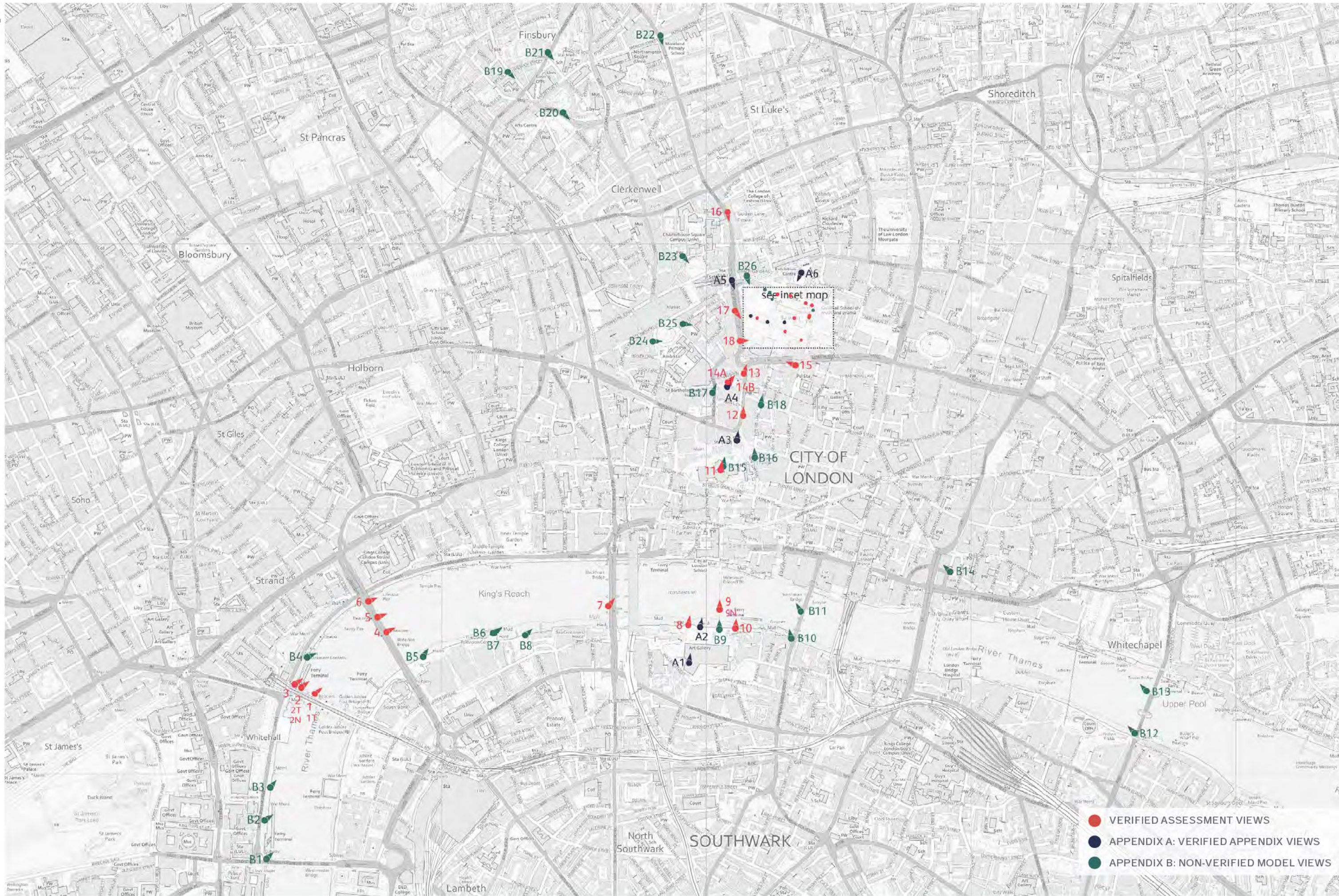
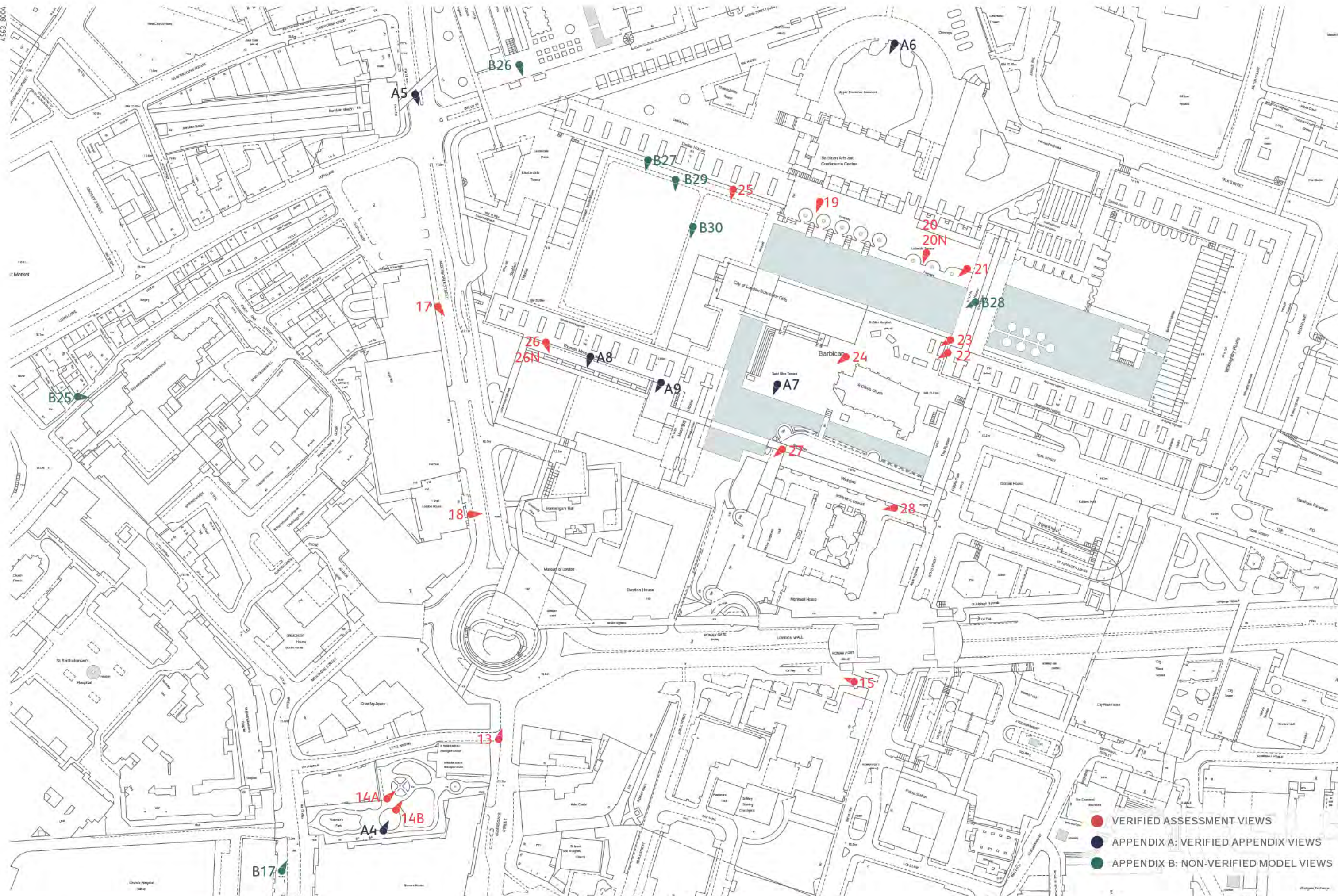


LVMF & LOCAL TOWNSCAPE VIEWS





Existing



Proposed

**PREVIOUS
DATED 12/21**



Existing



Proposed
CURRENT



Existing



DILLER SCOFIDIO + RENFRO | SHEPPARD ROBSON

4563_1221 version 211130

140 - 150 London Wall [planning] | LVMF 17B.1 | Golden Jubilee/Hungerford Footbridges: downstream - crossing the Westminster bank | Telephoto - Existing

millerhare

Proposed

**PREVIOUS
DATED 12/21**



DILLER SCOFIDIO + RENFRO | SHEPPARD ROBSON

4563_1225 version 211129

140 - 150 London Wall [planning] | LVMF 17B.1 | Golden Jubilee/Hungerford Footbridges: downstream - crossing the Westminster bank | Telephoto - Proposed

millerhare

Proposed
CURRENT



Existing



DILLER SCOFIDIO + RENFRO | SHEPPARD ROBSON

4563_1041 version 210913

140 - 150 London Wall [planning] | LVMF 13A.1 | Millennium Bridge - close to the Southwark landing - Existing

millerhare

Proposed

**PREVIOUS
DATED 12/21**



DILLER SCOFIDIO + RENFRO | SHEPPARD ROBSON

4563_1045 version 211129

140 - 150 London Wall [planning] | LVMF 13A.1 | Millennium Bridge - close to the Southwark landing - Proposed

millerhare

Existing



Proposed
CURRENT



Existing



Proposed

**PREVIOUS
DATED 12/21**



Proposed
CURRENT



Existing



Proposed

**PREVIOUS
DATED 12/21**



Existing



Proposed
CURRENT



Existing



Proposed

**PREVIOUS
DATED 12/21**



Existing



Proposed
CURRENT



Existing



DILLER SCOFIDIO + RENFRO | SHEPPARD ROBSON

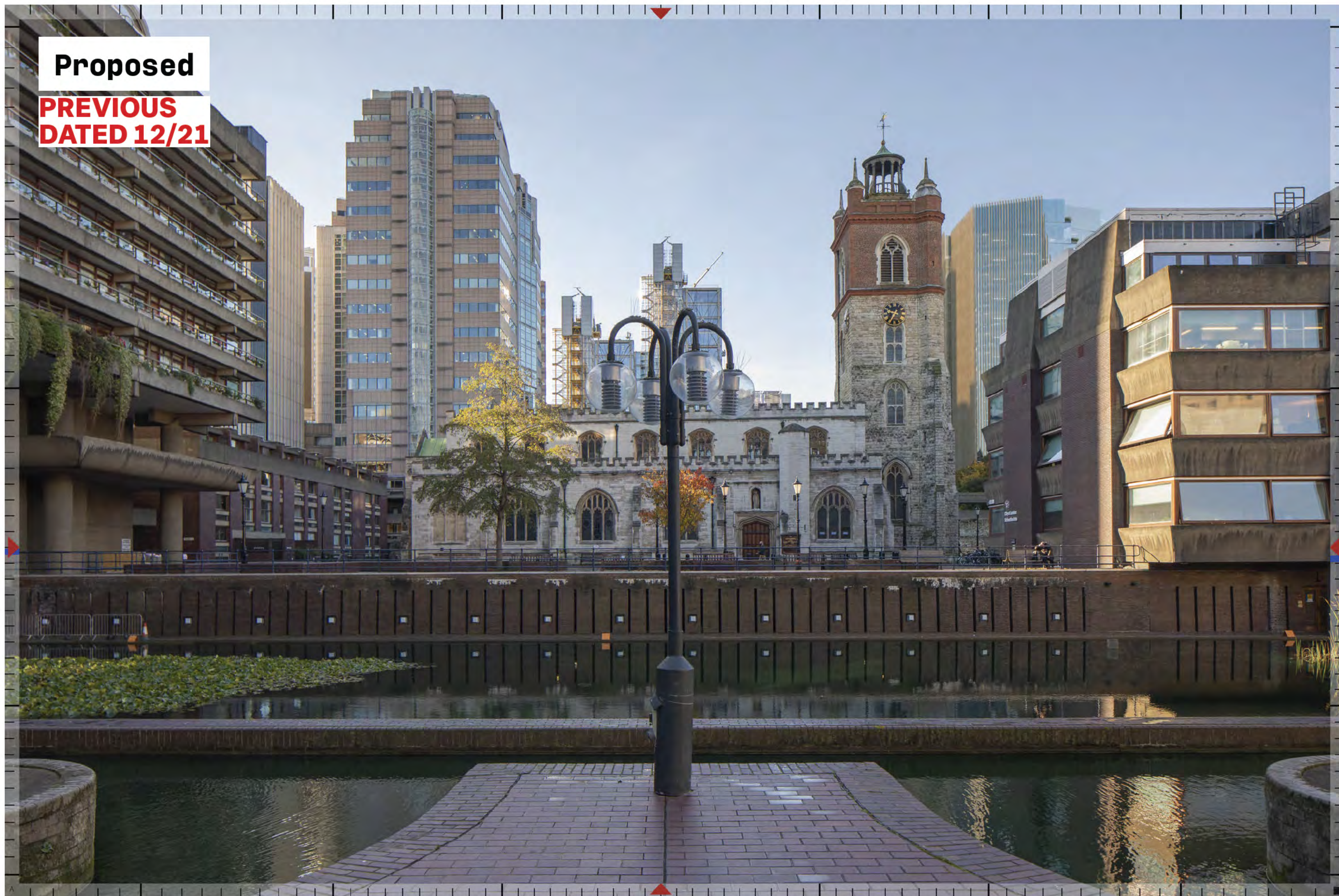
4563_6701 version 211109

140 - 150 London Wall [planning] | Barbican Estate: Lakeside Terrace, east side towards caf - Existing

millerhare

Proposed

**PREVIOUS
DATED 12/21**



Proposed

CURRENT



Existing



DILLER SCOFIDIO + RENFRO | SHEPPARD ROBSON

4563_7101 version 211130

140 - 150 London Wall [planning] | Barbican Estate: Thomas More Highwalk terrace, overlooking tennis courts - Existing

Proposed
PREVIOUS
DATED 12/21



DILLER SCOFIDIO + RENFRO | SHEPPARD ROBSON

4563_7105 version 211129

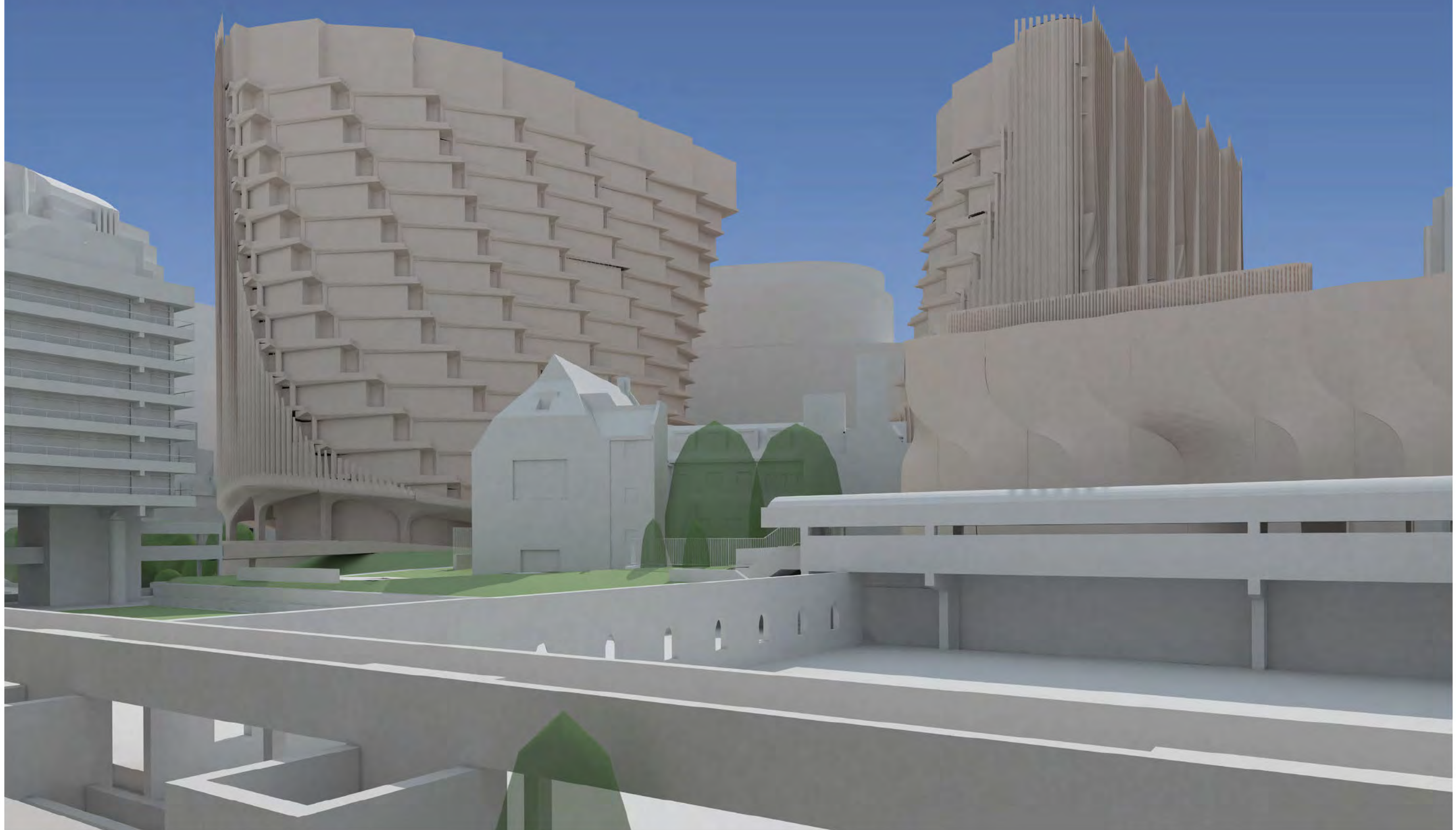
140 - 150 London Wall [planning] | Barbican Estate: Thomas More Highwalk terrace, overlooking tennis courts - Proposed

millerhare

Existing



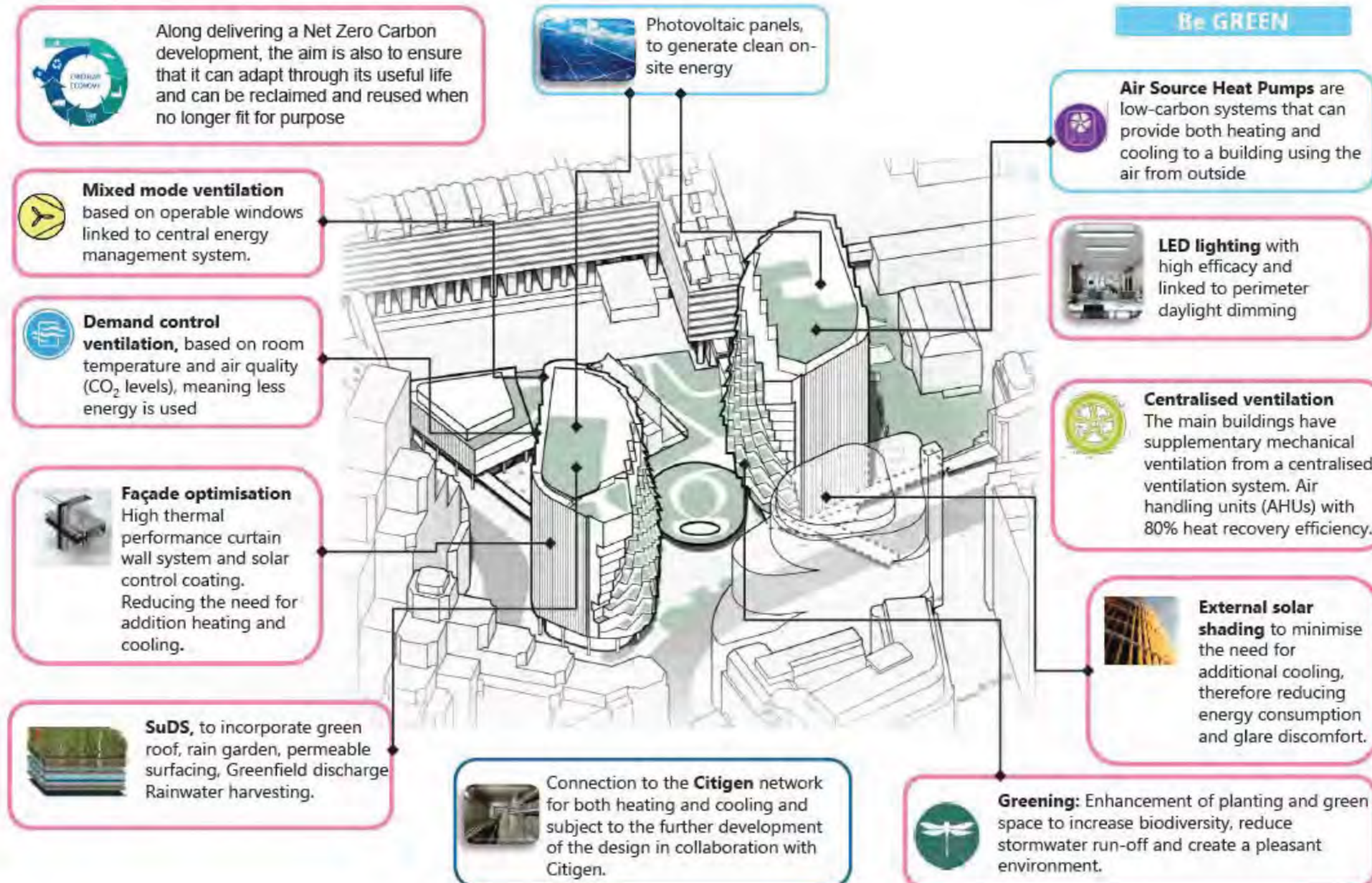
Proposed
CURRENT



SUSTAINABILITY OVERVIEW

SUSTAINABILITY OVERVIEW

Energy Strategy – at a glance



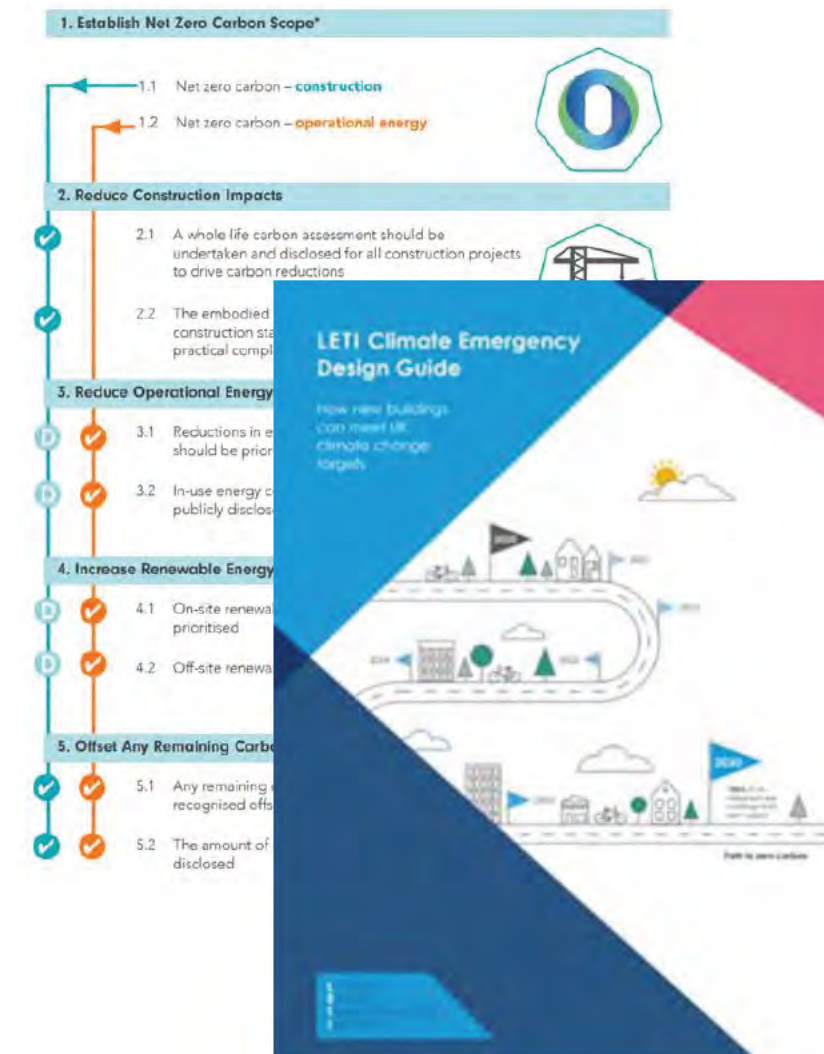
Policies and Framework



London Plan 2021



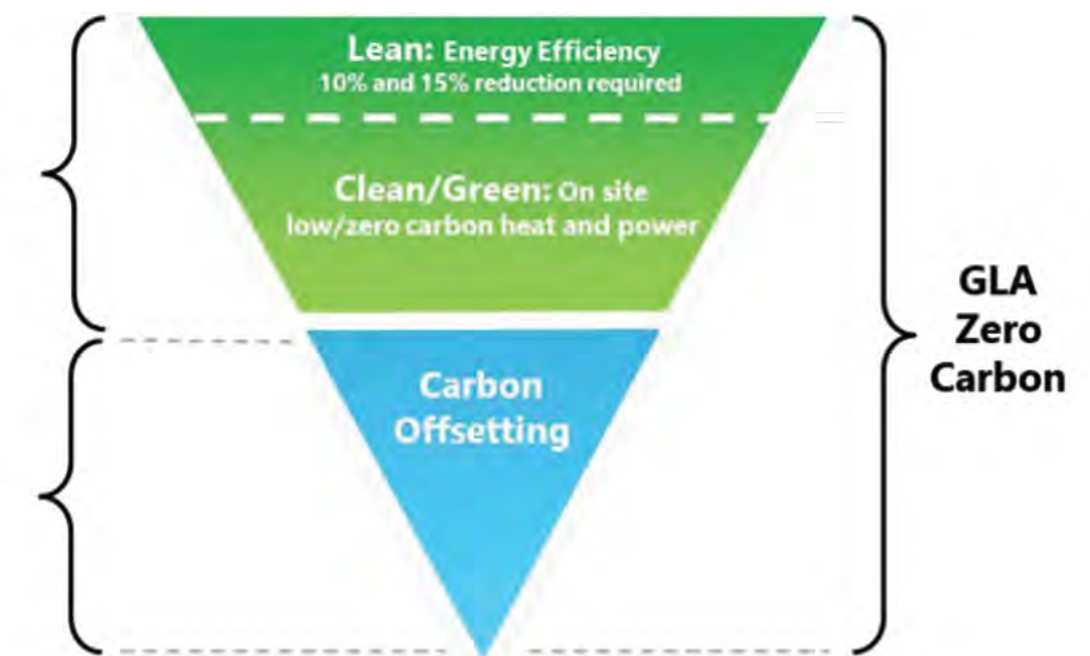
BREEAM Outstanding is currently being targeted through Baseline/ Medium risk credits (81.9%)



Net Zero Carbon UK GBC and LETI

GLA and Regional Policy

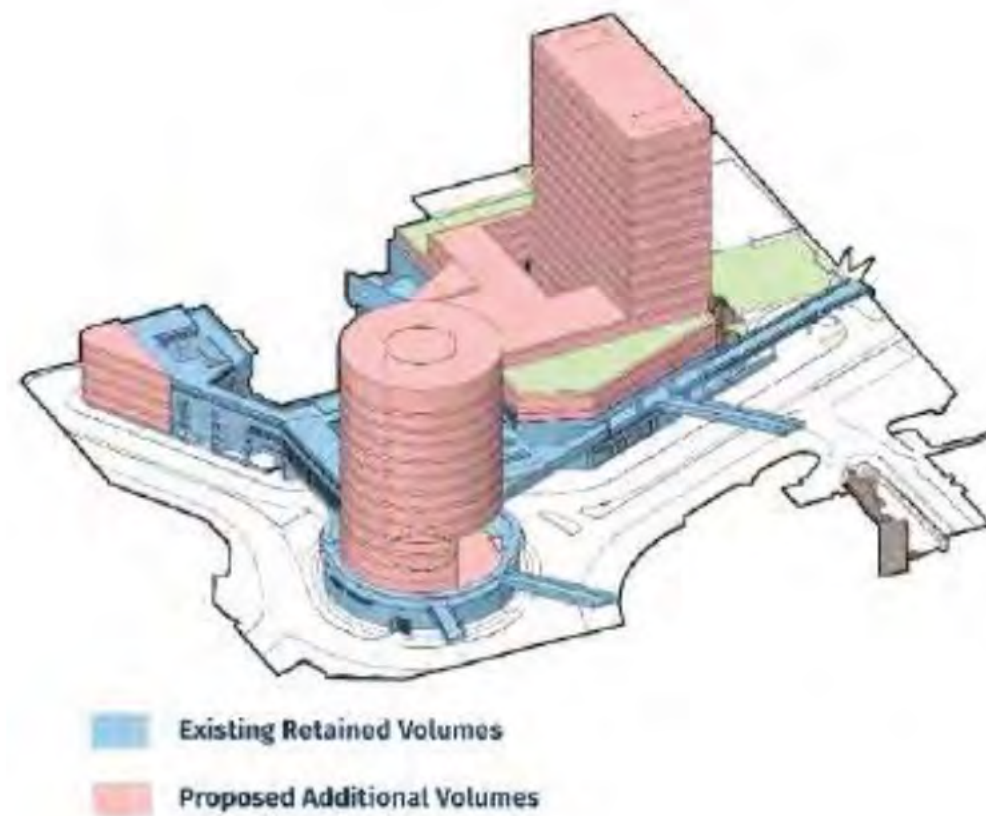
GLA London Plan (2021)	City of London-policies
<ul style="list-style-type: none"> ❑ 10% savings in residential and 15% in non-residential from energy efficiency alone ❑ Following the energy and overheating hierarchy ❑ 35% on-site total carbon savings (using SAP 10 future carbon factors) ❑ Zero carbon through borough offsets ❑ Minimise/justify the need for cooling ❑ Decentralised heat networks with no net NOx and air quality impacts ❑ TM54 modelling for the redevelopment 	<ul style="list-style-type: none"> • Policy SI2 of the London Plan (2021) relates to the minimisation of greenhouse gases within major developments across London. • Policy SI7 of the London Plan (2021) relates to the reduction of waste and the increase of re-usable materials to support the circular economy of major developments. Part B of Policy SI7 notes that 'referable applications should promote circular economy outcomes and aim to be net zero-waste • Core Strategic Policy CS15 of the City of London's Local Plan (2015) requires all development proposals to develop the highest feasible sustainability standards in the design, construction, operation and 'end of life' phases of development. • Strategic Policy CS16 of the City's Draft Local Plan (2021) relates to overall strategic management of waste at all stages of the development cycle.



Building Regulation Part L2A 2021

RE-USE OPTIONS

PAST RE-USE STUDY



PAST

RE-USE STUDY

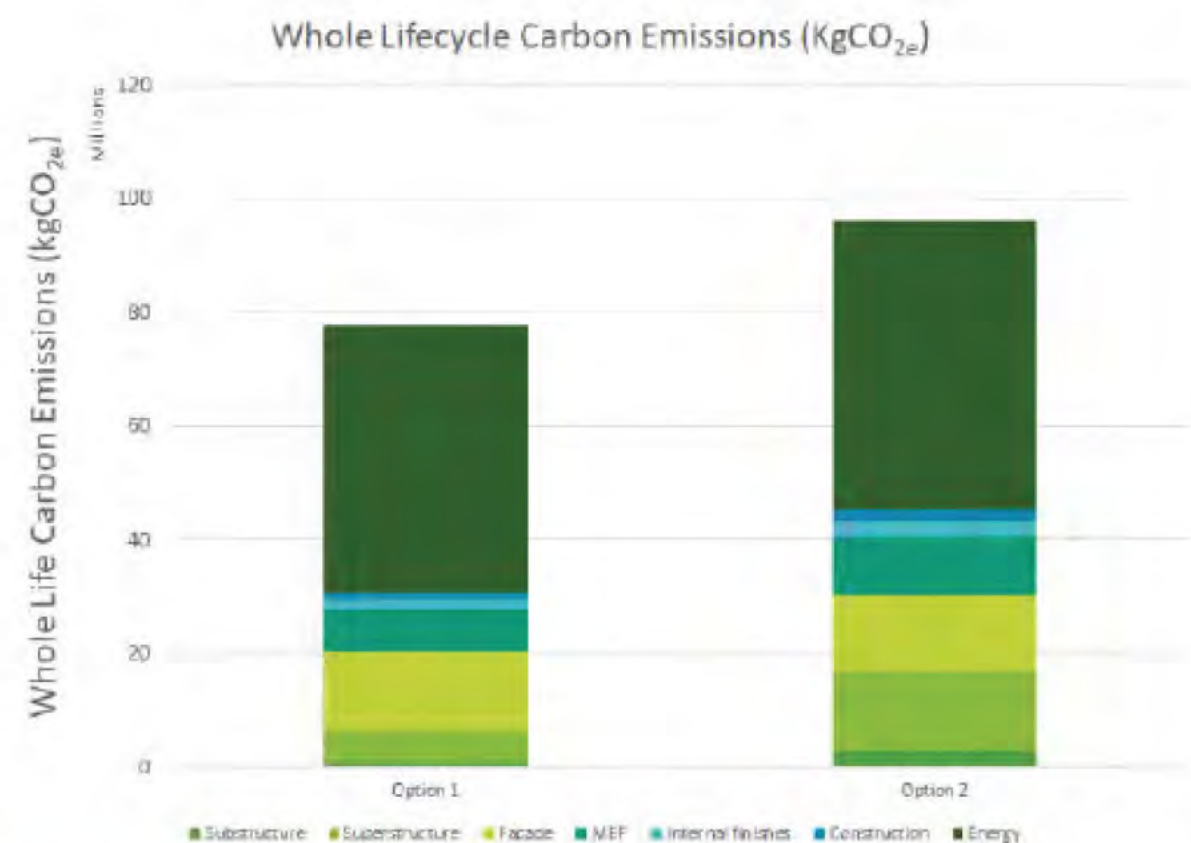


Figure 6—8 Whole Lifecycle Carbon Emissions in millions of kilograms of CO₂ equivalent

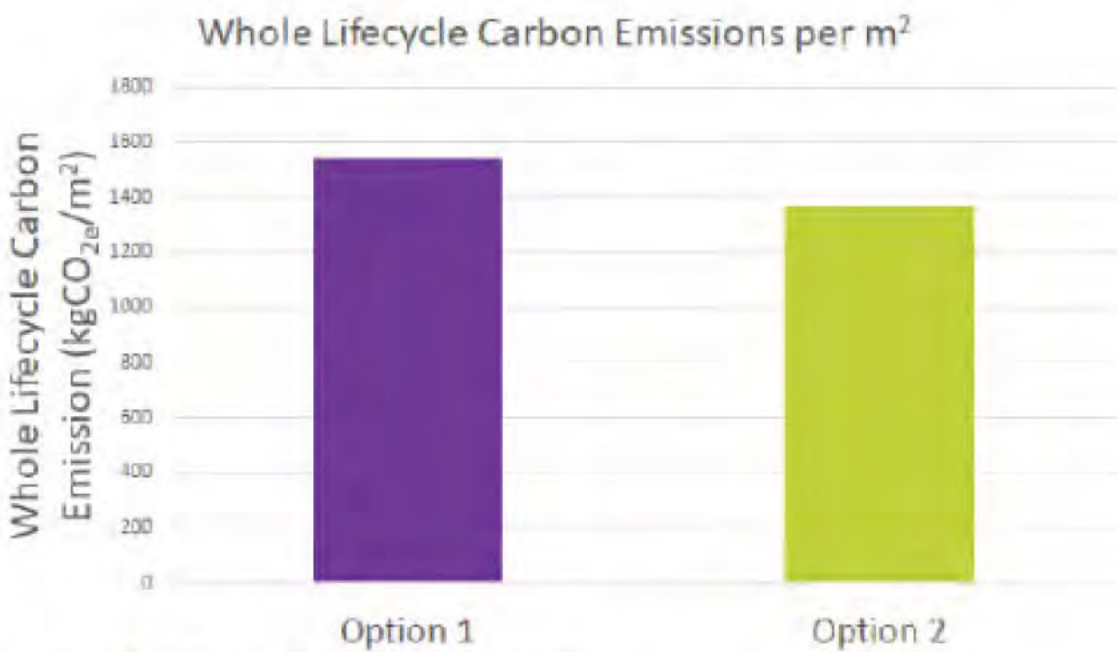
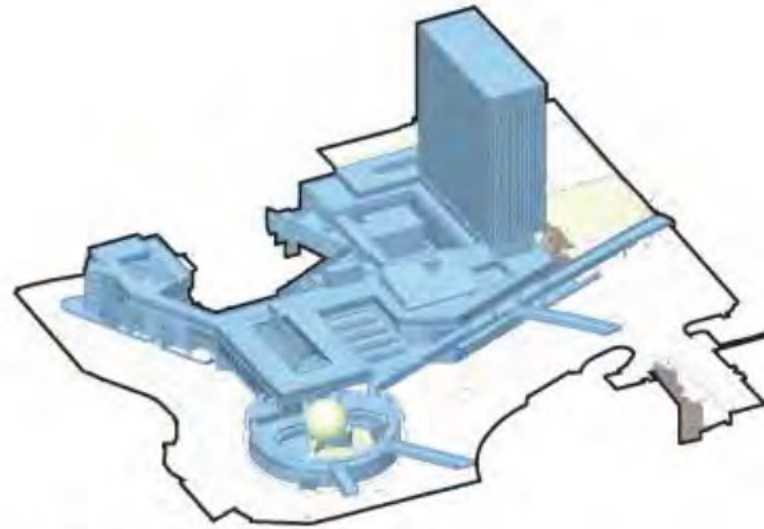
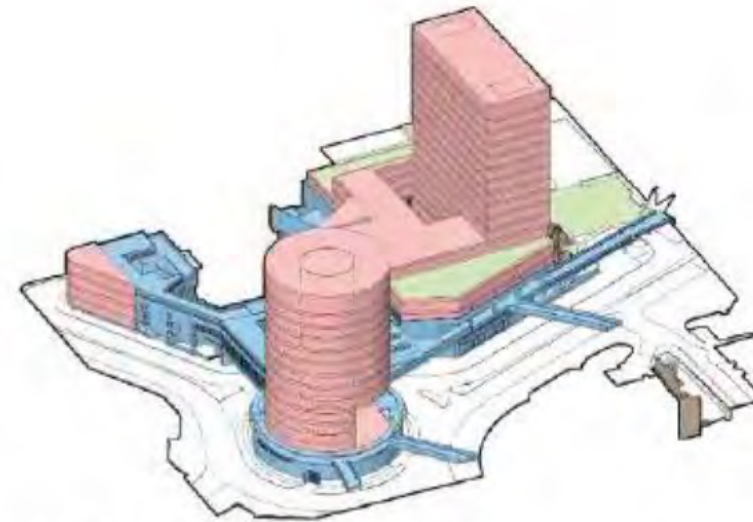


Figure 6—9 Whole Lifecycle Carbon Emissions per m²



No intervention



Major refurbishment



Minor refurbishment



New build

NEW MOL OFFICE SPACE

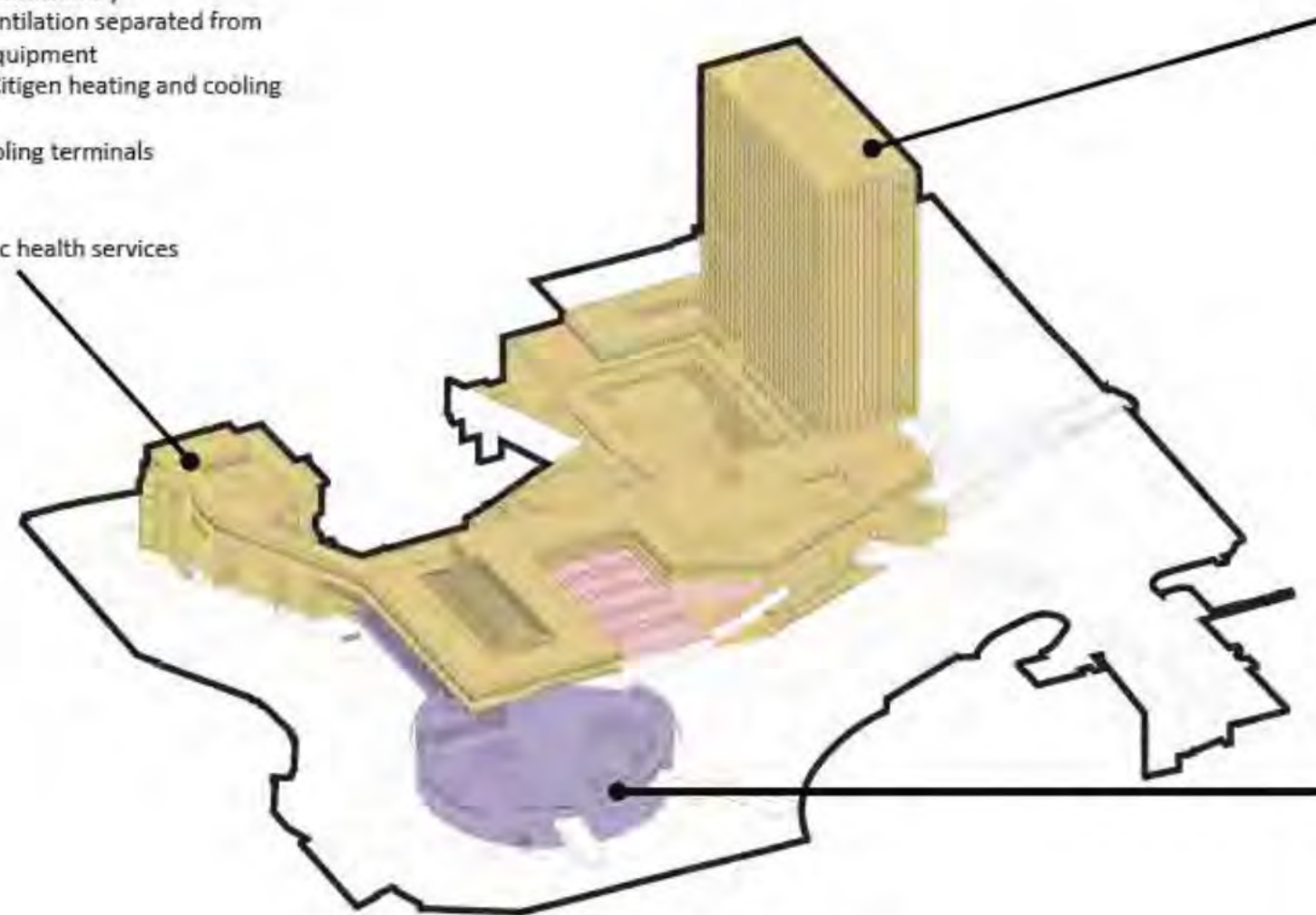
- Convert suitable museum space to office space
- New cladding, stick façade system, operable windows
- Anti-carbonation treatment to concrete
- Internal insulation to retained solid elements
- New MEP installations:
 - New lift cars and machinery
 - Roof plant for ventilation separated from cultural venue equipment
 - New dedicated Citigen heating and cooling connections
 - New heating/cooling terminals
 - Re-wire
 - Re-lighting
 - Renewal of public health services

BASTION HOUSE

- Refurbished office space
- New cladding, stick façade system, operable windows
- Anti-carbonation treatment to concrete
- Internal insulation to roof and lowest floor
- New MEP installations:
 - New lift cars and machinery
 - Increased roof plant for increased ventilation
 - Retain Citigen heating and cooling connections
 - New heating/cooling terminals
 - Re-wire
 - Re-lighting
 - Renewal of public health services

NEW CULTURAL SPACE

- Refurbish existing Museum of London to whitebox Cultural Space
- Replace glazing
- Anti-carbonation treatment to concrete
- Internal insulation to retained solid elements
- New MEP installations:
 - New lift cars and machinery
 - New ventilation equipment to suit
 - Retain Citigen heating and cooling connections
 - New ducted heating/cooling to FOH areas and heating/cooling terminals to BOH areas
 - Re-wire
 - Re-lighting
 - Renewal of public health services



- Exhibition/Event/Cultural Space
- Retail F&B
- Office

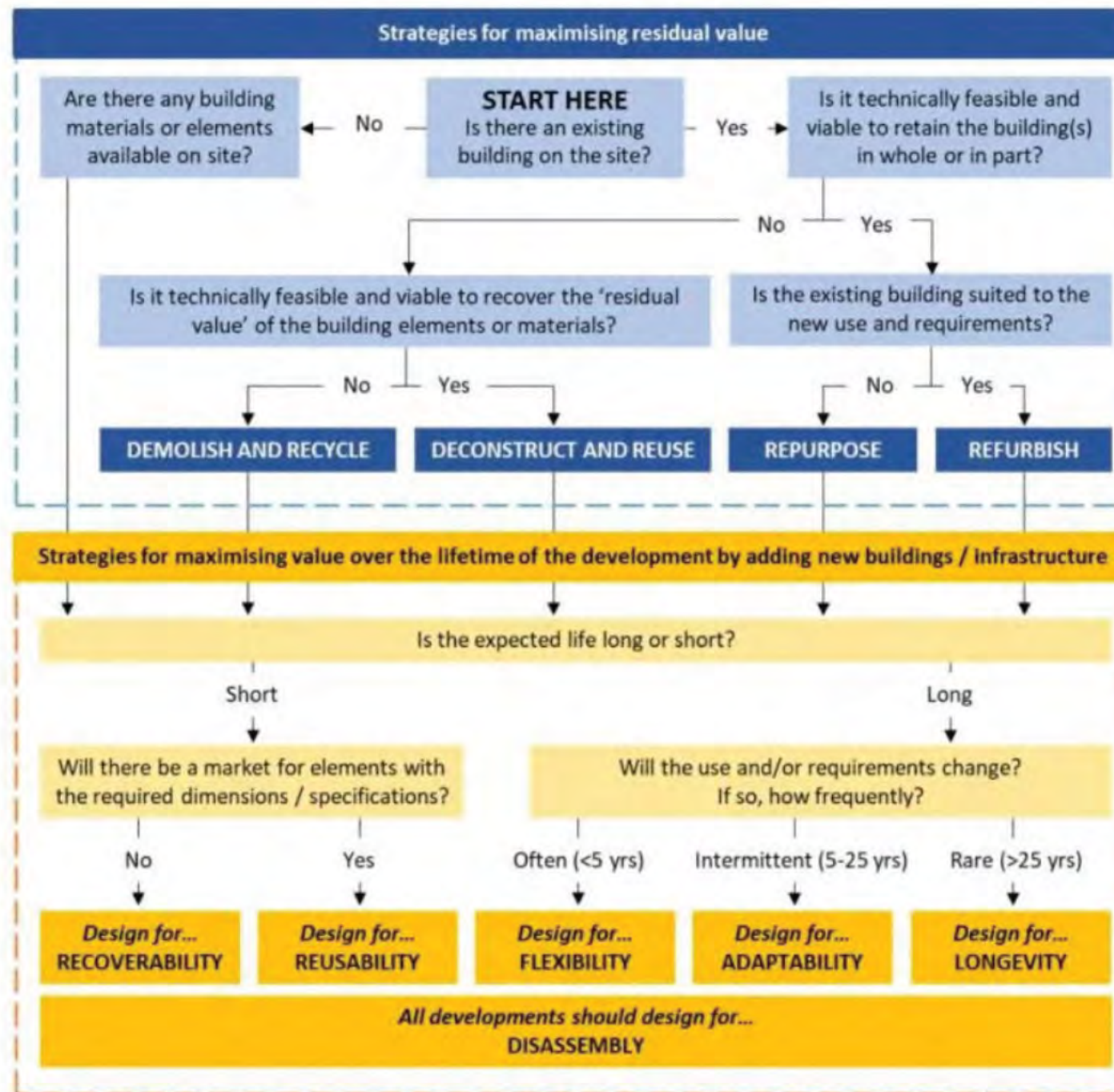


Figure 3.1: Illustration 3

RE-USE STUDY - OPTION 0

