                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28                                | 292°N                                          | 16                               | 2                              | 16                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29<br>W30                         | 292°N<br>292°N                                 | 29<br>16                         | 6<br>2                         | 29                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31                                | 292°N                                          | 28                               | 5                              |                            |                            |

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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W32         | 292°N              | 16     | 2      | 28                         | 5                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 292°N              | 16     | 2      | 16                         | 2                          |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 58     | 22     | 72                         | 24                         |
|            |           |                |               |           | W2          | 202°               | 51     | 18     |                            |                            |
|            |           |                |               |           | W3          | 202°               | 45     | 19     |                            |                            |
|            |           |                |               |           | W4          | 202°               | 43     | 17     |                            |                            |
|            |           |                |               |           | W35         | 292°N              | 27     | 4      |                            |                            |
|            |           |                |               |           | W36         | 292°N              | 16     | 2      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W5          | 202°               | 45     | 19     | 91                         | 26                         |
|            |           |                |               |           | W6          | 202°               | 59     | 23     |                            |                            |
|            |           |                |               |           | W7          | 202°               | 52     | 19     |                            |                            |
|            |           |                |               |           | W8          | 112°               | 40     | 9      |                            |                            |
|            |           |                |               |           | W9          | 112°               | 44     | 15     |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 40     | 9      | 47                         | 15                         |
|            |           |                |               |           | W11         | 112°               | 44     | 15     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 112°               | 40     | 9      |                            |                            |
|            |           |                |               |           | W13         | 112°               | 44     | 15     |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 40     | 9      |                            |                            |
|            |           |                |               |           | W15         | 112°               | 44     | 15     | 47                         | 15                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W16         | 112°               | 40     | 9      |                            |                            |
|            |           |                |               |           | W17         | 112°               | 44     | 15     |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 112°               | 40     | 9      |                            |                            |
|            |           |                |               |           | W19         | 112°               | 44     | 15     |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 38     | 8      | 45                         | 14                         |
|            |           |                |               |           | W21         | 112°               | 43     | 14     |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W22         | 112°               | 34     | 8      |                            |                            |
|            |           |                |               |           | W23         | 112°               | 38     | 14     |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W24         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W25         | 292°N              | 24     | 4      | 27                         | 7                          |
|            |           |                |               |           | W26         | 292°N              | 26     | 7      |                            |                            |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 292°N              | 16     | 2      |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 16     | 2      |                            |                            |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 292°N              | 29     | 6      |                            |                            |
|            |           |                |               |           | W30         | 292°N              | 16     | 2      | 29                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 29     | 6      |                            |                            |
|            |           |                |               |           | W32         | 292°N              | 16     | 2      |                            |                            |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 16     | 2      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 292°N              | 16     | 2      |                            |                            |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 50     | 22     | 67                         | 24                         |
|            |           |                |               |           | W2          | 202°               | 54     | 21     |                            |                            |
|            |           |                |               |           | W21         | 292°N              | 13     | 0      |                            |                            |
|            |           |                |               |           | W22         | 292°N              | 13     | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 54     | 26     |                            |                            |

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |    |  |  |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|----|--|--|
|            | R3            | Floorplan-Dwg  | Residential   | LKD       | W4          | 202°               | 47     | 19     | 58                         | 26                         |    |  |  |
|            |               |                |               |           | W5          | 202°               | 51     | 23     |                            |                            |    |  |  |
|            |               |                |               |           | W6          | 202°               | 55     | 22     |                            |                            |    |  |  |
|            |               |                |               |           | W7          | 202°               | 54     | 26     |                            |                            |    |  |  |
|            |               |                |               |           | W8          | 202°               | 46     | 18     |                            |                            |    |  |  |
|            |               |                |               |           |             | W9                 | 112°   | 37     | 11                         | 89                         | 29 |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |  |  |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 37     | 11     | 37                         | 11                         |    |  |  |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 37     | 11     | 37                         | 11                         |    |  |  |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W12         | 112°               | 37     | 11     | 37                         | 11                         |    |  |  |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 37     | 11     | 37                         | 11                         |    |  |  |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 112°               | 36     | 11     | 37                         | 11                         |    |  |  |
| R9         | Floorplan-Dwg | Residential    | LKD           | W15       | 112°        | 34                 | 11     | 36     | 11                         |                            |    |  |  |
| R10        | Floorplan-Dwg | Residential    | LKD           | W16       | 292°N       | 18                 | 4      | 34     | 11                         |                            |    |  |  |
| R11        | Floorplan-Dwg | Residential    | Bedroom       | W17       | 292°N       | 13                 | 0      | 18     | 4                          |                            |    |  |  |
| R12        | Floorplan-Dwg | Residential    | Bedroom       | W18       | 292°N       | 13                 | 0      | 13     | 0                          |                            |    |  |  |
| R13        | Floorplan-Dwg | Residential    | Bedroom       | W19       | 292°N       | 15                 | 2      | 13     | 0                          |                            |    |  |  |
| R14        | Floorplan-Dwg | Residential    | Bedroom       | W20       | 292°N       | 15                 | 2      | 15     | 2                          |                            |    |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |  |  |
| Building 3 |               |                |               |           |             |                    |        |        |                            |                            |    |  |  |
| First      | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 17     | 5      | 17                         | 5                          |    |  |  |
|            | R2            | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 3      | 0      |                            |                            |    |  |  |
|            |               |                |               |           | W3          | 112°               | 12     | 5      |                            |                            |    |  |  |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 112°               | 8      | 0      |                            |                            |    |  |  |
|            |               |                |               |           | W5          | 112°               | 17     | 5      |                            |                            |    |  |  |
|            | R4            | Floorplan-Dwg  | Residential   | LKD       | W6          | 112°               | 12     | 3      |                            |                            |    |  |  |
|            |               |                |               |           | W7          | 112°               | 17     | 0      |                            |                            |    |  |  |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 21     | 2      |                            |                            |    |  |  |
|            |               |                |               |           | W9          | 112°               | 19     | 0      |                            |                            |    |  |  |
|            | R6            | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 28     | 3      |                            |                            |    |  |  |
|            |               |                |               |           | W11         | 112°               | 22     | 1      |                            |                            |    |  |  |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 112°               | 31     | 4      |                            |                            |    |  |  |
|            |               |                |               |           | W13         | 112°               | 28     | 5      |                            |                            |    |  |  |
|            | R8            | Floorplan-Dwg  | Residential   | LKD       | W14         | 22°N               | 0      | 0      |                            |                            |    |  |  |
|            |               |                |               |           | W15         | 22°N               | 2      | 0      |                            |                            |    |  |  |
| W16        |               |                |               |           | 22°N        | 0                  | 0      |        |                            |                            |    |  |  |
| W17        |               |                |               |           | 22°N        | 0                  | 0      |        |                            |                            |    |  |  |
| R9         | Floorplan-Dwg | Residential    | LKD           | W18       | 22°N        | 0                  | 0      |        |                            |                            |    |  |  |
|            |               |                |               | W19       | 22°N        | 0                  | 0      |        |                            |                            |    |  |  |
|            |               |                |               | W20       | 22°N        | 2                  | 0      |        |                            |                            |    |  |  |
|            |               |                |               | W21       | 292°N       | 26                 | 7      |        |                            |                            |    |  |  |
|            |               |                |               | W22       | 292°N       | 24                 | 4      |        |                            |                            |    |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |  |  |
|            |               |                |               |           |             |                    |        |        | 28                         | 5                          |    |  |  |
|            |               |                |               |           |             |                    |        |        | 29                         | 7                          |    |  |  |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 29     | 6      | 29                         | 6                          |
|            |           |                |               |           | W26         | 292°N              | 16     | 2      |                            |                            |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 292°N              | 23     | 4      | 23                         | 4                          |
|            |           |                |               |           | W28         | 292°N              | 16     | 2      |                            |                            |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W31         | 292°N              | 8      | 0      | 16                         | 2                          |
|            |           |                |               |           | W32         | 292°N              | 3      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 8                          | 0                          |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 17     | 7      |                            |                            |
|            |           |                |               |           | W34         | 202°               | 26     | 13     |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 0      | 0      | 34                         | 14                         |
|            |           |                |               |           | W3          | 112°               | 8      | 4      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 112°               | 18     | 2      | 8                          | 4                          |
|            |           |                |               |           | W5          | 112°               | 26     | 6      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6          | 112°               | 23     | 6      | 27                         | 6                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 112°               | 7      | 0      | 23                         | 6                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 26     | 2      | 7                          | 0                          |
|            |           |                |               |           | W9          | 112°               | 31     | 5      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 28     | 2      | 33                         | 5                          |
|            |           |                |               |           | W11         | 112°               | 32     | 6      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 112°               | 28     | 4      | 35                         | 6                          |
|            |           |                |               |           | W13         | 112°               | 16     | 7      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 21     | 5      | 32                         | 8                          |
|            |           |                |               |           | W15         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W16         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W18         | 22°N               | 0      | 0      | 21                         | 5                          |
|            |           |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W20         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W21         | 22°N               | 2      | 0      |                            |                            |
|            |           |                |               |           | W22         | 292°N              | 24     | 4      |                            |                            |
|            |           |                |               |           | W23         | 292°N              | 26     | 7      |                            |                            |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 16     | 2      | 29                         | 7                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 292°N              | 29     | 6      | 16                         | 2                          |
|            |           |                |               |           | W27         | 292°N              | 16     | 2      |                            |                            |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 23     | 4      | 29                         | 6                          |
|            |           |                |               |           | W29         | 292°N              | 16     | 2      |                            |                            |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 292°N              | 16     | 2      | 23                         | 4                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 16     | 2      | 16                         | 2                          |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                            | Window Orientation                             | Annual                       | Winter                     | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|----------------------------------------|------------------------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W32<br>W33                             | 292°N<br>292°N                                 | 8<br>3                       | 0<br>0                     | 16<br>8                    | 2<br>0                     |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W34                              | 112°<br>202°                                   | 24<br>29                     | 7<br>16                    | 44                         | 17                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2<br>W3                               | 112°<br>112°                                   | 5<br>15                      | 0<br>4                     | 16                         | 4                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4<br>W5                               | 112°<br>112°                                   | 23<br>32                     | 2<br>6                     | 32                         | 6                          |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6                                     | 112°                                           | 29                           | 7                          | 29                         | 7                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7                                     | 112°                                           | 10                           | 0                          | 10                         | 0                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8<br>W9                               | 112°<br>112°                                   | 29<br>33                     | 2<br>5                     | 35                         | 5                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10<br>W11                             | 112°<br>112°                                   | 32<br>35                     | 2<br>6                     | 37                         | 6                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12<br>W13                             | 112°<br>112°                                   | 33<br>21                     | 5<br>8                     | 37                         | 9                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15<br>W16<br>W17               | 112°<br>22°N<br>22°N<br>22°N                   | 24<br>0<br>2<br>0            | 6<br>0<br>0<br>0           | 24                         | 6                          |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W18<br>W19<br>W20<br>W21<br>W22<br>W23 | 22°N<br>22°N<br>22°N<br>22°N<br>292°N<br>292°N | 0<br>0<br>0<br>4<br>24<br>26 | 0<br>0<br>0<br>0<br>4<br>7 | 31                         | 7                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24                                    | 292°N                                          | 16                           | 2                          | 16                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25                                    | 292°N                                          | 16                           | 2                          | 16                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26<br>W27                             | 292°N<br>292°N                                 | 29<br>16                     | 6<br>2                     | 29                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28<br>W29                             | 292°N<br>292°N                                 | 23<br>16                     | 4<br>2                     | 23                         | 4                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30                                    | 292°N                                          | 16                           | 2                          | 16                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W31                                    | 292°N                                          | 16                           | 2                          | 16                         | 2                          |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W32<br>W33                             | 292°N<br>292°N                                 | 8<br>3                       | 0<br>0                     | 8                          | 0                          |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W34                              | 112°<br>202°                                   | 32<br>30                     | 10<br>16                   | 51                         | 18                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2<br>W3                               | 112°<br>112°                                   | 12<br>23                     | 2<br>6                     | 24                         | 7                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4<br>W5                               | 112°<br>112°                                   | 28<br>38                     | 3<br>8                     | 38                         | 8                          |

Date of Analysis: 18/05/2020

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R4            | Floorplan-Dwg  | Residential   | LKD       | W6          | 112°               | 33     | 8      | 33                         | 8                          |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 112°               | 14     | 1      |                            |                            |
|            | R6            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 33     | 3      | 14                         | 1                          |
|            |               |                |               |           | W9          | 112°               | 38     | 9      |                            |                            |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 33     | 3      | 40                         | 9                          |
|            |               |                |               |           | W11         | 112°               | 39     | 10     |                            |                            |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 112°               | 33     | 5      | 41                         | 10                         |
|            |               |                |               |           | W13         | 112°               | 23     | 10     |                            |                            |
|            | R9            | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 27     | 8      | 39                         | 11                         |
|            |               |                |               |           | W15         | 22°N               | 0      | 0      |                            |                            |
|            |               |                |               |           | W16         | 22°N               | 4      | 0      |                            |                            |
|            |               |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|            | R10           | Floorplan-Dwg  | Residential   | LKD       | W18         | 22°N               | 0      | 0      | 27                         | 8                          |
|            |               |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|            |               |                |               |           | W20         | 22°N               | 0      | 0      |                            |                            |
|            |               |                |               |           | W21         | 22°N               | 4      | 0      |                            |                            |
|            |               |                |               |           | W22         | 292°N              | 24     | 4      |                            |                            |
|            |               |                |               |           | W23         | 292°N              | 26     | 7      |                            |                            |
|            | R11           | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 16     | 2      | 31                         | 7                          |
|            | R12           | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 16     | 2      | 16                         | 2                          |
| R13        | Floorplan-Dwg | Residential    | Bedroom       | W26       | 292°N       | 29                 | 6      | 16     | 2                          |                            |
|            |               |                |               | W27       | 292°N       | 16                 | 2      |        |                            |                            |
| R14        | Floorplan-Dwg | Residential    | Bedroom       | W28       | 292°N       | 23                 | 4      | 29     | 6                          |                            |
|            |               |                |               | W29       | 292°N       | 16                 | 2      |        |                            |                            |
| R15        | Floorplan-Dwg | Residential    | Bedroom       | W30       | 292°N       | 16                 | 2      | 23     | 4                          |                            |
| R16        | Floorplan-Dwg | Residential    | Bedroom       | W31       | 292°N       | 16                 | 2      | 16     | 2                          |                            |
| R17        | Floorplan-Dwg | Residential    | LKD           | W32       | 292°N       | 8                  | 0      | 16     | 2                          |                            |
|            |               |                |               | W33       | 292°N       | 3                  | 0      |        |                            |                            |
|            |               |                |               |           |             |                    |        |        | 8                          | 0                          |
| Fifth      | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 36     | 12     | 56                         | 20                         |
|            |               |                |               |           | W34         | 202°               | 31     | 16     |                            |                            |
|            | R2            | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 16     | 4      | 29                         | 9                          |
|            |               |                |               |           | W3          | 112°               | 29     | 9      |                            |                            |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 112°               | 34     | 6      | 44                         | 11                         |
|            |               |                |               |           | W5          | 112°               | 44     | 11     |                            |                            |
|            | R4            | Floorplan-Dwg  | Residential   | LKD       | W6          | 112°               | 38     | 12     | 38                         | 12                         |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 112°               | 18     | 5      | 18                         | 5                          |
|            | R6            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 37     | 7      | 44                         | 13                         |
|            |               |                |               |           | W9          | 112°               | 42     | 13     |                            |                            |
| R7         | Floorplan-Dwg | Residential    | Bedroom       | W10       | 112°        | 38                 | 8      | 45     | 14                         |                            |
|            |               |                |               | W11       | 112°        | 43                 | 14     |        |                            |                            |
| R8         | Floorplan-Dwg | Residential    | Bedroom       | W12       | 112°        | 36                 | 8      | 42     | 14                         |                            |
|            |               |                |               | W13       | 112°        | 26                 | 13     |        |                            |                            |



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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 31     | 11     |                            |                            |
|            |           |                |               |           | W15         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W16         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 31                         | 11                         |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W18         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W20         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W21         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W22         | 292°N              | 24     | 4      |                            |                            |
|            |           |                |               |           | W23         | 292°N              | 26     | 7      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 32                         | 7                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 16     | 2      |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 16     | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 16                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 292°N              | 29     | 6      |                            |                            |
|            |           |                |               |           | W27         | 292°N              | 16     | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 29                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 23     | 4      |                            |                            |
|            |           |                |               |           | W29         | 292°N              | 16     | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 23                         | 4                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 292°N              | 16     | 2      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 16     | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 16                         | 2                          |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W32         | 292°N              | 8      | 0      |                            |                            |
|            |           |                |               |           | W33         | 292°N              | 3      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 8                          | 0                          |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 47     | 13     |                            |                            |
|            |           |                |               |           | W34         | 202°               | 36     | 16     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 72                         | 21                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 36     | 7      |                            |                            |
|            |           |                |               |           | W3          | 112°               | 46     | 13     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 47                         | 13                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 112°               | 36     | 7      |                            |                            |
|            |           |                |               |           | W5          | 112°               | 47     | 14     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 48                         | 14                         |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W6          | 112°               | 48     | 14     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 48                         | 14                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 112°               | 36     | 8      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 36                         | 8                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 38     | 8      |                            |                            |
|            |           |                |               |           | W9          | 112°               | 43     | 14     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 45                         | 14                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 38     | 8      |                            |                            |
|            |           |                |               |           | W11         | 112°               | 43     | 14     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 45                         | 14                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 112°               | 39     | 9      |                            |                            |
|            |           |                |               |           | W13         | 112°               | 44     | 15     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 46                         | 15                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 48     | 15     |                            |                            |
|            |           |                |               |           | W15         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W16         | 22°N               | 6      | 0      |                            |                            |
|            |           |                |               |           | W17         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 49                         | 15                         |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W18         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W20         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W21         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W22         | 292°N              | 24     | 4      |                            |                            |
|            |           |                |               |           | W23         | 292°N              | 26     | 7      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 32                         | 7                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 16     | 2      |                            |                            |

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Project No.: Release 06  
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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 292°N              | 29     | 6      | 16                         | 2                          |
|            |           |                |               |           | W27         | 292°N              | 16     | 2      | 29                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 24     | 5      | 24                         | 5                          |
|            |           |                |               |           | W29         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W32         | 292°N              | 8      | 0      | 16                         | 2                          |
|            |           |                |               |           | W33         | 292°N              | 3      | 0      | 8                          | 0                          |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | LD        | W1          | 112°               | 37     | 11     | 37                         | 11                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 37     | 11     | 37                         | 11                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 112°               | 37     | 11     | 37                         | 11                         |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | W4          | 112°               | 37     | 11     | 37                         | 11                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 112°               | 37     | 11     | 37                         | 11                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 112°               | 37     | 11     | 37                         | 11                         |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W7          | 112°               | 37     | 11     | 37                         | 11                         |
|            |           |                |               |           | W8          | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W9          | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           | W19         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           | W20         | 22°N               | 7      | 0      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 22°N               | 1      | 0      | 37                         | 11                         |
|            |           |                |               |           | W21         | 22°N               | 5      | 0      | 6                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W11         | 22°N               | 4      | 0      |                            |                            |
|            |           |                |               |           | W12         | 292°N              | 36     | 8      |                            |                            |
|            |           |                |               |           | W13         | 292°N              | 36     | 8      |                            |                            |
|            |           |                |               |           | W22         | 22°N               | 0      | 0      | 40                         | 8                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 292°N              | 15     | 2      | 15                         | 2                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 292°N              | 15     | 2      | 15                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 292°N              | 33     | 5      | 33                         | 5                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 292°N              | 32     | 4      | 32                         | 4                          |
|            | R14       | Floorplan-Dwg  | Residential   | LD        | W18         | 292°N              | 10     | 0      | 10                         | 0                          |
| Building 4 |           |                |               |           |             |                    |        |        |                            |                            |
| Ground     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 112°               | 23     | 2      | 23                         | 2                          |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 23     | 2      | 23                         | 2                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 112°               | 24     | 2      | 24                         | 2                          |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W4          | 112°               | 35     | 7      |                            |                            |
|            |           |                |               |           | W5          | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W6          | 22°N               | 2      | 0      |                            |                            |

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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W7          | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W8          | 22°N               | 0      | 0      |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W9          | 22°N               | 0      | 0      | 35                         | 7                          |
|            |           |                |               |           | W10         | 22°N               | 1      | 0      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W11         | 22°N               | 0      | 0      | 1                          | 0                          |
|            |           |                |               |           | W12         | 22°N               | 1      | 0      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W13         | 22°N               | 0      | 0      | 1                          | 0                          |
|            |           |                |               |           | W14         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 1                          | 0                          |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 33     | 12     |                            |                            |
|            |           |                |               |           | W2          | 112°               | 31     | 7      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 112°               | 37     | 12     | 36                         | 12                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 112°               | 28     | 6      | 37                         | 12                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 112°               | 34     | 12     | 28                         | 6                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W6          | 112°               | 39     | 10     | 34                         | 12                         |
|            |           |                |               |           | W7          | 112°               | 25     | 4      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 29     | 4      | 40                         | 10                         |
|            |           |                |               |           | W9          | 112°               | 38     | 9      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 28     | 3      | 39                         | 10                         |
|            |           |                |               |           | W11         | 112°               | 38     | 9      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 112°               | 24     | 2      | 38                         | 9                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W13         | 112°               | 36     | 9      | 24                         | 2                          |
|            |           |                |               |           | W14         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W15         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W16         | 22°N               | 0      | 0      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 22°N               | 0      | 0      | 36                         | 9                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | W26         | 292°N              | 5      | 3      | 0                          | 0                          |
|            |           |                |               |           | W27         | 292°N              | 2      | 0      |                            |                            |
|            |           |                |               |           | W28         | 292°N              | 2      | 0      |                            |                            |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 292°N              | 9      | 1      | 6                          | 3                          |
|            | R21       | Floorplan-Dwg  | Residential   | LD        | W30         | 292°N              | 7      | 1      | 9                          | 1                          |
|            | R22       | Floorplan-Dwg  | Residential   | LD        | W30         | 292°N              | 7      | 1      | 7                          | 1                          |

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|------------|-----------|----------------|---------------|--------------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |              | W31         | 292°N              | 2      | 0      |                            |                            |
|            | R23       | Floorplan-Dwg  | Residential   | Resi-Unknown | W32         | 292°N              | 7      | 1      | 7                          | 1                          |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom      | W33         | 292°N              | 9      | 1      | 7                          | 1                          |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom      | W34         | 292°N              | 13     | 1      | 9                          | 1                          |
|            |           |                |               |              | W35         | 292°N              | 3      | 0      |                            |                            |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom      | W36         | 292°N              | 1      | 0      | 13                         | 1                          |
|            | R27       | Floorplan-Dwg  | Residential   | LKD          | W37         | 292°N              | 2      | 0      | 1                          | 0                          |
|            |           |                |               |              |             |                    |        |        | 2                          | 0                          |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD          | W1          | 112°               | 35     | 13     |                            |                            |
|            |           |                |               |              | W44         | 202°               | 47     | 21     |                            |                            |
|            |           |                |               |              | W45         | 202°               | 61     | 25     |                            |                            |
|            |           |                |               |              | W46         | 202°               | 54     | 21     |                            |                            |
|            |           |                |               |              |             |                    |        |        | 83                         | 26                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom      | W2          | 112°               | 14     | 5      | 14                         | 5                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom      | W3          | 112°               | 22     | 7      |                            |                            |
|            |           |                |               |              | W4          | 112°               | 15     | 6      | 25                         | 9                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom      | W5          | 112°               | 31     | 6      |                            |                            |
|            |           |                |               |              | W6          | 112°               | 36     | 11     | 38                         | 11                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom      | W7          | 112°               | 23     | 6      | 23                         | 6                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD          | W8          | 112°               | 28     | 10     | 28                         | 10                         |
|            | R7        | Floorplan-Dwg  | Residential   | LKD          | W9          | 112°               | 36     | 12     |                            |                            |
|            |           |                |               |              | W10         | 112°               | 15     | 3      | 37                         | 12                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom      | W11         | 112°               | 32     | 5      |                            |                            |
|            |           |                |               |              | W12         | 112°               | 42     | 9      | 42                         | 9                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom      | W13         | 112°               | 26     | 5      |                            |                            |
|            |           |                |               |              | W14         | 112°               | 32     | 11     | 37                         | 11                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom      | W15         | 112°               | 24     | 5      | 24                         | 5                          |
|            | R11       | Floorplan-Dwg  | Residential   | LKD          | W16         | 112°               | 26     | 7      |                            |                            |
|            |           |                |               |              | W17         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |              | W18         | 22°N               | 3      | 0      |                            |                            |
|            |           |                |               |              | W19         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |              |             |                    |        |        | 26                         | 7                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD          | W20         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |              | W21         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |              | W22         | 22°N               | 4      | 0      |                            |                            |
|            |           |                |               |              | W23         | 292°N              | 0      | 0      |                            |                            |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom      | W24         | 292°N              | 2      | 0      | 4                          | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom      | W25         | 292°N              | 0      | 0      | 2                          | 0                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom      | W26         | 292°N              | 6      | 3      | 0                          | 0                          |
|            |           |                |               |              | W27         | 292°N              | 2      | 0      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom      | W28         | 292°N              | 9      | 1      | 8                          | 3                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom      | W29         | 292°N              | 2      | 0      | 9                          | 1                          |
|            | R18       | Floorplan-Dwg  | Residential   | LKD          | W30         | 292°N              | 0      | 0      | 2                          | 0                          |
|            |           |                |               |              | W31         | 292°N              | 5      | 0      |                            |                            |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.              | Window Orientation            | Annual               | Winter               | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|--------------------------|-------------------------------|----------------------|----------------------|----------------------------|----------------------------|
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | W32<br>W33               | 292°N<br>292°N                | 2<br>3               | 1<br>0               | 5                          | 0                          |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W34                      | 292°N                         | 3                    | 0                    | 4                          | 1                          |
|            | R21       | Floorplan-Dwg  | Residential   | Bedroom   | W35<br>W36               | 292°N<br>292°N                | 11<br>4              | 0<br>0               | 3                          | 0                          |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W37                      | 292°N                         | 3                    | 0                    | 11                         | 0                          |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W38                      | 292°N                         | 5                    | 0                    | 3                          | 0                          |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W39                      | 292°N                         | 1                    | 0                    | 5                          | 0                          |
|            | R25       | Floorplan-Dwg  | Residential   | LKD       | W40<br>W41<br>W42<br>W43 | 292°N<br>202°<br>202°<br>202° | 13<br>52<br>56<br>46 | 1<br>24<br>20<br>20  | 1                          | 0                          |
|            |           |                |               |           |                          |                               |                      |                      | 62                         | 24                         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W44<br>W45<br>W46  | 112°<br>202°<br>202°<br>202°  | 39<br>47<br>61<br>54 | 14<br>21<br>25<br>21 |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                       | 112°                          | 18                   | 6                    | 87                         | 27                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3<br>W4                 | 112°<br>112°                  | 27<br>19             | 8<br>7               | 18                         | 6                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5<br>W6                 | 112°<br>112°                  | 35<br>39             | 6<br>11              | 29                         | 10                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7                       | 112°                          | 26                   | 6                    | 41                         | 11                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W8                       | 112°                          | 31                   | 10                   | 26                         | 6                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W9<br>W10                | 112°<br>112°                  | 38<br>17             | 12<br>4              | 31                         | 10                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11<br>W12               | 112°<br>112°                  | 34<br>43             | 6<br>10              | 38                         | 12                         |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13<br>W14               | 112°<br>112°                  | 27<br>34             | 6<br>12              | 43                         | 10                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15                      | 112°                          | 18                   | 5                    | 38                         | 12                         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W16<br>W17<br>W18<br>W19 | 112°<br>22°N<br>22°N<br>22°N  | 30<br>0<br>5<br>0    | 10<br>0<br>0<br>0    | 18                         | 5                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W20<br>W21<br>W22<br>W23 | 22°N<br>22°N<br>22°N<br>292°N | 0<br>0<br>5<br>1     | 0<br>0<br>0<br>0     | 30                         | 10                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24                      | 292°N                         | 3                    | 0                    | 6                          | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25                      | 292°N                         | 0                    | 0                    | 3                          | 0                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W26<br>W27               | 292°N<br>292°N                | 8<br>5               | 3<br>0               | 0                          | 0                          |

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|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 13     | 1      | 11                         | 3                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 292°N              | 5      | 0      | 13                         | 1                          |
|            |           |                |               |           | W30         | 292°N              | 1      | 0      |                            |                            |
|            | R18       | Floorplan-Dwg  | Residential   | LKD       | W31         | 292°N              | 9      | 0      | 5                          | 0                          |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | W32         | 292°N              | 5      | 1      | 9                          | 0                          |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 6      | 0      | 5                          | 1                          |
|            |           |                |               |           | W34         | 292°N              | 7      | 0      |                            |                            |
|            | R21       | Floorplan-Dwg  | Residential   | Bedroom   | W35         | 292°N              | 14     | 0      | 7                          | 0                          |
|            |           |                |               |           | W36         | 292°N              | 7      | 0      |                            |                            |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W37         | 292°N              | 5      | 0      | 14                         | 0                          |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W38         | 292°N              | 7      | 0      | 5                          | 0                          |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W39         | 292°N              | 3      | 0      | 7                          | 0                          |
|            | R25       | Floorplan-Dwg  | Residential   | LKD       | W40         | 292°N              | 15     | 1      | 3                          | 0                          |
|            |           |                |               |           | W41         | 202°               | 56     | 20     |                            |                            |
|            |           |                |               |           | W42         | 202°               | 52     | 24     |                            |                            |
|            |           |                |               |           | W43         | 202°               | 46     | 20     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 62                         | 24                         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 41     | 15     |                            |                            |
|            |           |                |               |           | W44         | 202°               | 48     | 22     |                            |                            |
|            |           |                |               |           | W45         | 202°               | 62     | 26     |                            |                            |
|            |           |                |               |           | W46         | 202°               | 55     | 22     |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 20     | 7      | 90                         | 29                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 112°               | 30     | 9      | 20                         | 7                          |
|            |           |                |               |           | W4          | 112°               | 22     | 9      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 112°               | 38     | 7      | 32                         | 11                         |
|            |           |                |               |           | W6          | 112°               | 42     | 13     |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 112°               | 29     | 8      | 45                         | 13                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W8          | 112°               | 32     | 11     | 29                         | 8                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W9          | 112°               | 39     | 13     | 32                         | 11                         |
|            |           |                |               |           | W10         | 112°               | 18     | 5      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 35     | 7      | 39                         | 13                         |
|            |           |                |               |           | W12         | 112°               | 44     | 11     |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 28     | 7      | 44                         | 11                         |
|            |           |                |               |           | W14         | 112°               | 35     | 13     |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 112°               | 19     | 6      | 39                         | 13                         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W16         | 112°               | 31     | 11     | 19                         | 6                          |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W18         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W20         | 22°N               | 0      | 0      | 31                         | 11                         |
|            |           |                |               |           | W21         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W22         | 22°N               | 6      | 0      |                            |                            |
|            |           |                |               |           | W23         | 292°N              | 4      | 0      |                            |                            |

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Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 6      | 0      | 10                         | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 1      | 0      | 6                          | 0                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 292°N              | 8      | 3      | 1                          | 0                          |
|            |           |                |               |           | W27         | 292°N              | 6      | 0      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 13     | 1      | 12                         | 3                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 292°N              | 6      | 0      | 13                         | 1                          |
|            |           |                |               |           | W30         | 292°N              | 2      | 0      |                            |                            |
|            | R18       | Floorplan-Dwg  | Residential   | LKD       | W31         | 292°N              | 10     | 0      | 6                          | 0                          |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | W32         | 292°N              | 6      | 1      | 10                         | 0                          |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 8      | 0      | 6                          | 1                          |
|            |           |                |               |           | W34         | 292°N              | 8      | 0      |                            |                            |
|            | R21       | Floorplan-Dwg  | Residential   | Bedroom   | W35         | 292°N              | 16     | 0      | 8                          | 0                          |
|            |           |                |               |           | W36         | 292°N              | 8      | 0      |                            |                            |
|            | R22       | Floorplan-Dwg  | Residential   | Bedroom   | W37         | 292°N              | 6      | 0      | 16                         | 0                          |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W38         | 292°N              | 8      | 0      | 6                          | 0                          |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W39         | 292°N              | 3      | 0      | 8                          | 0                          |
|            | R25       | Floorplan-Dwg  | Residential   | LKD       | W40         | 292°N              | 15     | 1      | 3                          | 0                          |
|            |           |                |               |           | W41         | 202°               | 57     | 21     |                            |                            |
|            |           |                |               |           | W42         | 202°               | 53     | 25     |                            |                            |
|            |           |                |               |           | W43         | 202°               | 47     | 21     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 63                         | 25                         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 49     | 15     |                            |                            |
|            |           |                |               |           | W44         | 202°               | 48     | 22     |                            |                            |
|            |           |                |               |           | W45         | 202°               | 62     | 26     |                            |                            |
|            |           |                |               |           | W46         | 202°               | 55     | 22     |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 37     | 9      | 94                         | 29                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 112°               | 40     | 9      | 37                         | 9                          |
|            |           |                |               |           | W4          | 112°               | 44     | 15     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 112°               | 40     | 9      | 47                         | 15                         |
|            |           |                |               |           | W6          | 112°               | 44     | 15     |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 112°               | 37     | 9      | 47                         | 15                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W8          | 112°               | 48     | 14     | 37                         | 9                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W9          | 112°               | 47     | 14     | 48                         | 14                         |
|            |           |                |               |           | W10         | 112°               | 36     | 8      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 36     | 8      | 47                         | 14                         |
|            |           |                |               |           | W12         | 112°               | 47     | 14     |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 36     | 8      | 47                         | 14                         |
|            |           |                |               |           | W14         | 112°               | 47     | 14     |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 112°               | 36     | 8      | 47                         | 14                         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W16         | 112°               | 47     | 14     | 36                         | 8                          |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R12           | Floorplan-Dwg  | Residential   | LKD       | W18         | 22°N               | 5      | 0      | 47                         | 14                         |
|            |               |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|            |               |                |               |           | W20         | 22°N               | 0      | 0      |                            |                            |
|            |               |                |               |           | W21         | 22°N               | 0      | 0      |                            |                            |
|            |               |                |               |           | W22         | 22°N               | 6      | 0      |                            |                            |
|            | R13           | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 292°N              | 15     | 1      | 21                         | 1                          |
|            |               |                |               |           | W24         | 292°N              | 8      | 0      |                            |                            |
|            |               |                |               |           | W25         | 292°N              | 8      | 0      |                            |                            |
|            |               |                |               |           | W26         | 292°N              | 8      | 0      |                            |                            |
|            |               |                |               |           | W27         | 292°N              | 16     | 3      |                            |                            |
|            | R14           | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 15     | 1      | 16                         | 3                          |
|            |               |                |               |           | W29         | 292°N              | 8      | 0      |                            |                            |
|            |               |                |               |           | W30         | 292°N              | 9      | 0      |                            |                            |
|            |               |                |               |           | W31         | 292°N              | 16     | 1      |                            |                            |
|            |               |                |               |           | W32         | 292°N              | 16     | 1      |                            |                            |
|            | R15           | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 10     | 1      | 16                         | 1                          |
|            |               |                |               |           | W34         | 292°N              | 10     | 1      |                            |                            |
|            |               |                |               |           | W35         | 292°N              | 22     | 4      |                            |                            |
|            |               |                |               |           | W36         | 292°N              | 10     | 1      |                            |                            |
|            |               |                |               |           | W37         | 292°N              | 17     | 2      |                            |                            |
|            | R16           | Floorplan-Dwg  | Residential   | Bedroom   | W38         | 292°N              | 10     | 1      | 17                         | 2                          |
|            |               |                |               |           | W39         | 292°N              | 10     | 1      |                            |                            |
|            |               |                |               |           | W40         | 292°N              | 10     | 1      |                            |                            |
|            |               |                |               |           | W41         | 202°               | 19     | 2      |                            |                            |
|            |               |                |               |           | W42         | 202°               | 58     | 22     |                            |                            |
| R17        | Floorplan-Dwg | Residential    | LKD           | W43       | 202°        | 54                 | 26     | 10     | 1                          |                            |
|            |               |                |               | W44       | 202°        | 48                 | 22     |        |                            |                            |
|            |               |                |               | W45       | 202°        | 48                 | 22     |        |                            |                            |
|            |               |                |               | W46       | 202°        | 48                 | 22     |        |                            |                            |
|            |               |                |               | W47       | 202°        | 48                 | 22     |        |                            |                            |
| Sixth      | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 112°               | 37     | 11     | 91                         | 30                         |
|            |               |                |               |           | W23         | 202°               | 56     | 24     |                            |                            |
|            |               |                |               |           | W24         | 202°               | 55     | 24     |                            |                            |
|            | R2            | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 112°               | 37     | 11     | 37                         | 11                         |
|            |               |                |               |           | W3          | 112°               | 37     | 11     |                            |                            |
|            |               |                |               |           | W4          | 112°               | 37     | 11     |                            |                            |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 112°               | 37     | 11     | 37                         | 11                         |
|            |               |                |               |           | W6          | 112°               | 37     | 11     |                            |                            |
|            |               |                |               |           | W7          | 112°               | 37     | 11     |                            |                            |
|            | R4            | Floorplan-Dwg  | Residential   | LKD       | W8          | 22°N               | 3      | 0      | 37                         | 11                         |
|            |               |                |               |           | W9          | 22°N               | 3      | 0      |                            |                            |
|            |               |                |               |           | W10         | 22°N               | 10     | 1      |                            |                            |
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W11         | 292°N              | 13     | 3      | 16                         | 3                          |
|            |               |                |               |           | W12         | 292°N              | 13     | 3      |                            |                            |
|            |               |                |               |           | W13         | 292°N              | 11     | 1      |                            |                            |
| R6         | Floorplan-Dwg | Residential    | Bedroom       | W14       | 292°N       | 13                 | 3      | 14     | 3                          |                            |
|            |               |                |               | W15       | 292°N       | 11                 | 1      |        |                            |                            |
|            |               |                |               | W16       | 292°N       | 11                 | 1      |        |                            |                            |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                            | Window Orientation                             | Annual                           | Winter                     | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|----------------------------------------|------------------------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W13<br>W14                             | 292°N<br>292°N                                 | 32<br>31                         | 7<br>6                     | 32                         | 7                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15                                    | 292°N                                          | 12                               | 1                          | 12                         | 1                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16                                    | 292°N                                          | 11                               | 1                          | 11                         | 1                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17<br>W18                             | 292°N<br>292°N                                 | 32<br>33                         | 6<br>7                     | 33                         | 7                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W19<br>W20                             | 292°N<br>292°N                                 | 21<br>8                          | 4<br>0                     | 21                         | 4                          |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | W20<br>W21<br>W22                      | 292°N<br>292°N<br>202°                         | 8<br>12<br>54                    | 0<br>1<br>23               | 61                         | 23                         |
| Building 5 |           |                |               |           |                                        |                                                |                                  |                            |                            |                            |
| First      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1                                     | 292°N                                          | 10                               | 0                          | 10                         | 0                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W2<br>W3<br>W4                         | 292°N<br>292°N<br>292°N                        | 10<br>18<br>10                   | 0<br>2<br>0                | 18                         | 2                          |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5<br>W6<br>W7                         | 292°N<br>292°N<br>292°N                        | 18<br>10<br>16                   | 2<br>0<br>2                | 18                         | 2                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W8                                     | 292°N                                          | 16                               | 2                          | 16                         | 2                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9                                     | 292°N                                          | 16                               | 2                          | 16                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10                                    | 292°N                                          | 16                               | 2                          | 16                         | 2                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W11<br>W12<br>W13<br>W14<br>W15<br>W16 | 292°N<br>292°N<br>202°<br>202°<br>202°<br>202° | 20<br>10<br>18<br>18<br>12<br>16 | 2<br>0<br>6<br>5<br>4<br>5 | 40                         | 11                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W17<br>W18                             | 202°<br>202°                                   | 10<br>12                         | 3<br>4                     | 18                         | 6                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W19<br>W20<br>W21<br>W22               | 202°<br>202°<br>112°<br>112°                   | 4<br>11<br>19<br>19              | 4<br>7<br>3<br>3           | 30                         | 10                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23                                    | 112°                                           | 17                               | 3                          | 17                         | 3                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24                                    | 112°                                           | 12                               | 1                          | 12                         | 1                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W25<br>W26<br>W27                      | 112°<br>112°<br>112°                           | 2<br>3<br>15                     | 2<br>0<br>3                | 16                         | 4                          |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W28<br>W29                             | 112°<br>112°                                   | 1<br>4                           | 0<br>4                     | 5                          | 4                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W30                                    | 112°                                           | 7                                | 1                          | 7                          | 1                          |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                            | Window Orientation                             | Annual                          | Winter                     | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|----------------------------------------|------------------------------------------------|---------------------------------|----------------------------|----------------------------|----------------------------|
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W31                                    | 202°                                           | 17                              | 7                          | 17                         | 7                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W32<br>W33                             | 202°<br>22°N                                   | 10<br>1                         | 9<br>0                     | 11                         | 9                          |
| Second     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1                                     | 292°N                                          | 10                              | 0                          | 10                         | 0                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W2<br>W3<br>W4                         | 292°N<br>292°N<br>292°N                        | 10<br>17<br>10                  | 0<br>2<br>0                | 17                         | 2                          |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5<br>W6<br>W7                         | 292°N<br>292°N<br>292°N                        | 17<br>10<br>16                  | 2<br>0<br>2                | 17                         | 2                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W8                                     | 292°N                                          | 16                              | 2                          | 16                         | 2                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9                                     | 292°N                                          | 16                              | 2                          | 16                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10                                    | 292°N                                          | 16                              | 2                          | 16                         | 2                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W11<br>W12<br>W13<br>W14<br>W15<br>W16 | 292°N<br>292°N<br>202°<br>202°<br>202°<br>202° | 17<br>10<br>13<br>14<br>7<br>12 | 2<br>0<br>6<br>5<br>4<br>5 | 34                         | 11                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W17<br>W18                             | 202°<br>202°                                   | 7<br>9                          | 4<br>5                     | 14                         | 7                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W19<br>W20<br>W21<br>W22<br>W23        | 202°<br>202°<br>112°<br>112°<br>112°           | 5<br>12<br>21<br>24<br>20       | 5<br>8<br>4<br>7<br>4      | 37                         | 15                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W24                                    | 112°                                           | 17                              | 3                          | 17                         | 3                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W25                                    | 112°                                           | 15                              | 3                          | 15                         | 3                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W26<br>W27<br>W28                      | 112°<br>112°<br>112°                           | 3<br>7<br>5                     | 2<br>6<br>1                | 12                         | 6                          |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W29<br>W30                             | 112°<br>112°                                   | 1<br>5                          | 0<br>5                     | 6                          | 5                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31                                    | 112°                                           | 11                              | 2                          | 11                         | 2                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W32                                    | 202°                                           | 23                              | 12                         | 23                         | 12                         |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W33                                    | 202°                                           | 17                              | 7                          | 17                         | 7                          |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W34<br>W35                             | 202°<br>22°N                                   | 12<br>1                         | 11<br>0                    | 13                         | 11                         |
| Third      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1                                     | 292°N                                          | 10                              | 0                          | 10                         | 0                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W2<br>W3<br>W4                         | 292°N<br>292°N<br>292°N                        | 10<br>18<br>10                  | 0<br>2<br>0                | 18                         | 2                          |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5                                     | 292°N                                          | 25                              | 6                          |                            |                            |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W6          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W7          | 292°N              | 16     | 2      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 292°N              | 16     | 2      | 25                         | 6                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W11         | 292°N              | 18     | 2      | 16                         | 2                          |
|            |           |                |               |           | W12         | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W13         | 202°               | 24     | 6      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 26     | 5      |                            |                            |
|            |           |                |               |           | W15         | 202°               | 20     | 4      |                            |                            |
|            |           |                |               |           | W16         | 202°               | 25     | 5      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 202°               | 20     | 4      | 45                         | 11                         |
|            |           |                |               |           | W18         | 202°               | 21     | 5      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W19         | 202°               | 6      | 6      | 28                         | 7                          |
|            |           |                |               |           | W20         | 202°               | 13     | 9      |                            |                            |
|            |           |                |               |           | W21         | 112°               | 23     | 5      |                            |                            |
|            |           |                |               |           | W22         | 112°               | 28     | 9      |                            |                            |
|            |           |                |               |           | W23         | 112°               | 22     | 5      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 112°               | 20     | 4      | 40                         | 17                         |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 112°               | 17     | 3      | 20                         | 4                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 4      | 3      | 17                         | 3                          |
|            |           |                |               |           | W27         | 112°               | 11     | 8      |                            |                            |
|            |           |                |               |           | W28         | 112°               | 8      | 2      |                            |                            |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 112°               | 2      | 1      | 17                         | 8                          |
|            |           |                |               |           | W30         | 112°               | 7      | 5      |                            |                            |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 112°               | 13     | 2      | 9                          | 6                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 202°               | 24     | 13     | 13                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 202°               | 18     | 8      | 24                         | 13                         |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W34         | 202°               | 14     | 13     | 18                         | 8                          |
|            |           |                |               |           | W35         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 15                         | 13                         |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 10     | 0      | 10                         | 0                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W2          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W3          | 292°N              | 18     | 2      |                            |                            |
|            |           |                |               |           | W4          | 292°N              | 10     | 0      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 18     | 2      | 18                         | 2                          |
|            |           |                |               |           | W6          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W7          | 292°N              | 16     | 2      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 292°N              | 16     | 2      | 18                         | 2                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W11         | 292°N              | 18     | 2      | 16                         | 2                          |
|            |           |                |               |           | W12         | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W13         | 202°               | 30     | 7      |                            |                            |

Date of Analysis: 18/05/2020

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 202°               | 32     | 5      | 52                         | 14                         |
|            |               |                |               |           | W15         | 202°               | 29     | 7      |                            |                            |
|            |               |                |               |           | W16         | 202°               | 32     | 6      |                            |                            |
|            |               |                |               |           | W17         | 202°               | 30     | 8      |                            |                            |
|            |               |                |               |           | W18         | 202°               | 35     | 10     |                            |                            |
|            |               |                |               |           |             |                    |        |        |                            |                            |
|            | R9            | Floorplan-Dwg  | Residential   | LKD       | W19         | 202°               | 34     | 12     | 40                         | 13                         |
|            |               |                |               |           | W20         | 202°               | 34     | 10     |                            |                            |
|            |               |                |               |           | W21         | 112°               | 11     | 6      |                            |                            |
|            |               |                |               |           | W22         | 112°               | 11     | 8      |                            |                            |
|            |               |                |               |           | W23         | 112°               | 11     | 6      |                            |                            |
|            |               |                |               |           |             |                    |        |        |                            |                            |
|            | R10           | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 112°               | 25     | 6      | 54                         | 19                         |
|            |               |                |               |           |             |                    |        |        | 25                         | 6                          |
|            | R11           | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 112°               | 23     | 4      | 23                         | 4                          |
|            | R12           | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 12     | 3      | 19                         | 6                          |
|            |               |                |               |           | W27         | 112°               | 7      | 6      |                            |                            |
|            |               |                |               |           | W28         | 112°               | 9      | 2      |                            |                            |
|            | R13           | Floorplan-Dwg  | Residential   | LKD       | W29         | 112°               | 19     | 1      | 29                         | 6                          |
|            |               |                |               |           | W30         | 112°               | 27     | 5      |                            |                            |
| R14        | Floorplan-Dwg | Residential    | Bedroom       | W31       | 112°        | 20                 | 3      | 20     | 3                          |                            |
| R15        | Floorplan-Dwg | Residential    | Bedroom       | W32       | 202°        | 24                 | 13     | 24     | 13                         |                            |
| R16        | Floorplan-Dwg | Residential    | Bedroom       | W33       | 202°        | 19                 | 8      | 19     | 8                          |                            |
| R17        | Floorplan-Dwg | Residential    | LKD           | W34       | 202°        | 16                 | 13     | 17     | 13                         |                            |
|            |               |                |               | W35       | 22°N        | 1                  | 0      |        |                            |                            |
| Fifth      | R1            | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |               |                |               |           | W2          | 292°N              | 16     | 2      |                            |                            |
|            | R2            | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |               |                |               |           | W4          | 292°N              | 16     | 2      |                            |                            |
|            | R3            | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |               |                |               |           | W6          | 292°N              | 16     | 2      |                            |                            |
|            | R4            | Floorplan-Dwg  | Residential   | LD        | W7          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |               |                |               |           | W8          | 292°N              | 16     | 2      |                            |                            |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |               |                |               |           | W10         | 292°N              | 16     | 2      |                            |                            |
|            | R6            | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 10     | 0      | 10                         | 0                          |
|            |               |                |               |           |             |                    |        |        |                            |                            |
|            | R7            | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 16     | 2      | 53                         | 15                         |
|            |               |                |               |           | W13         | 292°N              | 10     | 0      |                            |                            |
|            |               |                |               |           | W14         | 202°               | 35     | 10     |                            |                            |
|            |               |                |               |           | W15         | 202°               | 32     | 9      |                            |                            |
|            |               |                |               |           | W16         | 202°               | 33     | 8      |                            |                            |
|            |               |                |               |           | W17         | 202°               | 32     | 9      |                            |                            |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 202°               | 35     | 10     | 40                         | 14                         |
|            |               |                |               |           | W19         | 202°               | 35     | 12     |                            |                            |
| R9         | Floorplan-Dwg | Residential    | LKD           | W20       | 202°        | 35                 | 11     | 61     | 23                         |                            |
|            |               |                |               | W21       | 202°        | 39                 | 16     |        |                            |                            |
|            |               |                |               | W22       | 112°        | 22                 | 9      |        |                            |                            |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 28     | 6      | 28                         | 6                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 112°               | 30     | 7      |                            |                            |
|            |           |                |               |           | W25         | 112°               | 28     | 7      | 30                         | 7                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 16     | 3      |                            |                            |
|            |           |                |               |           | W27         | 112°               | 10     | 4      |                            |                            |
|            |           |                |               |           | W28         | 112°               | 26     | 4      | 27                         | 4                          |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 112°               | 28     | 3      |                            |                            |
|            |           |                |               |           | W30         | 112°               | 31     | 5      | 32                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 112°               | 31     | 5      |                            |                            |
|            |           |                |               |           | W32         | 112°               | 31     | 5      | 31                         | 5                          |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W2          | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W4          | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W6          | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | W7          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W8          | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W10         | 292°N              | 16     | 2      | 16                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 10                         | 0                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 16     | 2      |                            |                            |
|            |           |                |               |           | W13         | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 38     | 13     |                            |                            |
|            |           |                |               |           | W15         | 202°               | 36     | 13     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 38     | 13     |                            |                            |
|            |           |                |               |           | W17         | 202°               | 36     | 13     | 56                         | 18                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 202°               | 37     | 12     |                            |                            |
|            |           |                |               |           | W19         | 202°               | 38     | 15     | 43                         | 17                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 202°               | 39     | 14     |                            |                            |
|            |           |                |               |           | W21         | 202°               | 40     | 17     |                            |                            |
|            |           |                |               |           | W22         | 112°               | 26     | 9      | 68                         | 25                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 32     | 6      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 32                         | 6                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 112°               | 34     | 7      |                            |                            |
|            |           |                |               |           | W25         | 112°               | 32     | 7      | 34                         | 7                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 20     | 3      |                            |                            |
|            |           |                |               |           | W27         | 112°               | 12     | 4      |                            |                            |
|            |           |                |               |           | W28         | 112°               | 28     | 4      | 29                         | 4                          |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 112°               | 30     | 3      |                            |                            |
|            |           |                |               |           | W30         | 112°               | 34     | 6      | 34                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 112°               | 34     | 6      |                            |                            |
|            |           |                |               |           | W32         | 112°               | 34     | 6      | 34                         | 6                          |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W2          | 292°N              | 16     | 2      | 16                         | 2                          |

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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                            | Window Orientation                             | Annual                           | Winter                         | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|----------------------------------------|------------------------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3<br>W4                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5<br>W6                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | W7<br>W8                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9<br>W10                              | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11                                    | 292°N                                          | 10                               | 0                              | 10                         | 0                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W12<br>W13<br>W14<br>W15<br>W16<br>W17 | 292°N<br>292°N<br>202°<br>202°<br>202°<br>202° | 16<br>10<br>43<br>42<br>43<br>41 | 2<br>0<br>18<br>19<br>18<br>18 | 59                         | 21                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18<br>W19                             | 202°<br>202°                                   | 42<br>42                         | 17<br>19                       | 47                         | 21                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W20<br>W21<br>W22                      | 202°<br>202°<br>112°                           | 43<br>42<br>27                   | 18<br>19<br>6                  | 74                         | 27                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23                                    | 112°                                           | 33                               | 6                              | 33                         | 6                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24<br>W25                             | 112°<br>112°                                   | 37<br>35                         | 9<br>9                         | 37                         | 9                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W26<br>W27<br>W28                      | 112°<br>112°<br>112°                           | 24<br>16<br>31                   | 5<br>6<br>5                    | 33                         | 6                          |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W29<br>W30                             | 112°<br>112°                                   | 31<br>35                         | 4<br>7                         | 35                         | 7                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31<br>W32                             | 112°<br>112°                                   | 36<br>35                         | 8<br>7                         | 36                         | 8                          |
| Eighth     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1<br>W2                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3<br>W4                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5<br>W6                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | W7<br>W8                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9<br>W10                              | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11                                    | 292°N                                          | 10                               | 0                              | 10                         | 0                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W12<br>W13<br>W14<br>W15               | 292°N<br>292°N<br>202°<br>202°                 | 16<br>10<br>45<br>44             | 2<br>0<br>20<br>21             |                            |                            |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W16         | 202°               | 45     | 20     |                            |                            |
|            |           |                |               |           | W17         | 202°               | 44     | 21     |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 202°               | 45     | 20     | 61                         | 23                         |
|            |           |                |               |           | W19         | 202°               | 44     | 21     |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 202°               | 45     | 20     | 49                         | 23                         |
|            |           |                |               |           | W21         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W22         | 112°               | 27     | 9      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 33     | 6      | 74                         | 30                         |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 112°               | 37     | 9      | 33                         | 6                          |
|            |           |                |               |           | W25         | 112°               | 35     | 9      |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 25     | 6      | 37                         | 9                          |
|            |           |                |               |           | W27         | 112°               | 17     | 7      |                            |                            |
|            |           |                |               |           | W28         | 112°               | 33     | 7      |                            |                            |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W29         | 112°               | 33     | 6      | 34                         | 7                          |
|            |           |                |               |           | W30         | 112°               | 37     | 9      |                            |                            |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 112°               | 37     | 9      | 37                         | 9                          |
|            |           |                |               |           | W32         | 112°               | 37     | 9      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 37                         | 9                          |
| Ninth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W2          | 292°N              | 16     | 2      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |           |                |               |           | W4          | 292°N              | 16     | 2      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |           |                |               |           | W6          | 292°N              | 16     | 2      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | LD        | W7          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |           |                |               |           | W8          | 292°N              | 16     | 2      |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 10     | 0      | 16                         | 2                          |
|            |           |                |               |           | W10         | 292°N              | 16     | 2      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 10     | 0      | 16                         | 2                          |
|            | R7        | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 16     | 2      | 10                         | 0                          |
|            |           |                |               |           | W13         | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 45     | 20     |                            |                            |
|            |           |                |               |           | W15         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 45     | 20     |                            |                            |
|            |           |                |               |           | W17         | 202°               | 44     | 21     |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 202°               | 45     | 20     | 61                         | 23                         |
|            |           |                |               |           | W19         | 202°               | 44     | 21     |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W20         | 202°               | 45     | 20     | 49                         | 23                         |
|            |           |                |               |           | W21         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W22         | 112°               | 27     | 9      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 33     | 6      | 74                         | 30                         |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 112°               | 37     | 9      | 33                         | 6                          |
|            |           |                |               |           | W25         | 112°               | 35     | 9      |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 25     | 6      | 37                         | 9                          |
|            |           |                |               |           | W27         | 112°               | 17     | 7      |                            |                            |
|            |           |                |               |           | W28         | 112°               | 33     | 7      |                            |                            |

Date of Analysis: 18/05/2020

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use.   | Window Ref.                            | Window Orientation                             | Annual                           | Winter                         | Total Suns per Room Annual | Total Suns per Room Winter |   |
|------------|-----------|----------------|---------------|-------------|----------------------------------------|------------------------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---|
|            | R13       | Floorplan-Dwg  | Residential   | LKD         | W29<br>W30                             | 112°<br>112°                                   | 33<br>37                         | 6<br>9                         | 34                         | 7                          |   |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom     | W31<br>W32                             | 112°<br>112°                                   | 37                               | 9                              | 37                         | 9                          |   |
|            |           |                |               |             |                                        |                                                | 37                               | 9                              |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                | 37                         | 9                          |   |
|            | Tenth     | R1             | Floorplan-Dwg | Residential | Bedroom                                | W1<br>W2                                       | 292°N<br>292°N                   | 10<br>16                       | 0<br>2                     |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            | 16                         | 2 |
|            | R2        | Floorplan-Dwg  | Residential   | LKD         | W3<br>W4                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         |                            | 2                          |   |
|            | R3        | Floorplan-Dwg  | Residential   | LKD         | W5<br>W6                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R4        | Floorplan-Dwg  | Residential   | LD          | W7<br>W8                               | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom     | W9<br>W10                              | 292°N<br>292°N                                 | 10<br>16                         | 0<br>2                         | 16                         | 2                          |   |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom     | W11                                    | 292°N                                          | 10                               | 0                              | 16                         | 2                          |   |
|            | R7        | Floorplan-Dwg  | Residential   | LKD         | W12<br>W13<br>W14<br>W15<br>W16<br>W17 | 292°N<br>292°N<br>202°<br>202°<br>202°<br>202° | 16<br>10<br>45<br>44<br>45<br>44 | 2<br>0<br>20<br>21<br>20<br>21 | 10                         | 0                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom     | W18<br>W19                             | 202°<br>202°                                   | 45<br>44                         | 20<br>21                       | 16                         | 2                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R9        | Floorplan-Dwg  | Residential   | LKD         | W20<br>W21<br>W22                      | 202°<br>202°<br>112°                           | 45<br>44<br>39                   | 20<br>21<br>9                  | 10                         | 0                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom     | W23                                    | 112°                                           | 33                               | 6                              | 16                         | 2                          |   |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom     | W24<br>W25                             | 112°<br>112°                                   | 37<br>37                         | 9<br>9                         | 16                         | 2                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R12       | Floorplan-Dwg  | Residential   | LKD         | W26<br>W27<br>W28                      | 112°<br>112°<br>112°                           | 34<br>37<br>37                   | 6<br>9<br>9                    | 16                         | 2                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R13       | Floorplan-Dwg  | Residential   | LKD         | W29<br>W30                             | 112°<br>112°                                   | 33<br>37                         | 6<br>9                         | 16                         | 2                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom     | W31<br>W32                             | 112°<br>112°                                   | 37<br>37                         | 9<br>9                         | 16                         | 2                          |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
| 379        |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
| Building 6 |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |
| Ground     | R1        | Floorplan-Dwg  | Residential   | Bedroom     | W1<br>W2                               | 202°<br>202°                                   | 26<br>24                         | 6<br>5                         |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                | 27                         | 7                          |   |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom     | W3<br>W4                               | 202°<br>202°                                   | 25<br>24                         | 5<br>4                         |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                | 26                         | 5                          |   |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom     | W5<br>W6                               | 202°<br>202°                                   | 27<br>27                         | 6<br>5                         |                            |                            |   |
|            |           |                |               |             |                                        |                                                |                                  |                                |                            |                            |   |



Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.       | Window Orientation      | Annual       | Winter      | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------------|-------------------------|--------------|-------------|----------------------------|----------------------------|
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W7<br>W8          | 202°<br>202°            | 10<br>5      | 4<br>5      | 29<br>11                   | 6<br>5                     |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W31         | 202°<br>22°N            | 8<br>1       | 6<br>0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                | 202°                    | 15           | 5           | 9                          | 6                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                | 292°N                   | 0            | 0           | 15                         | 5                          |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W4<br>W5          | 292°N<br>292°N          | 2<br>0       | 0<br>0      | 0                          | 0                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W6<br>W7<br>W8    | 292°N<br>292°N<br>292°N | 0<br>0<br>3  | 0<br>0<br>0 | 2                          | 0                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9                | 292°N                   | 4            | 0           | 3                          | 0                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10               | 292°N                   | 6            | 0           | 4                          | 0                          |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W11<br>W12<br>W13 | 292°N<br>292°N<br>202°  | 9<br>6<br>14 | 0<br>0<br>7 | 6                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W14               | 202°                    | 28           | 6           | 22                         | 7                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15               | 202°                    | 31           | 9           | 28                         | 6                          |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W16<br>W17<br>W18 | 202°<br>112°<br>112°    | 31<br>4<br>5 | 9<br>2<br>3 | 31                         | 9                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W19               | 112°                    | 20           | 4           | 36                         | 12                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20               | 112°                    | 15           | 3           | 20                         | 4                          |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | W21<br>W22<br>W23 | 112°<br>112°<br>112°    | 13<br>0<br>5 | 3<br>0<br>4 | 15                         | 3                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25        | 112°<br>112°            | 2<br>3       | 0<br>3      | 14                         | 4                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W26               | 112°                    | 7            | 1           | 5                          | 3                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27               | 202°                    | 24           | 13          | 7                          | 1                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28               | 202°                    | 19           | 9           | 24                         | 13                         |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | W29<br>W30        | 202°<br>22°N            | 13<br>1      | 11<br>0     | 19                         | 9                          |
|            |           |                |               |           |                   |                         |              |             | 14                         | 11                         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W32         | 202°<br>22°N            | 9<br>1       | 7<br>0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                | 202°                    | 16           | 5           | 10                         | 7                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                | 202°                    | 19           | 5           | 16                         | 5                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4                | 292°N                   | 0            | 0           | 19                         | 5                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5                | 292°N                   | 2            | 0           | 0                          | 0                          |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W6          | 292°N              | 0      | 0      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 1      | 0      | 2                          | 0                          |
|            |           |                |               |           | W8          | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W9          | 292°N              | 4      | 0      | 4                          | 0                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 4      | 0      | 4                          | 0                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 7      | 0      | 7                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W13         | 292°N              | 6      | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 18     | 10     |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 202°               | 23     | 7      | 27                         | 10                         |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 202°               | 26     | 11     | 23                         | 7                          |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 202°               | 27     | 10     | 26                         | 11                         |
|            |           |                |               |           | W18         | 112°               | 13     | 6      |                            |                            |
|            |           |                |               |           | W19         | 112°               | 5      | 3      |                            |                            |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 18     | 5      | 39                         | 15                         |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 16     | 6      | 18                         | 5                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 112°               | 14     | 5      | 16                         | 6                          |
|            |           |                |               |           | W23         | 112°               | 1      | 1      |                            |                            |
|            |           |                |               |           | W24         | 112°               | 6      | 5      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 112°               | 3      | 0      | 15                         | 6                          |
|            |           |                |               |           | W26         | 112°               | 5      | 5      |                            |                            |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 112°               | 7      | 2      | 8                          | 5                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 202°               | 23     | 12     | 7                          | 2                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 202°               | 19     | 8      | 23                         | 12                         |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W30         | 202°               | 14     | 12     | 19                         | 8                          |
|            |           |                |               |           | W31         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 15                         | 12                         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 11     | 9      |                            |                            |
|            |           |                |               |           | W32         | 22°N               | 1      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 17     | 6      | 12                         | 9                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 21     | 7      | 17                         | 6                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 292°N              | 1      | 0      | 21                         | 7                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 2      | 0      | 1                          | 0                          |
|            |           |                |               |           | W6          | 292°N              | 0      | 0      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 1      | 0      | 2                          | 0                          |
|            |           |                |               |           | W8          | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W9          | 292°N              | 4      | 0      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 5      | 0      | 4                          | 0                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 7      | 0      | 5                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 11     | 0      | 7                          | 0                          |
|            |           |                |               |           | W13         | 292°N              | 8      | 0      |                            |                            |

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use.   | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|---------------|----------------|---------------|-------------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |               |                |               |             | W14         | 202°               | 21     | 13     |                            |                            |
|            | R10           | Floorplan-Dwg  | Residential   | Bedroom     | W15         | 202°               | 25     | 9      | 31                         | 13                         |
|            | R11           | Floorplan-Dwg  | Residential   | Bedroom     | W16         | 202°               | 29     | 14     | 25                         | 9                          |
|            | R12           | Floorplan-Dwg  | Residential   | LKD         | W17         | 202°               | 32     | 14     | 29                         | 14                         |
|            |               |                |               |             | W18         | 112°               | 18     | 10     |                            |                            |
|            |               |                |               |             | W19         | 112°               | 8      | 5      |                            |                            |
|            | R13           | Floorplan-Dwg  | Residential   | Bedroom     | W20         | 112°               | 21     | 6      | 49                         | 23                         |
|            | R14           | Floorplan-Dwg  | Residential   | Bedroom     | W21         | 112°               | 18     | 6      | 21                         | 6                          |
|            | R15           | Floorplan-Dwg  | Residential   | LKD         | W22         | 112°               | 17     | 6      | 18                         | 6                          |
|            |               |                |               |             | W23         | 112°               | 2      | 2      |                            |                            |
|            |               |                |               |             | W24         | 112°               | 10     | 7      |                            |                            |
|            | R16           | Floorplan-Dwg  | Residential   | LKD         | W25         | 112°               | 4      | 1      | 19                         | 8                          |
|            |               |                |               |             | W26         | 112°               | 7      | 5      |                            |                            |
|            | R17           | Floorplan-Dwg  | Residential   | Bedroom     | W27         | 112°               | 10     | 2      | 11                         | 6                          |
|            | R18           | Floorplan-Dwg  | Residential   | Bedroom     | W28         | 202°               | 24     | 13     | 10                         | 2                          |
|            | R19           | Floorplan-Dwg  | Residential   | Bedroom     | W29         | 202°               | 19     | 8      | 24                         | 13                         |
|            | R20           | Floorplan-Dwg  | Residential   | LKD         | W30         | 202°               | 17     | 15     | 19                         | 8                          |
|            |               |                |               |             | W31         | 22°N               | 1      | 0      |                            |                            |
|            |               |                |               |             |             |                    |        |        | 18                         | 15                         |
|            | Fourth        | R1             | Floorplan-Dwg | Residential | LKD         | W1                 | 202°   | 16     | 11                         |                            |
|            |               |                |               |             | W32         | 22°N               | 1      | 0      |                            |                            |
|            |               |                |               |             |             |                    |        |        | 17                         | 11                         |
| R2         |               | Floorplan-Dwg  | Residential   | Bedroom     | W2          | 202°               | 24     | 8      | 24                         | 8                          |
| R3         |               | Floorplan-Dwg  | Residential   | Bedroom     | W3          | 202°               | 23     | 7      | 23                         | 7                          |
| R4         |               | Floorplan-Dwg  | Residential   | Bedroom     | W4          | 292°N              | 1      | 0      | 1                          | 0                          |
| R5         |               | Floorplan-Dwg  | Residential   | LKD         | W5          | 292°N              | 2      | 0      |                            |                            |
|            |               |                |               |             | W6          | 292°N              | 0      | 0      |                            |                            |
|            |               |                |               |             |             |                    |        |        | 2                          | 0                          |
| R6         |               | Floorplan-Dwg  | Residential   | LKD         | W7          | 292°N              | 2      | 0      |                            |                            |
|            |               |                |               |             | W8          | 292°N              | 0      | 0      |                            |                            |
|            |               |                |               |             | W9          | 292°N              | 3      | 0      | 4                          | 0                          |
| R7         |               | Floorplan-Dwg  | Residential   | Bedroom     | W10         | 292°N              | 1      | 0      | 1                          | 0                          |
| R8         | Floorplan-Dwg | Residential    | Bedroom       | W11         | 292°N       | 8                  | 0      | 8      | 0                          |                            |
| R9         | Floorplan-Dwg | Residential    | LKD           | W12         | 292°N       | 12                 | 0      |        |                            |                            |
|            |               |                |               | W13         | 292°N       | 8                  | 0      |        |                            |                            |
|            |               |                |               | W14         | 202°        | 42                 | 16     |        |                            |                            |
|            |               |                |               |             |             |                    |        | 53     | 16                         |                            |
| R10        | Floorplan-Dwg | Residential    | Bedroom       | W15         | 202°        | 30                 | 12     | 30     | 12                         |                            |
| R11        | Floorplan-Dwg | Residential    | Bedroom       | W16         | 202°        | 31                 | 16     | 31     | 16                         |                            |
| R12        | Floorplan-Dwg | Residential    | LKD           | W17         | 202°        | 33                 | 15     |        |                            |                            |
|            |               |                |               | W18         | 112°        | 35                 | 11     |        |                            |                            |
|            |               |                |               | W19         | 112°        | 25                 | 6      |        |                            |                            |
|            |               |                |               |             |             |                    |        | 68     | 25                         |                            |
| R13        | Floorplan-Dwg | Residential    | Bedroom       | W20         | 112°        | 27                 | 9      |        |                            |                            |
|            |               |                |               |             |             |                    |        | 27     | 9                          |                            |

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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 7      | 5      | 7                          | 5                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 112°               | 21     | 4      |                            |                            |
|            |           |                |               |           | W23         | 112°               | 8      | 2      |                            |                            |
|            |           |                |               |           | W24         | 112°               | 15     | 7      | 26                         | 8                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 112°               | 10     | 1      |                            |                            |
|            |           |                |               |           | W26         | 112°               | 13     | 5      | 19                         | 6                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 112°               | 15     | 2      | 15                         | 2                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 202°               | 24     | 13     | 24                         | 13                         |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 202°               | 20     | 8      | 20                         | 8                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W30         | 202°               | 20     | 15     |                            |                            |
|            |           |                |               |           | W31         | 22°N               | 1      | 0      | 21                         | 15                         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W2          | 292°N              | 0      | 0      | 0                          | 0                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W4          | 292°N              | 0      | 0      | 0                          | 0                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 0      | 0      | 0                          | 0                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 292°N              | 1      | 0      |                            |                            |
|            |           |                |               |           | W7          | 292°N              | 0      | 0      | 1                          | 0                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 292°N              | 1      | 0      |                            |                            |
|            |           |                |               |           | W9          | 292°N              | 5      | 0      |                            |                            |
|            |           |                |               |           | W10         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W11         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W12         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W13         | 202°               | 42     | 19     | 48                         | 20                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 202°               | 42     | 19     |                            |                            |
|            |           |                |               |           | W15         | 202°               | 42     | 19     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 42     | 19     |                            |                            |
|            |           |                |               |           | W17         | 202°               | 42     | 19     |                            |                            |
|            |           |                |               |           | W18         | 112°               | 19     | 7      |                            |                            |
|            |           |                |               |           | W19         | 112°               | 8      | 5      | 59                         | 24                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 19     | 4      |                            |                            |
|            |           |                |               |           | W21         | 112°               | 15     | 3      | 26                         | 4                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 9      | 3      | 9                          | 3                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 112°               | 11     | 3      |                            |                            |
|            |           |                |               |           | W24         | 112°               | 13     | 2      | 14                         | 3                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 112°               | 27     | 2      |                            |                            |
|            |           |                |               |           | W26         | 112°               | 27     | 2      | 27                         | 2                          |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W2          | 292°N              | 0      | 0      | 0                          | 0                          |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W4          | 292°N              | 0      | 0      | 0                          | 0                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 0      | 0      | 0                          | 0                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 292°N              | 1      | 0      |                            |                            |
|            |           |                |               |           | W7          | 292°N              | 0      | 0      |                            |                            |

Date of Analysis: 18/05/2020

**robinsons**  
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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W8          | 292°N              | 2      | 1      | 1                          | 0                          |
|            |               |                |               |           | W9          | 292°N              | 6      | 1      |                            |                            |
|            |               |                |               |           | W10         | 202°               | 43     | 20     |                            |                            |
|            |               |                |               |           | W11         | 202°               | 43     | 20     |                            |                            |
|            |               |                |               |           | W12         | 202°               | 43     | 20     |                            |                            |
|            |               |                |               |           | W13         | 202°               | 43     | 20     |                            |                            |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W14         | 202°               | 43     | 20     | 49                         | 21                         |
|            |               |                |               |           | W15         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W16         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W17         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W18         | 112°               | 24     | 7      |                            |                            |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 112°               | 13     | 6      | 66                         | 27                         |
|            |               |                |               |           | W20         | 112°               | 24     | 5      |                            |                            |
|            |               |                |               |           | W21         | 112°               | 20     | 4      |                            |                            |
|            |               |                |               |           | W22         | 112°               | 12     | 3      |                            |                            |
|            |               |                |               |           | W23         | 112°               | 13     | 3      |                            |                            |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 112°               | 16     | 3      | 31                         | 5                          |
|            |               |                |               |           | W25         | 112°               | 31     | 4      |                            |                            |
|            | R9            | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 31     | 4      | 12                         | 3                          |
|            | R10           | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 112°               | 31     | 4      | 16                         | 3                          |
|            |               |                |               |           |             |                    |        |        | 31                         | 4                          |
| Seventh    | R1            | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 3      | 0      | 3                          | 0                          |
|            |               |                |               |           | W2          | 292°N              | 3      | 0      |                            |                            |
|            | R2            | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 3      | 0      | 3                          | 0                          |
|            |               |                |               |           | W4          | 292°N              | 3      | 0      |                            |                            |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 3      | 0      | 3                          | 0                          |
|            |               |                |               |           | W6          | 292°N              | 3      | 0      |                            |                            |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 292°N              | 3      | 0      | 3                          | 0                          |
|            |               |                |               |           | W8          | 292°N              | 8      | 1      |                            |                            |
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W9          | 292°N              | 8      | 1      | 3                          | 0                          |
|            |               |                |               |           | W10         | 202°               | 43     | 20     |                            |                            |
|            |               |                |               |           | W11         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W12         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W13         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W14         | 202°               | 44     | 21     |                            |                            |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W15         | 202°               | 44     | 21     | 52                         | 22                         |
|            |               |                |               |           | W16         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W17         | 202°               | 44     | 21     |                            |                            |
|            |               |                |               |           | W18         | 112°               | 39     | 9      |                            |                            |
|            |               |                |               |           | W19         | 112°               | 37     | 9      |                            |                            |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 33     | 6      | 80                         | 28                         |
| W21        |               |                |               |           | 112°        | 32                 | 5      |        |                            |                            |
| R8         | Floorplan-Dwg | Residential    | Bedroom       | W22       | 112°        | 32                 | 5      | 33     | 6                          |                            |
|            |               |                |               | W23       | 112°        | 32                 | 5      |        |                            |                            |
| R9         | Floorplan-Dwg | Residential    | LKD           | W24       | 112°        | 31                 | 4      | 32     | 5                          |                            |
|            |               |                |               | W25       | 112°        | 31                 | 4      |        |                            |                            |
| R10        | Floorplan-Dwg | Residential    | Bedroom       | W26       | 112°        | 32                 | 5      | 31     | 4                          |                            |
|            |               |                |               | W27       | 112°        | 32                 | 5      |        |                            |                            |
|            |               |                |               |           |             |                    |        |        | 32                         | 5                          |
| Building 7 |               |                |               |           |             |                    |        |        |                            |                            |

Project Name: Hillingdon Gateway  
 Project No.: Release 06  
 Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
 Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
| Ground     | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 202°               | 34     | 12     | 38                         | 12                         |
|            |           |                |               |           | W2          | 202°               | 35     | 10     |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 34     | 11     | 38                         | 12                         |
|            |           |                |               |           | W4          | 202°               | 36     | 11     |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 202°               | 35     | 11     | 37                         | 11                         |
|            |           |                |               |           | W6          | 202°               | 34     | 9      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W7          | 202°               | 14     | 7      | 14                         | 7                          |
|            |           |                |               |           | W8          | 202°               | 7      | 7      |                            |                            |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 13     | 9      | 14                         | 9                          |
|            |           |                |               |           | W31         | 22°N               | 1      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 15     | 5      | 15                         | 5                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 292°N              | 2      | 0      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | LKD       | W4          | 292°N              | 4      | 0      | 2                          | 0                          |
|            |           |                |               |           | W5          | 292°N              | 2      | 0      |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W6          | 292°N              | 4      | 0      | 4                          | 0                          |
|            |           |                |               |           | W7          | 292°N              | 2      | 0      |                            |                            |
|            |           |                |               |           | W8          | 292°N              | 8      | 0      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 7      | 0      | 8                          | 0                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 7      | 0      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W11         | 292°N              | 17     | 3      | 7                          | 0                          |
|            |           |                |               |           | W12         | 292°N              | 8      | 0      |                            |                            |
|            |           |                |               |           | W13         | 202°               | 15     | 8      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 202°               | 32     | 9      | 25                         | 8                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 202°               | 34     | 11     |                            |                            |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W16         | 202°               | 33     | 9      | 32                         | 9                          |
|            |           |                |               |           | W17         | 112°               | 6      | 4      |                            |                            |
|            |           |                |               |           | W18         | 112°               | 6      | 4      |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 112°               | 20     | 4      | 34                         | 11                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 16     | 4      |                            |                            |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | W21         | 112°               | 13     | 3      | 39                         | 13                         |
|            |           |                |               |           | W22         | 112°               | 0      | 0      |                            |                            |
|            |           |                |               |           | W23         | 112°               | 6      | 5      |                            |                            |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 2      | 0      | 15                         | 5                          |
|            |           |                |               |           | W25         | 112°               | 4      | 4      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 112°               | 7      | 1      | 6                          | 4                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 202°               | 23     | 12     |                            |                            |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 202°               | 17     | 7      | 7                          | 1                          |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | W29         | 202°               | 12     | 10     |                            |                            |
|            |           |                |               |           | W30         | 22°N               | 1      | 0      |                            |                            |
| Second     |           |                |               |           |             |                    |        |        | 13                         | 10                         |
|            | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 14     | 10     |                            |                            |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W32         | 22°N               | 1      | 0      | 15                         | 10                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 17     | 6      | 17                         | 6                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 24     | 7      | 24                         | 7                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 292°N              | 3      | 0      | 3                          | 0                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 5      | 0      | 5                          | 0                          |
|            |           |                |               |           | W6          | 292°N              | 2      | 0      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 4      | 0      | 8                          | 0                          |
|            |           |                |               |           | W8          | 292°N              | 2      | 0      |                            |                            |
|            |           |                |               |           | W9          | 292°N              | 8      | 0      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 9      | 0      | 9                          | 0                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 9      | 0      | 9                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 10     | 0      |                            |                            |
|            |           |                |               |           | W13         | 292°N              | 6      | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 20     | 12     | 29                         | 12                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 202°               | 29     | 13     | 29                         | 13                         |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 202°               | 29     | 14     | 29                         | 14                         |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 202°               | 30     | 12     | 45                         | 20                         |
|            |           |                |               |           | W18         | 112°               | 16     | 9      | 18                         | 5                          |
|            |           |                |               |           | W19         | 112°               | 6      | 4      | 16                         | 6                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 18     | 5      | 16                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 16     | 6      | 16                         | 6                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 112°               | 14     | 5      | 16                         | 7                          |
|            |           |                |               |           | W23         | 112°               | 1      | 1      |                            |                            |
|            |           |                |               |           | W24         | 112°               | 7      | 6      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 112°               | 3      | 0      | 8                          | 5                          |
|            |           |                |               |           | W26         | 112°               | 5      | 5      | 7                          | 2                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 112°               | 7      | 2      | 7                          | 2                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 202°               | 22     | 11     | 22                         | 11                         |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 202°               | 19     | 8      | 19                         | 8                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W30         | 202°               | 14     | 12     |                            |                            |
|            |           |                |               |           | W31         | 22°N               | 1      | 0      | 15                         | 12                         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 16     | 12     | 17                         | 12                         |
|            |           |                |               |           | W32         | 22°N               | 1      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 19     | 7      | 19                         | 7                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 26     | 9      | 26                         | 9                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 292°N              | 4      | 1      | 4                          | 1                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 6      | 1      |                            |                            |
|            |           |                |               |           | W6          | 292°N              | 2      | 0      | 6                          | 1                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 5      | 1      |                            |                            |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W8          | 292°N              | 2      | 0      |                            |                            |
|            |           |                |               |           | W9          | 292°N              | 5      | 0      | 8                          | 1                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 11     | 0      | 11                         | 0                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 11     | 0      | 11                         | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 13     | 0      |                            |                            |
|            |           |                |               |           | W13         | 292°N              | 8      | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 22     | 14     | 34                         | 14                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 202°               | 30     | 13     | 30                         | 13                         |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 202°               | 31     | 16     | 31                         | 16                         |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W17         | 202°               | 33     | 15     |                            |                            |
|            |           |                |               |           | W18         | 112°               | 18     | 10     |                            |                            |
|            |           |                |               |           | W19         | 112°               | 8      | 5      | 50                         | 24                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 21     | 6      | 21                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 18     | 6      | 18                         | 6                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W22         | 112°               | 17     | 6      |                            |                            |
|            |           |                |               |           | W23         | 112°               | 2      | 2      |                            |                            |
|            |           |                |               |           | W24         | 112°               | 10     | 7      | 19                         | 8                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W25         | 112°               | 4      | 1      | 11                         | 6                          |
|            |           |                |               |           | W26         | 112°               | 7      | 5      | 10                         | 2                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 112°               | 10     | 2      | 25                         | 13                         |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 202°               | 25     | 13     | 20                         | 8                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 202°               | 20     | 8      |                            |                            |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W30         | 202°               | 17     | 15     | 18                         | 15                         |
|            |           |                |               |           | W31         | 22°N               | 1      | 0      |                            |                            |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 21     | 13     |                            |                            |
|            |           |                |               |           | W32         | 22°N               | 1      | 0      | 22                         | 13                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 24     | 8      | 24                         | 8                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 27     | 9      | 27                         | 9                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 292°N              | 8      | 1      | 8                          | 1                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 10     | 1      |                            |                            |
|            |           |                |               |           | W6          | 292°N              | 3      | 0      | 10                         | 1                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 10     | 1      |                            |                            |
|            |           |                |               |           | W8          | 292°N              | 4      | 0      |                            |                            |
|            |           |                |               |           | W9          | 292°N              | 8      | 1      | 13                         | 1                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 8      | 1      | 8                          | 1                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 12     | 1      | 12                         | 1                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 13     | 0      |                            |                            |
|            |           |                |               |           | W13         | 292°N              | 8      | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 45     | 19     | 57                         | 19                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 202°               | 33     | 15     |                            |                            |



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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                            | Window Orientation                             | Annual                          | Winter                         | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|----------------------------------------|------------------------------------------------|---------------------------------|--------------------------------|----------------------------|----------------------------|
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W16                                    | 202°                                           | 33                              | 18                             | 33                         | 15                         |
|            | R12       | Floorplan-Dwg  | Residential   | LKD       | W17<br>W18<br>W19                      | 202°<br>112°<br>112°                           | 35<br>35<br>24                  | 17<br>11<br>6                  | 33                         | 18                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W20                                    | 112°                                           | 26                              | 9                              | 69                         | 27                         |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W21                                    | 112°                                           | 6                               | 5                              | 26                         | 9                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W22<br>W23<br>W24                      | 112°<br>112°<br>112°                           | 20<br>19<br>28                  | 4<br>2<br>7                    | 6                          | 5                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W25<br>W26                             | 112°<br>112°                                   | 17<br>26                        | 1<br>5                         | 31                         | 8                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W27                                    | 112°                                           | 16                              | 3                              | 28                         | 6                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W28                                    | 202°                                           | 26                              | 13                             | 16                         | 3                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W29                                    | 202°                                           | 22                              | 9                              | 26                         | 13                         |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W30<br>W31                             | 202°<br>22°N                                   | 21<br>1                         | 16<br>0                        | 22                         | 9                          |
|            |           |                |               |           |                                        |                                                |                                 |                                | 22                         | 16                         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1<br>W2                               | 292°N<br>292°N                                 | 4<br>4                          | 0<br>0                         |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3<br>W4                               | 292°N<br>292°N                                 | 4<br>4                          | 0<br>0                         | 4                          | 0                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5                                     | 292°N                                          | 4                               | 0                              | 4                          | 0                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6<br>W7                               | 292°N<br>292°N                                 | 5<br>4                          | 0<br>0                         | 4                          | 0                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W8<br>W9<br>W10<br>W11<br>W12<br>W13   | 292°N<br>292°N<br>202°<br>202°<br>202°<br>202° | 7<br>12<br>43<br>43<br>43<br>43 | 1<br>1<br>20<br>20<br>20<br>20 | 7                          | 0                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15<br>W16<br>W17<br>W18<br>W19 | 202°<br>202°<br>202°<br>202°<br>112°<br>112°   | 43<br>43<br>44<br>44<br>19<br>9 | 20<br>20<br>21<br>21<br>7<br>5 | 55                         | 21                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20<br>W21                             | 112°<br>112°                                   | 19<br>25                        | 4<br>3                         | 61                         | 26                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22                                    | 112°                                           | 26                              | 3                              | 26                         | 4                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W23<br>W24                             | 112°<br>112°                                   | 28<br>27                        | 3<br>2                         | 26                         | 3                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25<br>W26                             | 112°<br>112°                                   | 27<br>27                        | 2<br>2                         | 28                         | 3                          |
|            |           |                |               |           |                                        |                                                |                                 |                                | 27                         | 2                          |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1                                     | 292°N                                          | 6                               | 0                              |                            |                            |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           |                |               |           | W2          | 292°N              | 6      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 6      | 0      | 6                          | 0                          |
|            |           |                |               |           | W4          | 292°N              | 6      | 0      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 6      | 0      | 6                          | 0                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 292°N              | 7      | 0      | 6                          | 0                          |
|            |           |                |               |           | W7          | 292°N              | 5      | 0      |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 292°N              | 7      | 1      | 8                          | 0                          |
|            |           |                |               |           | W9          | 292°N              | 9      | 1      |                            |                            |
|            |           |                |               |           | W10         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W11         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W12         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W13         | 202°               | 44     | 21     |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 202°               | 44     | 21     | 53                         | 22                         |
|            |           |                |               |           | W15         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W17         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W18         | 112°               | 15     | 7      |                            |                            |
|            |           |                |               |           | W19         | 112°               | 13     | 5      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 23     | 4      | 57                         | 26                         |
|            |           |                |               |           | W21         | 112°               | 28     | 3      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 28     | 3      | 30                         | 4                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 112°               | 30     | 3      | 28                         | 3                          |
|            |           |                |               |           | W24         | 112°               | 30     | 3      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 112°               | 30     | 3      | 30                         | 3                          |
|            |           |                |               |           | W26         | 112°               | 30     | 3      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 30                         | 3                          |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 8      | 0      |                            |                            |
|            |           |                |               |           | W2          | 292°N              | 8      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 8      | 0      | 8                          | 0                          |
|            |           |                |               |           | W4          | 292°N              | 9      | 0      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 9      | 0      | 9                          | 0                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 292°N              | 9      | 0      | 9                          | 0                          |
|            |           |                |               |           | W7          | 292°N              | 9      | 0      |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 292°N              | 15     | 2      | 9                          | 0                          |
|            |           |                |               |           | W9          | 292°N              | 15     | 2      |                            |                            |
|            |           |                |               |           | W10         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W11         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W12         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W13         | 202°               | 44     | 21     |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 202°               | 44     | 21     | 59                         | 23                         |
|            |           |                |               |           | W15         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W17         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W18         | 112°               | 37     | 9      |                            |                            |
|            |           |                |               |           | W19         | 112°               | 37     | 9      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 33     | 6      | 78                         | 28                         |
|            |           |                |               |           | W21         | 112°               | 32     | 5      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 32     | 5      | 33                         | 6                          |

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| Floor Ref.        | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.                     | Window Orientation                     | Annual                  | Winter                | Total Suns per Room Annual | Total Suns per Room Winter |
|-------------------|-----------|----------------|---------------|-----------|---------------------------------|----------------------------------------|-------------------------|-----------------------|----------------------------|----------------------------|
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | W23<br>W24                      | 112°<br>112°                           | 31<br>31                | 4<br>4                | 32                         | 5                          |
|                   | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25<br>W26                      | 112°<br>112°                           | 32<br>31                | 5<br>4                | 31                         | 4                          |
|                   |           |                |               |           |                                 |                                        |                         |                       | 32                         | 5                          |
| <b>Building 8</b> |           |                |               |           |                                 |                                        |                         |                       |                            |                            |
| Ground            | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1<br>W2                        | 202°<br>202°                           | 31<br>33                | 8<br>7                | 37                         | 9                          |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W3<br>W4                        | 202°<br>202°                           | 32<br>33                | 8<br>6                |                            |                            |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5<br>W6                        | 202°<br>202°                           | 33<br>34                | 8<br>7                | 38                         | 9                          |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | W7<br>W8                        | 202°<br>202°                           | 9<br>3                  | 3<br>2                | 37                         | 8                          |
|                   | R5        | Floorplan-Dwg  | Residential   | LKD       | W9<br>W10<br>W11<br>W12         | 202°<br>202°<br>112°<br>112°           | 21<br>5<br>15<br>15     | 0<br>1<br>6<br>6      | 10                         | 3                          |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W13                             | 112°                                   | 20                      | 6                     | 38                         | 7                          |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W14                             | 112°                                   | 18                      | 6                     | 20                         | 6                          |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W15                             | 112°                                   | 12                      | 6                     | 18                         | 6                          |
|                   |           |                |               |           |                                 |                                        |                         |                       | 12                         | 6                          |
| First             | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W32                       | 202°<br>22°N                           | 14<br>1                 | 10<br>0               | 15                         | 10                         |
|                   | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                              | 202°                                   | 12                      | 5                     |                            |                            |
|                   | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                              | 292°N                                  | 2                       | 0                     | 12                         | 5                          |
|                   | R4        | Floorplan-Dwg  | Residential   | LKD       | W4<br>W5                        | 292°N<br>292°N                         | 1<br>2                  | 0<br>0                | 2                          | 0                          |
|                   | R5        | Floorplan-Dwg  | Residential   | LKD       | W6<br>W7                        | 292°N<br>292°N                         | 4<br>2                  | 0<br>0                | 2                          | 0                          |
|                   | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W8                              | 292°N                                  | 4                       | 0                     | 5                          | 0                          |
|                   | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9                              | 292°N                                  | 4                       | 0                     | 4                          | 0                          |
|                   | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10                             | 292°N                                  | 6                       | 0                     | 4                          | 0                          |
|                   | R9        | Floorplan-Dwg  | Residential   | LKD       | W11<br>W12<br>W13<br>W14<br>W15 | 292°N<br>292°N<br>202°<br>202°<br>202° | 12<br>7<br>9<br>6<br>26 | 0<br>0<br>3<br>4<br>3 | 6                          | 0                          |
|                   | R10       | Floorplan-Dwg  | Residential   | LKD       | W16<br>W17<br>W18<br>W19        | 202°<br>202°<br>112°<br>112°           | 26<br>15<br>12<br>23    | 3<br>1<br>6<br>9      | 39                         | 5                          |
|                   | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W20                             | 112°                                   | 24                      | 6                     | 49                         | 12                         |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 24     | 6      | 24                         | 6                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 18     | 6      | 24                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | W23         | 112°               | 3      | 3      | 18                         | 6                          |
|            |           |                |               |           | W24         | 112°               | 6      | 6      | 8                          | 8                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W25         | 112°               | 3      | 0      | 5                          | 2                          |
|            |           |                |               |           | W26         | 112°               | 2      | 2      | 4                          | 0                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 112°               | 4      | 0      | 20                         | 11                         |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 202°               | 20     | 11     | 20                         | 11                         |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 202°               | 16     | 6      | 16                         | 6                          |
|            | R19       | Floorplan-Dwg  | Residential   | LKD       | W30         | 202°               | 6      | 4      | 7                          | 4                          |
|            |           |                |               |           | W31         | 22°N               | 1      | 0      |                            |                            |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 15     | 11     |                            |                            |
|            |           |                |               |           | W33         | 22°N               | 1      | 0      | 16                         | 11                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 13     | 5      | 13                         | 5                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 24     | 7      | 24                         | 7                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 292°N              | 3      | 0      | 3                          | 0                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 2      | 0      | 3                          | 0                          |
|            |           |                |               |           | W6          | 292°N              | 2      | 0      | 5                          | 0                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 4      | 0      | 4                          | 0                          |
|            |           |                |               |           | W8          | 292°N              | 2      | 0      | 5                          | 0                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 4      | 0      | 4                          | 0                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 5      | 0      | 5                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 7      | 0      | 7                          | 0                          |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 13     | 1      |                            |                            |
|            |           |                |               |           | W13         | 292°N              | 7      | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 15     | 7      |                            |                            |
|            |           |                |               |           | W15         | 202°               | 6      | 5      |                            |                            |
|            |           |                |               |           | W16         | 202°               | 31     | 8      | 46                         | 12                         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W17         | 202°               | 34     | 11     |                            |                            |
|            |           |                |               |           | W18         | 202°               | 22     | 7      |                            |                            |
|            |           |                |               |           | W19         | 112°               | 24     | 10     |                            |                            |
|            |           |                |               |           | W20         | 112°               | 12     | 6      | 57                         | 20                         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 25     | 6      | 25                         | 6                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 23     | 6      | 23                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 19     | 6      | 19                         | 6                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 3      | 3      | 9                          | 8                          |
|            |           |                |               |           | W25         | 112°               | 7      | 6      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 4      | 0      |                            |                            |
|            |           |                |               |           | W27         | 112°               | 2      | 2      | 6                          | 2                          |

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|------------|-----------|----------------|---------------|-----------|---------------------------------|----------------------------------------|--------------------------|-------------------------|----------------------------|----------------------------|
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28                             | 112°                                   | 10                       | 0                       | 10                         | 0                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29                             | 202°                                   | 20                       | 9                       | 20                         | 9                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W30                             | 202°                                   | 22                       | 9                       | 22                         | 9                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W31<br>W32                      | 202°<br>22°N                           | 7<br>1                   | 5<br>0                  | 8                          | 5                          |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W33                       | 202°<br>22°N                           | 16<br>1                  | 12<br>0                 | 17                         | 12                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                              | 202°                                   | 14                       | 5                       | 14                         | 5                          |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                              | 202°                                   | 26                       | 9                       | 26                         | 9                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4                              | 292°N                                  | 4                        | 1                       | 4                          | 1                          |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5<br>W6                        | 292°N<br>292°N                         | 2<br>3                   | 0<br>1                  | 4                          | 1                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7<br>W8                        | 292°N<br>292°N                         | 5<br>2                   | 1<br>0                  | 6                          | 1                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9                              | 292°N                                  | 6                        | 0                       | 6                          | 0                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10                             | 292°N                                  | 8                        | 0                       | 8                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W11                             | 292°N                                  | 8                        | 0                       | 8                          | 0                          |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W12<br>W13<br>W14<br>W15<br>W16 | 292°N<br>292°N<br>202°<br>202°<br>202° | 14<br>8<br>20<br>9<br>38 | 1<br>0<br>12<br>7<br>14 | 53                         | 18                         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W17<br>W18<br>W19<br>W20        | 202°<br>202°<br>112°<br>112°           | 39<br>28<br>25<br>14     | 16<br>13<br>11<br>6     | 63                         | 24                         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21                             | 112°                                   | 25                       | 6                       | 25                         | 6                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22                             | 112°                                   | 27                       | 6                       | 27                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23                             | 112°                                   | 24                       | 6                       | 24                         | 6                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25                      | 112°<br>112°                           | 6<br>14                  | 3<br>7                  | 18                         | 8                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W26<br>W27                      | 112°<br>112°                           | 14<br>4                  | 1<br>2                  | 18                         | 3                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28                             | 112°                                   | 16                       | 1                       | 16                         | 1                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29                             | 202°                                   | 24                       | 12                      | 24                         | 12                         |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W30                             | 202°                                   | 27                       | 11                      | 27                         | 11                         |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W31<br>W32                      | 202°<br>22°N                           | 11<br>1                  | 8<br>0                  | 12                         | 8                          |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W33                       | 202°<br>22°N                           | 21<br>1                  | 13<br>0                 |                            |                            |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 18     | 6      | 22                         | 13                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 28     | 10     | 18                         | 6                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 292°N              | 8      | 1      | 28                         | 10                         |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5          | 292°N              | 10     | 1      | 8                          | 1                          |
|            |           |                |               |           | W6          | 292°N              | 3      | 0      |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 9      | 1      | 10                         | 1                          |
|            |           |                |               |           | W8          | 292°N              | 4      | 0      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 292°N              | 4      | 0      | 10                         | 1                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 292°N              | 9      | 0      | 4                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 292°N              | 9      | 0      | 9                          | 0                          |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W12         | 292°N              | 15     | 1      | 9                          | 0                          |
|            |           |                |               |           | W13         | 292°N              | 9      | 0      |                            |                            |
|            |           |                |               |           | W14         | 202°               | 47     | 20     |                            |                            |
|            |           |                |               |           | W15         | 202°               | 38     | 18     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 43     | 18     |                            |                            |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W17         | 202°               | 43     | 20     | 63                         | 22                         |
|            |           |                |               |           | W18         | 202°               | 35     | 20     |                            |                            |
|            |           |                |               |           | W19         | 112°               | 42     | 11     |                            |                            |
|            |           |                |               |           | W20         | 112°               | 31     | 6      |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 33     | 6      | 79                         | 27                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 19     | 6      | 33                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 20     | 6      | 19                         | 6                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 28     | 3      | 20                         | 6                          |
|            |           |                |               |           | W25         | 112°               | 30     | 9      |                            |                            |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W26         | 112°               | 35     | 8      | 34                         | 9                          |
|            |           |                |               |           | W27         | 112°               | 24     | 4      |                            |                            |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 112°               | 24     | 7      | 36                         | 9                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W29         | 202°               | 27     | 14     | 24                         | 7                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W30         | 202°               | 31     | 15     | 27                         | 14                         |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W31         | 202°               | 33     | 10     | 31                         | 15                         |
|            |           |                |               |           | W32         | 22°N               | 1      | 0      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 34                         | 10                         |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 4      | 0      |                            |                            |
|            |           |                |               |           | W2          | 292°N              | 4      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 4      | 0      | 4                          | 0                          |
|            |           |                |               |           | W4          | 292°N              | 4      | 0      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 4      | 0      | 4                          | 0                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 292°N              | 5      | 0      | 4                          | 0                          |
|            |           |                |               |           | W7          | 292°N              | 4      | 0      |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W8          | 292°N              | 8      | 2      | 7                          | 0                          |
|            |           |                |               |           | W9          | 292°N              | 12     | 1      |                            |                            |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            |           | Floorplan-Dwg  | Residential   | LKD       | W10         | 202°               | 43     | 20     | 56                         | 22                         |
|            |           |                |               |           | W11         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W12         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W13         | 202°               | 43     | 20     |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W14         | 202°               | 43     | 20     | 67                         | 27                         |
|            |           |                |               |           | W15         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 43     | 20     |                            |                            |
|            |           |                |               |           | W17         | 202°               | 43     | 20     |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 112°               | 27     | 9      | 33                         | 6                          |
|            |           |                |               |           | W19         | 112°               | 15     | 7      |                            |                            |
|            |           |                |               |           | W20         | 112°               | 26     | 6      |                            |                            |
|            |           |                |               |           | W21         | 112°               | 33     | 6      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 33     | 6      | 33                         | 6                          |
|            |           |                |               |           | W23         | 112°               | 33     | 6      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 33     | 6      | 33                         | 6                          |
|            |           |                |               |           | W25         | 112°               | 32     | 5      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 112°               | 31     | 4      | 32                         | 5                          |
|            |           |                |               |           |             |                    |        |        |                            |                            |
| Sixth      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 6      | 0      | 6                          | 0                          |
|            |           |                |               |           | W2          | 292°N              | 6      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 6      | 0      | 6                          | 0                          |
|            |           |                |               |           | W4          | 292°N              | 6      | 0      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 6      | 0      | 6                          | 0                          |
|            |           |                |               |           | W6          | 292°N              | 7      | 0      |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 292°N              | 5      | 0      | 8                          | 0                          |
|            |           |                |               |           | W8          | 292°N              | 8      | 2      |                            |                            |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W9          | 292°N              | 10     | 2      | 57                         | 23                         |
|            |           |                |               |           | W10         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W11         | 202°               | 46     | 19     |                            |                            |
|            |           |                |               |           | W12         | 202°               | 44     | 21     |                            |                            |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W13         | 202°               | 44     | 21     | 59                         | 28                         |
|            |           |                |               |           | W14         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W15         | 202°               | 44     | 21     |                            |                            |
|            |           |                |               |           | W16         | 202°               | 44     | 21     |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 202°               | 44     | 21     | 33                         | 6                          |
|            |           |                |               |           | W18         | 112°               | 17     | 9      |                            |                            |
|            |           |                |               |           | W19         | 112°               | 15     | 7      |                            |                            |
|            |           |                |               |           | W20         | 112°               | 26     | 6      |                            |                            |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 33     | 6      | 33                         | 6                          |
|            |           |                |               |           | W22         | 112°               | 33     | 6      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W23         | 112°               | 33     | 6      | 33                         | 6                          |
|            |           |                |               |           | W24         | 112°               | 33     | 6      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 112°               | 33     | 6      | 33                         | 6                          |
|            |           |                |               |           | W26         | 112°               | 33     | 6      |                            |                            |
| Seventh    | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 292°N              | 8      | 0      | 8                          | 0                          |
|            |           |                |               |           | W2          | 292°N              | 8      | 0      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 292°N              | 9      | 0      | 10                         |                            |
|            |           |                |               |           | W4          | 292°N              | 10     | 0      |                            |                            |

Date of Analysis: 18/05/2020

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual      | Winter  | Total Suns per Room Annual | Total Suns per Room Winter |    |      |    |    |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|-------------|---------|----------------------------|----------------------------|----|------|----|----|
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 292°N              | 9           | 0       | 10                         | 0                          |    |      |    |    |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 292°N              | 9           | 0       | 9                          | 0                          |    |      |    |    |
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W7          | 292°N              | 10          | 0       | 10                         | 0                          |    |      |    |    |
|            |               |                |               |           | W8          | 292°N              | 16          | 2       |                            |                            |    |      |    |    |
|            |               |                |               |           | W9          | 292°N              | 16          | 2       |                            |                            |    |      |    |    |
|            |               |                |               |           | W10         | 202°               | 44          | 21      |                            |                            |    |      |    |    |
|            |               |                |               |           | W11         | 202°               | 46          | 20      |                            |                            |    |      |    |    |
|            |               |                |               |           | W12         | 202°               | 44          | 21      |                            |                            |    |      |    |    |
|            |               |                |               |           | W13         | 202°               | 44          | 21      |                            |                            |    |      |    |    |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W14         | 202°               | 44          | 21      | 62                         | 23                         |    |      |    |    |
|            |               |                |               |           | W15         | 202°               | 44          | 21      |                            |                            |    |      |    |    |
|            |               |                |               |           | W16         | 202°               | 44          | 21      |                            |                            |    |      |    |    |
|            |               |                |               |           | W17         | 202°               | 44          | 21      |                            |                            |    |      |    |    |
|            |               |                |               |           | W18         | 112°               | 37          | 9       |                            |                            |    |      |    |    |
|            |               |                |               |           | W19         | 112°               | 37          | 9       |                            |                            |    |      |    |    |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 112°               | 33          | 6       | 78                         | 28                         |    |      |    |    |
|            |               |                |               |           | W21         | 112°               | 33          | 6       |                            |                            |    |      |    |    |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 33          | 6       | 33                         | 6                          |    |      |    |    |
|            | R9            | Floorplan-Dwg  | Residential   | LKD       | W23         | 112°               | 33          | 6       | 33                         | 6                          |    |      |    |    |
|            |               |                |               |           | W24         | 112°               | 33          | 6       |                            |                            |    |      |    |    |
| R10        | Floorplan-Dwg | Residential    | Bedroom       | W25       | 112°        | 33                 | 6           | 33      | 6                          |                            |    |      |    |    |
|            |               |                |               | W26       | 112°        | 33                 | 6           |         |                            |                            |    |      |    |    |
|            |               |                |               |           |             |                    |             |         |                            |                            |    |      |    |    |
| Building 9 |               |                |               |           |             |                    |             |         |                            |                            |    |      |    |    |
| Ground     | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 10          | 8       | 10                         | 8                          |    |      |    |    |
|            | R2            | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 3           | 3       |                            |                            |    |      |    |    |
|            |               |                |               |           | W4          | 202°               | 37          | 14      |                            |                            |    |      |    |    |
|            |               |                |               |           | R3          | Floorplan-Dwg      | Residential | LKD     |                            |                            | W5 | 202° | 37 | 14 |
|            |               |                |               |           |             |                    |             |         |                            |                            | W6 | 202° | 40 | 16 |
|            |               |                |               |           |             |                    |             |         |                            |                            | W7 | 202° | 41 | 13 |
|            |               |                |               |           | W8          | 112°               | 32          | 15      |                            |                            |    |      |    |    |
|            |               |                |               |           | R4          | Floorplan-Dwg      | Residential | Bedroom |                            |                            | W9 | 112° | 13 | 6  |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 33          | 6       |                            |                            | 13 | 6    |    |    |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W11         | 112°               | 33          | 6       |                            |                            | 33 | 6    |    |    |
|            |               |                |               |           | W12         | 112°               | 28          | 14      |                            |                            |    |      |    |    |
|            | W13           | 22°N           | 1             | 0         | 42          | 14                 |             |         |                            |                            |    |      |    |    |
| R7         | Floorplan-Dwg | Residential    | Bedroom       | W14       | 22°N        | 1                  | 0           | 1       | 0                          |                            |    |      |    |    |
| R8         | Floorplan-Dwg | Residential    | Bedroom       | W15       | 22°N        | 1                  | 0           | 1       | 0                          |                            |    |      |    |    |
| R9         | Floorplan-Dwg | Residential    | Bedroom       | W16       | 22°N        | 1                  | 0           | 1       | 0                          |                            |    |      |    |    |
| R10        | Floorplan-Dwg | Residential    | Bedroom       | W3        | 202°        | 29                 | 13          | 1       | 0                          |                            |    |      |    |    |
|            |               |                |               |           |             |                    |             |         |                            |                            |    |      |    |    |
| First      | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 292°N              | 0           | 0       | 15                         | 13                         |    |      |    |    |
|            |               |                |               |           | W2          | 202°               | 14          | 12      |                            |                            |    |      |    |    |
|            |               |                |               |           | W3          | 202°               | 5           | 5       |                            |                            |    |      |    |    |
|            |               |                |               |           |             |                    |             |         |                            |                            |    |      |    |    |



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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 202°               | 38     | 15     | 38                         | 15                         |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 40     | 17     |                            |                            |
|            |           |                |               |           | W7          | 202°               | 34     | 18     |                            |                            |
|            |           |                |               |           | W8          | 202°               | 34     | 14     |                            |                            |
|            |           |                |               |           | W9          | 112°               | 32     | 15     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 13     | 6      | 67                         | 24                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 33     | 6      | 13                         | 6                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W12         | 112°               | 33     | 6      | 33                         | 6                          |
|            |           |                |               |           | W13         | 112°               | 28     | 14     |                            |                            |
|            |           |                |               |           | W14         | 22°N               | 1      | 0      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 22°N               | 1      | 0      | 42                         | 14                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 22°N               | 1      | 0      | 1                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 22°N               | 1      | 0      | 1                          | 0                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 202°               | 30     | 14     | 1                          | 0                          |
|            |           |                |               |           |             |                    |        |        | 30                         | 14                         |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W2          | 202°               | 15     | 13     |                            |                            |
|            |           |                |               |           | W3          | 202°               | 7      | 7      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 202°               | 33     | 18     | 16                         | 14                         |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 33     | 18     | 33                         | 18                         |
|            |           |                |               |           | W7          | 202°               | 35     | 19     |                            |                            |
|            |           |                |               |           | W8          | 202°               | 35     | 15     |                            |                            |
|            |           |                |               |           | W9          | 112°               | 32     | 15     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 13     | 6      | 61                         | 25                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 31     | 6      | 13                         | 6                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W12         | 112°               | 31     | 6      | 31                         | 6                          |
|            |           |                |               |           | W13         | 112°               | 28     | 14     |                            |                            |
|            |           |                |               |           | W14         | 22°N               | 1      | 0      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 22°N               | 1      | 0      | 40                         | 14                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16         | 22°N               | 1      | 0      | 1                          | 0                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 22°N               | 1      | 0      | 1                          | 0                          |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 202°               | 26     | 17     | 1                          | 0                          |
|            |           |                |               |           |             |                    |        |        | 26                         | 17                         |
| Third      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 292°N              | 1      | 0      |                            |                            |
|            |           |                |               |           | W2          | 202°               | 18     | 16     |                            |                            |
|            |           |                |               |           | W3          | 202°               | 10     | 9      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 202°               | 34     | 19     | 20                         | 16                         |
|            | R3        | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 34     | 19     | 34                         | 19                         |
|            |           |                |               |           | W7          | 202°               | 36     | 20     |                            |                            |
|            |           |                |               |           | W8          | 202°               | 37     | 17     |                            |                            |
|            |           |                |               |           | W9          | 112°               | 32     | 15     |                            |                            |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 13     | 6      | 63                         | 27                         |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 31     | 6      | 13                         | 6                          |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
Date of Analysis: 18/05/2020

| Floor Ref.  | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.           | Window Orientation            | Annual               | Winter               | Total Suns per Room Annual | Total Suns per Room Winter |
|-------------|-----------|----------------|---------------|-----------|-----------------------|-------------------------------|----------------------|----------------------|----------------------------|----------------------------|
|             | R6        | Floorplan-Dwg  | Residential   | LKD       | W12<br>W13<br>W14     | 112°<br>112°<br>22°N          | 31<br>28<br>1        | 6<br>14<br>0         | 31                         | 6                          |
|             | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15                   | 22°N                          | 1                    | 0                    | 40                         | 14                         |
|             | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16                   | 22°N                          | 1                    | 0                    | 1                          | 0                          |
|             | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17                   | 22°N                          | 1                    | 0                    | 1                          | 0                          |
|             | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4                    | 202°                          | 27                   | 18                   | 1                          | 0                          |
|             |           |                |               |           |                       |                               |                      |                      | 27                         | 18                         |
| Fourth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W2<br>W3        | 292°N<br>202°<br>202°         | 1<br>48<br>48        | 0<br>21<br>18        |                            |                            |
|             | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W5                    | 202°                          | 47                   | 21                   | 55                         | 22                         |
|             | R3        | Floorplan-Dwg  | Residential   | LKD       | W6<br>W7<br>W8<br>W9  | 202°<br>202°<br>202°<br>112°  | 47<br>48<br>48<br>48 | 21<br>21<br>18<br>15 | 47                         | 21                         |
|             | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W10                   | 112°                          | 34                   | 6                    | 90                         | 29                         |
|             | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W11                   | 112°                          | 34                   | 6                    | 34                         | 6                          |
|             | R6        | Floorplan-Dwg  | Residential   | LKD       | W12<br>W13<br>W14     | 112°<br>112°<br>22°N          | 34<br>48<br>1        | 6<br>15<br>0         | 34                         | 6                          |
|             | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W15                   | 22°N                          | 1                    | 0                    | 48                         | 15                         |
|             | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W16                   | 22°N                          | 1                    | 0                    | 1                          | 0                          |
|             | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W17                   | 22°N                          | 1                    | 0                    | 1                          | 0                          |
|             | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W4                    | 202°                          | 47                   | 21                   | 1                          | 0                          |
|             |           |                |               |           |                       |                               |                      |                      | 1                          | 0                          |
|             |           |                |               |           |                       |                               |                      |                      | 47                         | 21                         |
| Building 10 |           |                |               |           |                       |                               |                      |                      |                            |                            |
| Ground      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W2<br>W3<br>W37 | 202°<br>202°<br>202°<br>292°N | 55<br>58<br>49<br>20 | 27<br>23<br>23<br>4  |                            |                            |
|             | R2        | Floorplan-Dwg  | Residential   | LKD       | W4<br>W5<br>W6<br>W7  | 202°<br>202°<br>202°<br>112°  | 49<br>59<br>55<br>17 | 23<br>24<br>23<br>8  | 66                         | 27                         |
|             | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8                    | 112°                          | 4                    | 1                    | 68                         | 24                         |
|             | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9                    | 112°                          | 8                    | 0                    | 4                          | 1                          |
|             | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10<br>W11            | 112°<br>112°                  | 8<br>7               | 0<br>1               | 8                          | 0                          |
|             | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W12<br>W13            | 112°<br>112°                  | 16<br>6              | 5<br>6               | 10                         | 1                          |
|             | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W14                   | 112°                          | 1                    | 1                    | 18                         | 7                          |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 112°               | 9      | 3      | 1                          | 1                          |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W16         | 112°               | 6      | 2      | 9                          | 3                          |
|            |           |                |               |           | W17         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W18         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W19         | 22°N               | 0      | 0      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W20         | 22°N               | 0      | 0      | 7                          | 2                          |
|            |           |                |               |           | W21         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W22         | 22°N               | 2      | 0      |                            |                            |
|            |           |                |               |           | W23         | 292°N              | 4      | 1      |                            |                            |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W24         | 292°N              | 4      | 0      | 6                          | 1                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W25         | 292°N              | 0      | 0      | 4                          | 0                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 292°N              | 5      | 1      | 0                          | 0                          |
|            |           |                |               |           | W27         | 292°N              | 5      | 0      |                            |                            |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W28         | 292°N              | 6      | 1      | 9                          | 1                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W29         | 292°N              | 3      | 0      | 6                          | 1                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W30         | 292°N              | 7      | 2      | 3                          | 0                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W31         | 292°N              | 8      | 2      | 7                          | 2                          |
|            |           |                |               |           | W32         | 292°N              | 9      | 1      |                            |                            |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 6      | 3      | 13                         | 2                          |
|            |           |                |               |           | W34         | 292°N              | 7      | 1      |                            |                            |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W35         | 292°N              | 12     | 2      | 9                          | 3                          |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W36         | 292°N              | 7      | 2      | 12                         | 2                          |
|            |           |                |               |           |             |                    |        |        | 7                          | 2                          |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 55     | 27     |                            |                            |
|            |           |                |               |           | W2          | 202°               | 58     | 23     |                            |                            |
|            |           |                |               |           | W3          | 202°               | 49     | 23     |                            |                            |
|            |           |                |               |           | W44         | 292°N              | 21     | 4      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 202°               | 49     | 23     | 67                         | 27                         |
|            |           |                |               |           | W5          | 202°               | 60     | 24     |                            |                            |
|            |           |                |               |           | W6          | 202°               | 55     | 23     |                            |                            |
|            |           |                |               |           | W7          | 112°               | 22     | 9      |                            |                            |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 7      | 1      | 72                         | 24                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 112°               | 16     | 1      | 7                          | 1                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 17     | 4      | 16                         | 1                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 23     | 1      | 17                         | 4                          |
|            |           |                |               |           | W12         | 112°               | 31     | 4      |                            |                            |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 26     | 3      | 31                         | 4                          |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 21     | 4      | 26                         | 3                          |
|            |           |                |               |           | W15         | 112°               | 21     | 5      |                            |                            |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W16         | 112°               | 25     | 5      | 26                         | 5                          |
|            |           |                |               |           | W17         | 112°               | 12     | 5      |                            |                            |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 112°               | 23     | 5      | 26                         | 6                          |

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| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.              | Window Orientation            | Annual               | Winter              | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|--------------------------|-------------------------------|----------------------|---------------------|----------------------------|----------------------------|
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19<br>W20               | 112°<br>112°                  | 25<br>28             | 6<br>10             | 23                         | 5                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21                      | 112°                          | 19                   | 9                   | 31                         | 11                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22                      | 112°                          | 1                    | 1                   | 19                         | 9                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23                      | 112°                          | 11                   | 4                   | 1                          | 1                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25<br>W26<br>W27 | 112°<br>22°N<br>22°N<br>22°N  | 12<br>0<br>5<br>0    | 5<br>0<br>0<br>0    | 11                         | 4                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W28<br>W29<br>W30<br>W31 | 22°N<br>22°N<br>22°N<br>292°N | 0<br>0<br>4<br>5     | 0<br>0<br>0<br>1    | 13                         | 5                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32                      | 292°N                         | 6                    | 0                   | 9                          | 1                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33                      | 292°N                         | 1                    | 0                   | 6                          | 0                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34                      | 292°N                         | 11                   | 1                   | 1                          | 0                          |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35<br>W36               | 292°N<br>292°N                | 7<br>3               | 3<br>1              | 11                         | 1                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W37                      | 292°N                         | 16                   | 3                   | 8                          | 3                          |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | W38                      | 292°N                         | 8                    | 2                   | 16                         | 3                          |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39<br>W40               | 292°N<br>292°N                | 15<br>9              | 2<br>1              | 8                          | 2                          |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41                      | 292°N                         | 9                    | 3                   | 16                         | 2                          |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42                      | 292°N                         | 12                   | 2                   | 9                          | 3                          |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43                      | 292°N                         | 8                    | 2                   | 12                         | 2                          |
|            |           |                |               |           |                          |                               |                      |                     | 8                          | 2                          |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W2<br>W3<br>W44    | 202°<br>202°<br>202°<br>292°N | 55<br>58<br>49<br>21 | 27<br>23<br>23<br>4 |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W4<br>W5<br>W6<br>W7     | 202°<br>202°<br>202°<br>112°  | 49<br>62<br>55<br>29 | 23<br>26<br>23<br>9 | 67                         | 27                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8                       | 112°                          | 10                   | 1                   | 80                         | 26                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9                       | 112°                          | 21                   | 2                   | 10                         | 1                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10                      | 112°                          | 22                   | 5                   | 21                         | 2                          |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11<br>W12               | 112°<br>112°                  | 28<br>37             | 2<br>6              | 22                         | 5                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13                      | 112°                          | 30                   | 4                   | 38                         | 6                          |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W14                      | 112°                          | 24                   | 6                   | 30                         | 4                          |

Date of Analysis: 18/05/2020

**robinsons**  
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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |    |    |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|----|----|
|            | R9            | Floorplan-Dwg  | Residential   | LKD       | W15         | 112°               | 25     | 9      | 31                         | 9                          |    |    |
|            |               |                |               |           | W16         | 112°               | 29     | 8      |                            |                            |    |    |
|            |               |                |               |           | W17         | 112°               | 15     | 6      |                            |                            |    |    |
|            | R10           | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 112°               | 27     | 6      | 30                         | 9                          |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R11           | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 112°               | 31     | 9      | 27                         | 6                          |    |    |
|            |               |                |               |           | W20         | 112°               | 33     | 11     |                            |                            |    |    |
|            | R12           | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 27     | 10     | 37                         | 13                         |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R13           | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 9      | 4      | 27                         | 10                         |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R14           | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 9      | 4      | 9                          | 4                          |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R15           | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 21     | 7      | 16                         | 3                          |    |    |
|            |               |                |               |           | W25         | 22°N               | 0      | 0      |                            |                            |    |    |
|            |               |                |               |           | W26         | 22°N               | 5      | 0      |                            |                            |    |    |
|            |               |                |               |           | W27         | 22°N               | 0      | 0      |                            |                            |    |    |
|            | R16           | Floorplan-Dwg  | Residential   | LKD       | W28         | 22°N               | 0      | 0      | 21                         | 7                          |    |    |
|            |               |                |               |           | W29         | 22°N               | 0      | 0      |                            |                            |    |    |
|            |               |                |               |           | W30         | 22°N               | 6      | 0      |                            |                            |    |    |
|            |               |                |               |           | W31         | 292°N              | 6      | 1      |                            |                            |    |    |
|            | R17           | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 292°N              | 8      | 0      | 12                         | 1                          |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R18           | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 8      | 0      | 3                          | 0                          |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R19           | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 292°N              | 3      | 0      | 13                         | 1                          |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
| R20        | Floorplan-Dwg | Residential    | Bedroom       | W35       | 292°N       | 13                 | 1      | 9      | 3                          |                            |    |    |
|            |               |                |               | W36       | 292°N       | 4                  | 1      |        |                            |                            |    |    |
| R21        | Floorplan-Dwg | Residential    | LKD           | W37       | 292°N       | 9                  | 3      | 17     | 3                          |                            |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
| R22        | Floorplan-Dwg | Residential    | LKD           | W38       | 292°N       | 17                 | 3      | 8      | 2                          |                            |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
| R23        | Floorplan-Dwg | Residential    | Bedroom       | W39       | 292°N       | 8                  | 2      | 17     | 2                          |                            |    |    |
|            |               |                |               | W40       | 292°N       | 15                 | 2      |        |                            |                            |    |    |
| R24        | Floorplan-Dwg | Residential    | Bedroom       |           |             | 10                 | 1      | 9      | 3                          |                            |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
| R25        | Floorplan-Dwg | Residential    | Bedroom       | W41       | 292°N       | 9                  | 3      | 13     | 2                          |                            |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
| R26        | Floorplan-Dwg | Residential    | Bedroom       | W42       | 292°N       | 13                 | 2      | 8      | 2                          |                            |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
| Third      | R1            | Floorplan-Dwg  | Residential   | LKD       | W43         | 292°N              | 8      | 2      | 68                         | 27                         |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R2            | Floorplan-Dwg  | Residential   | LKD       | W4          | 202°               | 49     | 23     | 85                         | 27                         |    |    |
|            |               |                |               |           | W2          | 202°               | 58     | 23     |                            |                            |    |    |
|            |               |                |               |           | W3          | 202°               | 49     | 23     |                            |                            |    |    |
|            |               |                |               |           | W44         | 292°N              | 22     | 4      |                            |                            |    |    |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 202°               | 49     | 23     | 15                         | 4                          |    |    |
|            |               |                |               |           | W5          | 202°               | 63     | 27     |                            |                            |    |    |
|            |               |                |               |           | W6          | 202°               | 55     | 23     |                            |                            |    |    |
|            |               |                |               |           | W7          | 112°               | 35     | 11     |                            |                            |    |    |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 15     | 4      | 27                         | 6                          |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 112°               | 27     | 6      | 30                         | 10                         |    |    |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |
|            |               |                |               |           |             |                    | W10    | 112°   | 30                         | 10                         | 30 | 10 |
|            |               |                |               |           |             |                    |        |        |                            |                            |    |    |

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Project No.: Release 06

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|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 35     | 7      |                            |                            |
|            |           |                |               |           | W12         | 112°               | 44     | 11     | 45                         | 12                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 36     | 8      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 36                         | 8                          |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 28     | 8      |                            |                            |
|            |           |                |               |           | W15         | 112°               | 32     | 13     | 37                         | 13                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W16         | 112°               | 34     | 12     |                            |                            |
|            |           |                |               |           | W17         | 112°               | 18     | 7      | 35                         | 12                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 112°               | 33     | 7      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 33                         | 7                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 112°               | 34     | 9      |                            |                            |
|            |           |                |               |           | W20         | 112°               | 40     | 15     | 42                         | 15                         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 34     | 13     |                            |                            |
|            |           |                |               |           |             |                    |        |        | 34                         | 13                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 13     | 4      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 13                         | 4                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 23     | 6      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 23                         | 6                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 27     | 9      |                            |                            |
|            |           |                |               |           | W25         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W26         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W27         | 22°N               | 0      | 0      | 27                         | 9                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W28         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W29         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W30         | 22°N               | 6      | 0      |                            |                            |
|            |           |                |               |           | W31         | 292°N              | 7      | 1      | 13                         | 1                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32         | 292°N              | 10     | 1      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 10                         | 1                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33         | 292°N              | 5      | 1      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 5                          | 1                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34         | 292°N              | 14     | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 14                         | 2                          |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35         | 292°N              | 9      | 3      |                            |                            |
|            |           |                |               |           | W36         | 292°N              | 4      | 1      | 9                          | 3                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W37         | 292°N              | 17     | 3      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 17                         | 3                          |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | W38         | 292°N              | 8      | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 8                          | 2                          |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39         | 292°N              | 17     | 2      |                            |                            |
|            |           |                |               |           | W40         | 292°N              | 11     | 1      | 18                         | 2                          |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41         | 292°N              | 11     | 3      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 11                         | 3                          |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42         | 292°N              | 13     | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 13                         | 2                          |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43         | 292°N              | 8      | 2      |                            |                            |
|            |           |                |               |           |             |                    |        |        | 8                          | 2                          |
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 55     | 27     |                            |                            |
|            |           |                |               |           | W2          | 202°               | 59     | 23     |                            |                            |
|            |           |                |               |           | W3          | 202°               | 49     | 23     |                            |                            |
|            |           |                |               |           | W44         | 292°N              | 22     | 4      | 69                         | 27                         |
|            | R2        | Floorplan-Dwg  | Residential   | LKD       | W4          | 202°               | 49     | 23     |                            |                            |
|            |           |                |               |           | W5          | 202°               | 63     | 27     |                            |                            |
|            |           |                |               |           | W6          | 202°               | 56     | 23     |                            |                            |
|            |           |                |               |           | W7          | 112°               | 40     | 13     | 90                         | 28                         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.              | Window Orientation            | Annual               | Winter              | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|--------------------------|-------------------------------|----------------------|---------------------|----------------------------|----------------------------|
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W8                       | 112°                          | 19                   | 6                   | 19                         | 6                          |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W9                       | 112°                          | 28                   | 7                   | 28                         | 7                          |
|            | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W10                      | 112°                          | 32                   | 11                  | 32                         | 11                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W11<br>W12               | 112°<br>112°                  | 37<br>45             | 8<br>12             | 46                         | 12                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W13                      | 112°                          | 36                   | 8                   | 36                         | 8                          |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15               | 112°<br>112°                  | 30<br>33             | 9<br>13             | 38                         | 13                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W16<br>W17               | 112°<br>112°                  | 37<br>20             | 12<br>7             | 37                         | 12                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W18                      | 112°                          | 35                   | 7                   | 35                         | 7                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19<br>W20               | 112°<br>112°                  | 40<br>44             | 9<br>15             | 47                         | 15                         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W21                      | 112°                          | 41                   | 14                  | 41                         | 14                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W22                      | 112°                          | 19                   | 6                   | 19                         | 6                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W23                      | 112°                          | 29                   | 8                   | 29                         | 8                          |
|            | R15       | Floorplan-Dwg  | Residential   | LKD       | W24<br>W25<br>W26<br>W27 | 112°<br>22°N<br>22°N<br>22°N  | 31<br>0<br>5<br>0    | 11<br>0<br>0<br>0   | 31                         | 11                         |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W28<br>W29<br>W30<br>W31 | 22°N<br>22°N<br>22°N<br>292°N | 0<br>0<br>6<br>9     | 0<br>0<br>0<br>1    | 15                         | 1                          |
|            | R17       | Floorplan-Dwg  | Residential   | Bedroom   | W32                      | 292°N                         | 11                   | 1                   | 11                         | 1                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W33                      | 292°N                         | 6                    | 1                   | 6                          | 1                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W34                      | 292°N                         | 15                   | 2                   | 15                         | 2                          |
|            | R20       | Floorplan-Dwg  | Residential   | Bedroom   | W35<br>W36               | 292°N<br>292°N                | 11<br>6              | 3<br>1              | 11                         | 3                          |
|            | R21       | Floorplan-Dwg  | Residential   | LKD       | W37                      | 292°N                         | 19                   | 3                   | 19                         | 3                          |
|            | R22       | Floorplan-Dwg  | Residential   | LKD       | W38                      | 292°N                         | 11                   | 2                   | 11                         | 2                          |
|            | R23       | Floorplan-Dwg  | Residential   | Bedroom   | W39<br>W40               | 292°N<br>292°N                | 19<br>13             | 2<br>2              | 21                         | 3                          |
|            | R24       | Floorplan-Dwg  | Residential   | Bedroom   | W41                      | 292°N                         | 12                   | 2                   | 12                         | 2                          |
|            | R25       | Floorplan-Dwg  | Residential   | Bedroom   | W42                      | 292°N                         | 15                   | 2                   | 15                         | 2                          |
|            | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43                      | 292°N                         | 10                   | 2                   | 10                         | 2                          |
| Fifth      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W2<br>W3<br>W44    | 202°<br>202°<br>202°<br>292°N | 55<br>59<br>49<br>24 | 27<br>23<br>23<br>4 |                            |                            |

Date of Analysis: 18/05/2020

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |  |  |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|--|--|
|            | R2            | Floorplan-Dwg  | Residential   | LKD       | W4          | 202°               | 49     | 23     | 70                         | 27                         |  |  |
|            |               |                |               |           | W5          | 202°               | 63     | 27     |                            |                            |  |  |
|            |               |                |               |           | W6          | 202°               | 56     | 23     |                            |                            |  |  |
|            |               |                |               |           | W7          | 112°               | 49     | 15     |                            |                            |  |  |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 37     | 9      | 95                         | 30                         |  |  |
|            |               |                |               |           |             |                    |        |        | 37                         | 9                          |  |  |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 112°               | 37     | 9      | 37                         | 9                          |  |  |
|            | R5            | Floorplan-Dwg  | Residential   | Bedroom   | W10         | 112°               | 49     | 15     | 37                         | 9                          |  |  |
|            | R6            | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 38     | 9      | 49                         | 15                         |  |  |
|            |               |                |               |           |             |                    | W12    | 112°   | 48                         | 15                         |  |  |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 37     | 9      | 49                         | 15                         |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
|            | R8            | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 37     | 9      | 37                         | 9                          |  |  |
|            |               |                |               |           |             |                    | W15    | 112°   | 49                         | 15                         |  |  |
|            | R9            | Floorplan-Dwg  | Residential   | LKD       | W16         | 112°               | 49     | 15     | 49                         | 15                         |  |  |
|            |               |                |               |           |             |                    | W17    | 112°   | 37                         | 9                          |  |  |
|            | R10           | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 112°               | 37     | 9      | 49                         | 15                         |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
|            | R11           | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 112°               | 40     | 9      | 37                         | 9                          |  |  |
|            |               |                |               |           |             |                    | W20    | 112°   | 44                         | 15                         |  |  |
|            | R12           | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 49     | 15     | 47                         | 15                         |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
|            | R13           | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 112°               | 37     | 9      | 49                         | 15                         |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
|            | R14           | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 112°               | 37     | 9      | 37                         | 9                          |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
|            | R15           | Floorplan-Dwg  | Residential   | LKD       | W24         | 112°               | 48     | 15     | 37                         | 9                          |  |  |
|            |               |                |               |           |             |                    | W25    | 22°N   | 0                          | 0                          |  |  |
|            |               |                |               |           |             |                    | W26    | 22°N   | 5                          | 0                          |  |  |
|            |               |                |               |           |             |                    | W27    | 22°N   | 0                          | 0                          |  |  |
| R16        | Floorplan-Dwg | Residential    | LKD           | W28       | 22°N        | 0                  | 0      | 48     | 15                         |                            |  |  |
|            |               |                |               |           |             | W29                | 22°N   | 0      | 0                          |                            |  |  |
|            |               |                |               |           |             | W30                | 22°N   | 6      | 0                          |                            |  |  |
|            |               |                |               |           |             | W31                | 292°N  | 22     | 3                          |                            |  |  |
| R17        | Floorplan-Dwg | Residential    | Bedroom       | W32       | 292°N       | 14                 | 1      | 28     | 3                          |                            |  |  |
| R18        | Floorplan-Dwg | Residential    | Bedroom       | W33       | 292°N       | 14                 | 1      | 14     | 1                          |                            |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
| R19        | Floorplan-Dwg | Residential    | Bedroom       | W34       | 292°N       | 20                 | 3      | 14     | 1                          |                            |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
| R20        | Floorplan-Dwg | Residential    | Bedroom       | W35       | 292°N       | 26                 | 5      | 20     | 3                          |                            |  |  |
|            |               |                |               |           |             | W36                | 292°N  | 13     | 1                          |                            |  |  |
| R21        | Floorplan-Dwg | Residential    | LKD           | W37       | 292°N       | 20                 | 3      | 26     | 5                          |                            |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
| R22        | Floorplan-Dwg | Residential    | LKD           | W38       | 292°N       | 23                 | 4      | 20     | 3                          |                            |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
| R23        | Floorplan-Dwg | Residential    | Bedroom       | W39       | 292°N       | 28                 | 6      | 23     | 4                          |                            |  |  |
|            |               |                |               |           |             | W40                | 292°N  | 15     | 2                          |                            |  |  |
| R24        | Floorplan-Dwg | Residential    | Bedroom       | W41       | 292°N       | 23                 | 4      | 28     | 6                          |                            |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
| R25        | Floorplan-Dwg | Residential    | Bedroom       | W42       | 292°N       | 15                 | 2      | 23     | 4                          |                            |  |  |
|            |               |                |               |           |             |                    |        |        |                            |                            |  |  |
|            |               |                |               |           |             |                    |        | 15     | 2                          |                            |  |  |



Project Name: Hillingdon Gateway  
Project No.: Release 06  
Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
Date of Analysis: 18/05/2020

| Floor Ref.  | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|-------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|             | R26       | Floorplan-Dwg  | Residential   | Bedroom   | W43         | 292°N              | 15     | 2      | 15                         | 2                          |
| Sixth       | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 31     | 23     | 83                         | 28                         |
|             |           |                |               |           | W2          | 202°               | 81     | 28     |                            |                            |
|             |           |                |               |           | W22         | 292°N              | 15     | 2      |                            |                            |
|             | R2        | Floorplan-Dwg  | Residential   | LKD       | W3          | 202°               | 31     | 23     | 64                         | 30                         |
|             |           |                |               |           | W4          | 112°               | 37     | 11     |                            |                            |
|             | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 112°               | 37     | 11     | 37                         | 11                         |
|             | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 112°               | 46     | 12     | 46                         | 12                         |
|             |           |                |               |           | W7          | 112°               | 46     | 12     |                            |                            |
|             | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 112°               | 37     | 11     | 37                         | 11                         |
|             | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 112°               | 37     | 11     | 37                         | 11                         |
|             |           |                |               |           | W10         | 112°               | 46     | 12     |                            |                            |
|             | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 112°               | 46     | 12     | 46                         | 12                         |
|             |           |                |               |           | W12         | 112°               | 37     | 11     |                            |                            |
|             | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 112°               | 37     | 11     | 37                         | 11                         |
|             |           |                |               |           | W14         | 22°N               | 0      | 0      |                            |                            |
|             | R9        | Floorplan-Dwg  | Residential   | LKD       | W15         | 112°               | 37     | 11     | 37                         | 11                         |
|             |           |                |               |           | W16         | 22°N               | 0      | 0      |                            |                            |
|             |           |                |               |           | W17         | 292°N              | 15     | 2      |                            |                            |
|             | R10       | Floorplan-Dwg  | Residential   | LKD       | W18         | 292°N              | 13     | 0      | 28                         | 2                          |
|             | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 292°N              | 0      | 0      | 15                         | 2                          |
|             | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W20         | 292°N              | 15     | 2      | 15                         | 2                          |
|             | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 292°N              | 15     | 2      | 15                         | 2                          |
|             | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W22         | 292°N              | 15     | 2      | 15                         | 2                          |
| Building 11 |           |                |               |           |             |                    |        |        |                            |                            |
| Ground      | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1          | 202°               | 29     | 6      | 29                         | 6                          |
|             | R2        | Floorplan-Dwg  | Residential   | LKD       | W2          | 202°               | 6      | 3      | 6                          | 3                          |
|             |           |                |               |           | W3          | 202°               | 21     | 2      |                            |                            |
|             | R3        | Floorplan-Dwg  | Residential   | LKD       | W4          | 202°               | 12     | 6      | 21                         | 2                          |
|             | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W5          | 202°               | 12     | 6      | 12                         | 6                          |
|             | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 202°               | 22     | 7      | 22                         | 7                          |
|             | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 35     | 12     | 35                         | 12                         |
|             |           |                |               |           | W8          | 112°               | 18     | 11     |                            |                            |
|             | R7        | Floorplan-Dwg  | Residential   | LKD       | W9          | 112°               | 28     | 7      | 35                         | 13                         |
|             |           |                |               |           | W10         | 112°               | 19     | 11     |                            |                            |
|             | R8        | Floorplan-Dwg  | Residential   | LKD       | W11         | 22°N               | 5      | 0      | 38                         | 13                         |
|             | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 22°N               | 2      | 0      | 2                          | 0                          |
|             | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 22°N               | 5      | 0      | 5                          | 0                          |

Project Name: Hillingdon Gateway

Project No.: Release 06

Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.              | Window Orientation           | Annual               | Winter              | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|--------------------------|------------------------------|----------------------|---------------------|----------------------------|----------------------------|
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15               | 112°<br>22°N                 | 15<br>6              | 2<br>0              |                            |                            |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16<br>W17               | 112°<br>22°N                 | 6<br>2               | 1<br>0              | 16                         | 2                          |
|            |           |                |               |           |                          |                              |                      |                     | 7                          | 1                          |
| First      | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W30<br>W31         | 202°<br>292°N<br>292°N       | 11<br>4<br>5         | 10<br>0<br>5        |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                       | 202°                         | 41                   | 12                  | 15                         | 10                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                       | 202°                         | 38                   | 11                  | 41                         | 12                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4                       | 202°                         | 31                   | 8                   | 38                         | 11                         |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5                       | 202°                         | 12                   | 7                   | 31                         | 8                          |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W6                       | 202°                         | 26                   | 6                   | 12                         | 7                          |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7                       | 202°                         | 15                   | 8                   | 26                         | 6                          |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8                       | 202°                         | 34                   | 12                  | 15                         | 8                          |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9                       | 202°                         | 39                   | 15                  | 34                         | 12                         |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W10<br>W11<br>W12<br>W13 | 202°<br>112°<br>112°<br>112° | 66<br>49<br>18<br>28 | 22<br>20<br>11<br>7 | 39                         | 15                         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15<br>W16        | 112°<br>112°<br>22°N         | 33<br>19<br>5        | 8<br>11<br>0        | 82                         | 23                         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17                      | 22°N                         | 2                    | 0                   | 38                         | 13                         |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18                      | 22°N                         | 5                    | 0                   | 2                          | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | W19<br>W20               | 112°<br>22°N                 | 15<br>6              | 2<br>0              | 5                          | 0                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21<br>W22               | 112°<br>22°N                 | 6<br>2               | 1<br>0              | 16                         | 2                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23<br>W24               | 22°N<br>292°N                | 1<br>1               | 0<br>0              | 7                          | 1                          |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W25                      | 22°N                         | 0                    | 0                   | 2                          | 0                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26                      | 22°N                         | 0                    | 0                   | 0                          | 0                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27                      | 22°N                         | 0                    | 0                   | 0                          | 0                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W28<br>W29               | 22°N<br>292°N                | 3<br>6               | 0<br>0              | 0                          | 0                          |
|            |           |                |               |           |                          |                              |                      |                     | 9                          | 0                          |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W30<br>W31         | 202°<br>292°N<br>292°N       | 14<br>2<br>5         | 12<br>0<br>5        |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                       | 202°                         | 44                   | 15                  | 16                         | 12                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                       | 202°                         | 40                   | 13                  | 44                         | 15                         |

Date of Analysis: 18/05/2020

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 202°               | 30     | 10     | 40                         | 13                         |
|            |               |                |               |           |             |                    |        |        | 30                         | 10                         |
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W5          | 202°               | 16     | 12     | 16                         | 12                         |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 33     | 9      | 33                         | 9                          |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 17     | 10     | 17                         | 10                         |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 202°               | 40     | 16     | 40                         | 16                         |
|            | R9            | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 202°               | 43     | 18     | 43                         | 18                         |
|            | R10           | Floorplan-Dwg  | Residential   | LKD       | W10         | 202°               | 70     | 25     | 85                         | 25                         |
|            |               |                |               |           | W11         | 112°               | 49     | 20     |                            |                            |
|            |               |                |               |           | W12         | 112°               | 18     | 11     |                            |                            |
|            |               |                |               |           | W13         | 112°               | 30     | 7      |                            |                            |
|            | R11           | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 33     | 8      | 39                         | 14                         |
|            |               |                |               |           | W15         | 112°               | 20     | 12     |                            |                            |
|            |               |                |               |           | W16         | 22°N               | 5      | 0      |                            |                            |
|            | R12           | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 22°N               | 2      | 0      | 2                          | 0                          |
|            | R13           | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 5      | 0      | 5                          | 0                          |
|            | R14           | Floorplan-Dwg  | Residential   | LKD       | W19         | 112°               | 15     | 2      | 16                         | 2                          |
|            |               |                |               |           | W20         | 22°N               | 6      | 0      |                            |                            |
|            | R15           | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 6      | 1      | 7                          | 1                          |
|            |               |                |               |           | W22         | 22°N               | 2      | 0      |                            |                            |
| R16        | Floorplan-Dwg | Residential    | Bedroom       | W23       | 22°N        | 1                  | 0      | 2      | 0                          |                            |
|            |               |                |               | W24       | 292°N       | 1                  | 0      |        |                            |                            |
| R17        | Floorplan-Dwg | Residential    | LKD           | W25       | 22°N        | 0                  | 0      | 0      | 0                          |                            |
| R18        | Floorplan-Dwg | Residential    | Bedroom       | W26       | 22°N        | 0                  | 0      | 0      | 0                          |                            |
| R19        | Floorplan-Dwg | Residential    | Bedroom       | W27       | 22°N        | 0                  | 0      | 0      | 0                          |                            |
| R20        | Floorplan-Dwg | Residential    | LKD           | W28       | 22°N        | 3                  | 0      | 11     | 1                          |                            |
|            |               |                |               | W29       | 292°N       | 8                  | 1      |        |                            |                            |
| Third      | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 24     | 20     | 31                         | 20                         |
|            |               |                |               | W30       | 292°N       | 8                  | 0      |        |                            |                            |
|            |               |                |               | W31       | 292°N       | 7                  | 6      |        |                            |                            |
|            | R2            | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 50     | 20     | 50                         | 20                         |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 39     | 12     | 39                         | 12                         |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 202°               | 16     | 11     | 16                         | 11                         |
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W5          | 202°               | 36     | 13     | 36                         | 13                         |
|            | R6            | Floorplan-Dwg  | Residential   | LKD       | W6          | 202°               | 23     | 16     | 23                         | 16                         |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 42     | 19     | 42                         | 19                         |
|            | R8            | Floorplan-Dwg  | Residential   | Bedroom   | W8          | 202°               | 46     | 19     | 46                         | 19                         |
|            | R9            | Floorplan-Dwg  | Residential   | Bedroom   | W9          | 202°               | 45     | 20     | 45                         | 20                         |

Date of Analysis: 18/05/2020

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| Floor Ref. | Room Ref.     | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|---------------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
|            | R10           | Floorplan-Dwg  | Residential   | LKD       | W10         | 202°               | 72     | 27     | 87                         | 27                         |
|            |               |                |               |           | W11         | 112°               | 53     | 20     |                            |                            |
|            |               |                |               |           | W12         | 112°               | 39     | 12     |                            |                            |
|            |               |                |               |           | W13         | 112°               | 32     | 7      |                            |                            |
|            | R11           | Floorplan-Dwg  | Residential   | LKD       | W14         | 112°               | 35     | 8      | 43                         | 15                         |
|            |               |                |               |           | W15         | 112°               | 42     | 14     |                            |                            |
|            |               |                |               |           | W16         | 22°N               | 5      | 0      |                            |                            |
|            | R12           | Floorplan-Dwg  | Residential   | Bedroom   | W17         | 22°N               | 2      | 0      | 2                          | 0                          |
|            | R13           | Floorplan-Dwg  | Residential   | Bedroom   | W18         | 22°N               | 5      | 0      | 5                          | 0                          |
|            | R14           | Floorplan-Dwg  | Residential   | LKD       | W19         | 112°               | 17     | 2      | 18                         | 2                          |
|            | W20           | 22°N           | 6             | 0         |             |                    |        |        |                            |                            |
|            | R15           | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 112°               | 12     | 1      | 13                         | 1                          |
|            |               |                |               |           | W22         | 22°N               | 2      | 0      |                            |                            |
|            | R16           | Floorplan-Dwg  | Residential   | Bedroom   | W23         | 22°N               | 1      | 0      | 2                          | 0                          |
|            |               |                |               |           | W24         | 292°N              | 1      | 0      |                            |                            |
|            | R17           | Floorplan-Dwg  | Residential   | LKD       | W25         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R18           | Floorplan-Dwg  | Residential   | Bedroom   | W26         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R19           | Floorplan-Dwg  | Residential   | Bedroom   | W27         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R20           | Floorplan-Dwg  | Residential   | LKD       | W28         | 22°N               | 5      | 0      | 14                         | 1                          |
|            |               |                |               |           | W29         | 292°N              | 9      | 1      |                            |                            |
| Fourth     | R1            | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 65     | 24     | 65                         | 24                         |
|            |               |                |               |           | W23         | 292°N              | 12     | 1      |                            |                            |
|            |               |                |               |           | W24         | 292°N              | 25     | 6      |                            |                            |
|            | R2            | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 55     | 22     | 55                         | 22                         |
|            | R3            | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 56     | 21     | 56                         | 21                         |
|            | R4            | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 202°               | 60     | 24     | 60                         | 24                         |
|            | R5            | Floorplan-Dwg  | Residential   | LKD       | W5          | 202°               | 52     | 20     | 52                         | 20                         |
|            | R6            | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 202°               | 55     | 20     | 55                         | 20                         |
|            | R7            | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 55     | 23     | 55                         | 23                         |
|            | R8            | Floorplan-Dwg  | Residential   | LKD       | W8          | 202°               | 47     | 22     | 80                         | 28                         |
|            |               |                |               |           | W9          | 112°               | 49     | 15     |                            |                            |
|            | R9            | Floorplan-Dwg  | Residential   | LKD       | W10         | 112°               | 49     | 15     | 49                         | 15                         |
|            |               |                |               |           | W11         | 22°N               | 5      | 0      |                            |                            |
|            | R10           | Floorplan-Dwg  | Residential   | Bedroom   | W12         | 112°               | 17     | 2      | 18                         | 2                          |
|            |               |                |               |           | W13         | 22°N               | 4      | 0      |                            |                            |
|            | R11           | Floorplan-Dwg  | Residential   | Bedroom   | W14         | 112°               | 17     | 2      | 18                         | 2                          |
| W15        |               |                |               |           | 22°N        | 2                  | 0      |        |                            |                            |
| R12        | Floorplan-Dwg | Residential    | Bedroom       | W16       | 22°N        | 2                  | 0      | 3      | 0                          |                            |
|            |               |                |               | W17       | 292°N       | 1                  | 0      |        |                            |                            |
| R13        | Floorplan-Dwg | Residential    | LKD           | W18       | 22°N        | 1                  | 0      | 1      | 0                          |                            |

Project Name: Hillingdon Gateway  
 Project No.: Release 06  
 Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings  
 Date of Analysis: 18/05/2020

| Floor Ref.         | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.              | Window Orientation           | Annual               | Winter              | Total Suns per Room Annual | Total Suns per Room Winter |
|--------------------|-----------|----------------|---------------|-----------|--------------------------|------------------------------|----------------------|---------------------|----------------------------|----------------------------|
|                    | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W19                      | 22°N                         | 0                    | 0                   | 0                          | 0                          |
|                    | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W20                      | 22°N                         | 2                    | 0                   | 2                          | 0                          |
|                    | R16       | Floorplan-Dwg  | Residential   | LKD       | W21<br>W22               | 22°N<br>292°N                | 6<br>16              | 0<br>1              | 22                         | 1                          |
| <b>Building 12</b> |           |                |               |           |                          |                              |                      |                     |                            |                            |
| Ground             | R1        | Floorplan-Dwg  | Residential   | Bedroom   | W1                       | 202°                         | 41                   | 19                  | 41                         | 19                         |
|                    | R2        | Floorplan-Dwg  | Residential   | LKD       | W2                       | 202°                         | 26                   | 20                  | 26                         | 20                         |
|                    | R3        | Floorplan-Dwg  | Residential   | LKD       | W3                       | 202°                         | 36                   | 16                  | 36                         | 16                         |
|                    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4                       | 202°                         | 21                   | 15                  | 21                         | 15                         |
|                    | R5        | Floorplan-Dwg  | Residential   | Bedroom   | W5                       | 202°                         | 33                   | 17                  | 33                         | 17                         |
|                    | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6                       | 202°                         | 48                   | 23                  | 48                         | 23                         |
|                    | R7        | Floorplan-Dwg  | Residential   | LKD       | W7<br>W8                 | 112°<br>112°                 | 18<br>28             | 11<br>7             | 35                         | 13                         |
|                    | R8        | Floorplan-Dwg  | Residential   | LKD       | W9<br>W10<br>W11         | 112°<br>112°<br>22°N         | 33<br>19<br>5        | 8<br>11<br>0        | 38                         | 13                         |
|                    | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W12                      | 22°N                         | 2                    | 0                   | 2                          | 0                          |
|                    | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W13                      | 22°N                         | 5                    | 0                   | 5                          | 0                          |
|                    | R11       | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15               | 112°<br>22°N                 | 15<br>6              | 2<br>0              | 16                         | 2                          |
|                    | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W16<br>W17               | 112°<br>22°N                 | 6<br>2               | 1<br>0              | 7                          | 1                          |
| First              | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W30<br>W31         | 202°<br>292°N<br>292°N       | 27<br>17<br>17       | 21<br>2<br>8        | 37                         | 21                         |
|                    | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                       | 202°                         | 51                   | 22                  | 51                         | 22                         |
|                    | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                       | 202°                         | 52                   | 21                  | 52                         | 21                         |
|                    | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4                       | 202°                         | 46                   | 20                  | 46                         | 20                         |
|                    | R5        | Floorplan-Dwg  | Residential   | LKD       | W5                       | 202°                         | 25                   | 19                  | 25                         | 19                         |
|                    | R6        | Floorplan-Dwg  | Residential   | LKD       | W6                       | 202°                         | 36                   | 16                  | 36                         | 16                         |
|                    | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7                       | 202°                         | 23                   | 16                  | 23                         | 16                         |
|                    | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8                       | 202°                         | 44                   | 22                  | 44                         | 22                         |
|                    | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9                       | 202°                         | 48                   | 23                  | 48                         | 23                         |
|                    | R10       | Floorplan-Dwg  | Residential   | LKD       | W10<br>W11<br>W12<br>W13 | 202°<br>112°<br>112°<br>112° | 75<br>49<br>18<br>28 | 30<br>20<br>11<br>7 | 90                         | 30                         |

Project Name: Hillingdon Gateway  
Project No.: Release 06  
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Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref.              | Window Orientation           | Annual               | Winter              | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|--------------------------|------------------------------|----------------------|---------------------|----------------------------|----------------------------|
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15<br>W16        | 112°<br>112°<br>22°N         | 33<br>19<br>5        | 8<br>11<br>0        | 38                         | 13                         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17                      | 22°N                         | 2                    | 0                   | 2                          | 0                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18                      | 22°N                         | 5                    | 0                   | 5                          | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | W19<br>W20               | 112°<br>22°N                 | 15<br>6              | 2<br>0              | 16                         | 2                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21<br>W22               | 112°<br>22°N                 | 6<br>2               | 1<br>0              | 7                          | 1                          |
|            | R16       | Floorplan-Dwg  | Residential   | Bedroom   | W23<br>W24               | 22°N<br>292°N                | 1<br>0               | 0<br>0              | 1                          | 0                          |
|            | R17       | Floorplan-Dwg  | Residential   | LKD       | W25                      | 22°N                         | 0                    | 0                   | 0                          | 0                          |
|            | R18       | Floorplan-Dwg  | Residential   | Bedroom   | W26                      | 22°N                         | 0                    | 0                   | 0                          | 0                          |
|            | R19       | Floorplan-Dwg  | Residential   | Bedroom   | W27                      | 22°N                         | 0                    | 0                   | 0                          | 0                          |
|            | R20       | Floorplan-Dwg  | Residential   | LKD       | W28<br>W29               | 22°N<br>292°N                | 2<br>18              | 0<br>4              | 20                         | 4                          |
| Second     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1<br>W30<br>W31         | 202°<br>292°N<br>292°N       | 27<br>14<br>17       | 20<br>2<br>8        | 34                         | 20                         |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2                       | 202°                         | 51                   | 22                  | 51                         | 22                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3                       | 202°                         | 53                   | 23                  | 53                         | 23                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4                       | 202°                         | 42                   | 21                  | 42                         | 21                         |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5                       | 202°                         | 23                   | 19                  | 23                         | 19                         |
|            | R6        | Floorplan-Dwg  | Residential   | LKD       | W6                       | 202°                         | 44                   | 19                  | 44                         | 19                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7                       | 202°                         | 23                   | 16                  | 23                         | 16                         |
|            | R8        | Floorplan-Dwg  | Residential   | Bedroom   | W8                       | 202°                         | 46                   | 22                  | 46                         | 22                         |
|            | R9        | Floorplan-Dwg  | Residential   | Bedroom   | W9                       | 202°                         | 48                   | 23                  | 48                         | 23                         |
|            | R10       | Floorplan-Dwg  | Residential   | LKD       | W10<br>W11<br>W12<br>W13 | 202°<br>112°<br>112°<br>112° | 75<br>49<br>18<br>30 | 30<br>20<br>11<br>7 | 90                         | 30                         |
|            | R11       | Floorplan-Dwg  | Residential   | LKD       | W14<br>W15<br>W16        | 112°<br>112°<br>22°N         | 33<br>20<br>5        | 8<br>12<br>0        | 39                         | 14                         |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W17                      | 22°N                         | 2                    | 0                   | 2                          | 0                          |
|            | R13       | Floorplan-Dwg  | Residential   | Bedroom   | W18                      | 22°N                         | 5                    | 0                   | 5                          | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | LKD       | W19<br>W20               | 112°<br>22°N                 | 15<br>6              | 2<br>0              | 16                         | 2                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21<br>W22               | 112°<br>22°N                 | 6<br>2               | 1<br>0              |                            |                            |

Date of Analysis: 18/05/2020

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Project Name: Hillingdon Gateway

Project No.: Release 06

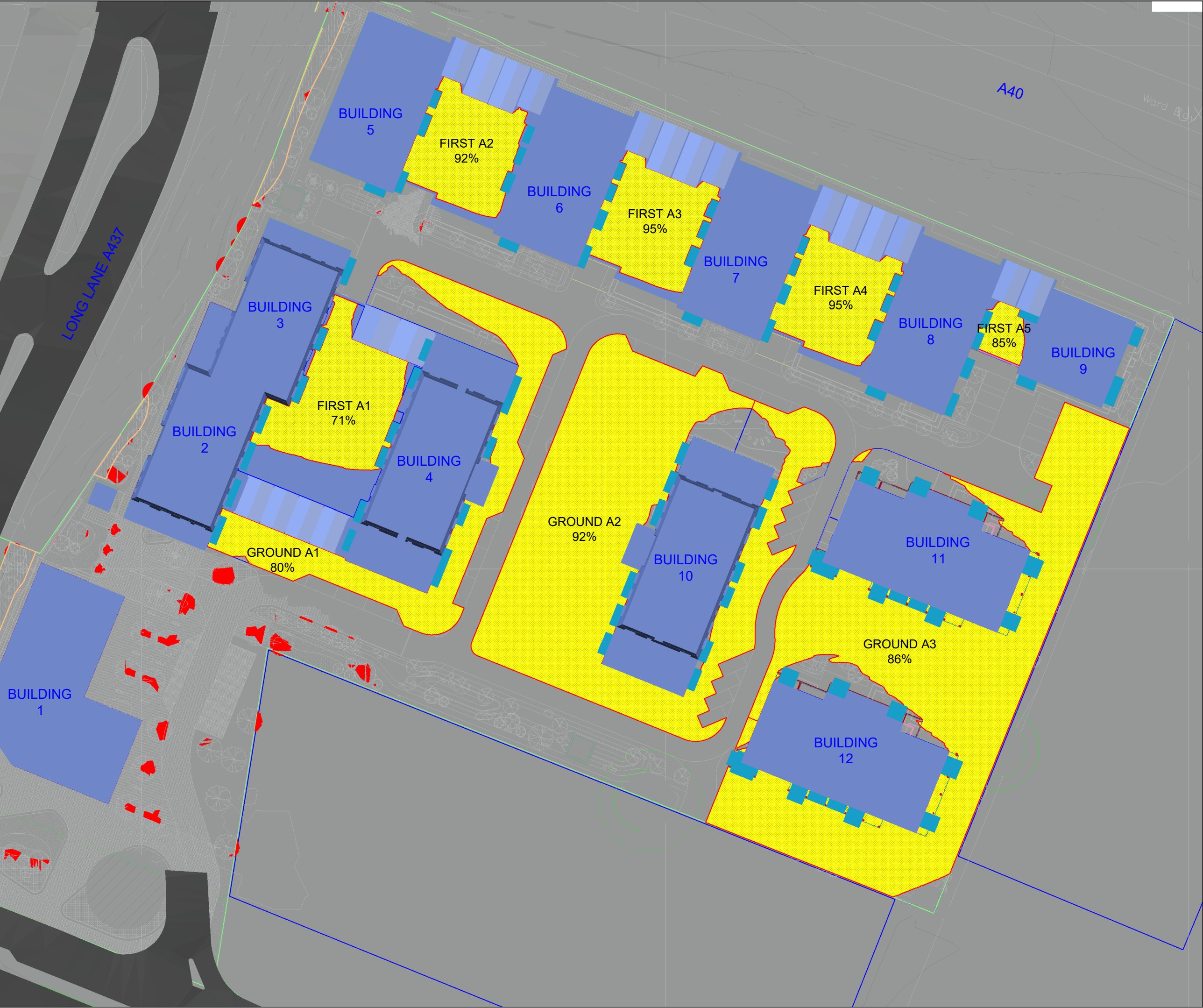
Report Title: Daylight & Sunlight Analysis - Proposed Scheme (May 2020) Standard Settings

Date of Analysis: 18/05/2020

| Floor Ref. | Room Ref. | Room Attribute | Property Type | Room Use. | Window Ref. | Window Orientation | Annual | Winter | Total Suns per Room Annual | Total Suns per Room Winter |
|------------|-----------|----------------|---------------|-----------|-------------|--------------------|--------|--------|----------------------------|----------------------------|
| Fourth     | R1        | Floorplan-Dwg  | Residential   | LKD       | W1          | 202°               | 75     | 27     | 76                         | 27                         |
|            |           |                |               |           | W23         | 292°N              | 24     | 4      |                            |                            |
|            |           |                |               |           | W24         | 292°N              | 37     | 9      |                            |                            |
|            | R2        | Floorplan-Dwg  | Residential   | Bedroom   | W2          | 202°               | 57     | 24     | 57                         | 24                         |
|            | R3        | Floorplan-Dwg  | Residential   | Bedroom   | W3          | 202°               | 58     | 23     | 58                         | 23                         |
|            | R4        | Floorplan-Dwg  | Residential   | Bedroom   | W4          | 202°               | 54     | 21     | 54                         | 21                         |
|            | R5        | Floorplan-Dwg  | Residential   | LKD       | W5          | 202°               | 45     | 21     | 45                         | 21                         |
|            | R6        | Floorplan-Dwg  | Residential   | Bedroom   | W6          | 202°               | 61     | 24     | 61                         | 24                         |
|            | R7        | Floorplan-Dwg  | Residential   | Bedroom   | W7          | 202°               | 57     | 25     | 57                         | 25                         |
|            | R8        | Floorplan-Dwg  | Residential   | LKD       | W8          | 202°               | 50     | 24     | 83                         | 30                         |
|            | R9        | Floorplan-Dwg  | Residential   | LKD       | W9          | 112°               | 49     | 15     |                            |                            |
|            |           |                |               |           | W10         | 112°               | 49     | 15     | 49                         | 15                         |
|            | R10       | Floorplan-Dwg  | Residential   | Bedroom   | W11         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W12         | 112°               | 17     | 2      | 18                         | 2                          |
|            | R11       | Floorplan-Dwg  | Residential   | Bedroom   | W13         | 22°N               | 4      | 0      |                            |                            |
|            |           |                |               |           | W14         | 112°               | 17     | 2      | 18                         | 2                          |
|            | R12       | Floorplan-Dwg  | Residential   | Bedroom   | W15         | 22°N               | 2      | 0      |                            |                            |
|            |           |                |               |           | W16         | 22°N               | 2      | 0      | 2                          | 0                          |
|            | R13       | Floorplan-Dwg  | Residential   | LKD       | W17         | 292°N              | 0      | 0      |                            |                            |
|            |           |                |               |           | W18         | 22°N               | 1      | 0      | 1                          | 0                          |
|            | R14       | Floorplan-Dwg  | Residential   | Bedroom   | W19         | 22°N               | 0      | 0      |                            |                            |
|            |           |                |               |           | W20         | 22°N               | 0      | 0      | 0                          | 0                          |
|            | R15       | Floorplan-Dwg  | Residential   | Bedroom   | W21         | 22°N               | 2      | 0      |                            |                            |
|            |           |                |               |           | W22         | 292°N              | 5      | 0      | 2                          | 0                          |
|            | R16       | Floorplan-Dwg  | Residential   | LKD       | W21         | 22°N               | 5      | 0      |                            |                            |
|            |           |                |               |           | W22         | 292°N              | 19     | 4      | 24                         | 4                          |



## **Appendix C**



Source Data:

COLLADOCOLLINS ARCHITECTS  
PROPOSED SCHEME DRAWINGS  
RECEIVED 1ST - 21ST MAY 2020.

ZMAPPING  
3D MASSING MODEL.

ORDNANCE SURVEY  
SITE PLAN.

SITE PHOTOGRAPHY 23.06.2017.



|                                                                          |                      |       |
|--------------------------------------------------------------------------|----------------------|-------|
| A                                                                        | -                    | -     |
| Rev:                                                                     | Details:             | Date: |
| Address:<br>HILLINGDON GATEWAY<br>FREEZELAND WAY<br>HILLINGDON, UB10 9NX |                      |       |
| Title:<br>SUNLIGHT AMENITY ANALYSIS<br>21ST MARCH<br>LONDON SETTING      |                      |       |
| Client:                                                                  |                      |       |
| Drawn by:<br>GF                                                          | Scale:<br>NTS        |       |
| Date:<br>22/06/2020                                                      | Issue No:<br>01      |       |
| Drawing No:<br>58                                                        | Model Release:<br>04 |       |