Utilities Report

Utility Type	
Electricity	AFFECTED
Gas	AFFECTED
Water and Sewerage	AFFECTED
Telecoms	AFFECTED
Other	AFFECTED

Report Information

Works Description: Legal Conveyancing

B — This is Batch B - Responses Enclosed

Complete - Please see 'Understanding This Report'

This report is issued for the site described as:

Site off Tintagel Drive, Harrow

Report Reference:

245014417_1

National Grid Reference:

517940,192470

Customer Reference:

LM / 86287

Report Date:

20 July 2020

CONTACT DETAILS

If you require any assistance please contact our customer services team on:

0844 844 9966

or by email at:

helpdesk@landmark.co.uk

Conveyancing Information Executive

The Property Ombudsman

Utilities Report

Understanding This Report

We have asked a comprehensive list of Utility companies whether they have any apparatus or underground services in the vicinity of the site.

Location Map

This shows the plan that was dispatched to the Utility companies. The companies have been asked to return information on the area outlined, which will encompass your chosen site.

Request Status Report

This will confirm the current status of the information requests. We list which responses we have received and whether the company is affected. The Status Report will be divided into the following sections.

Affected Utilities - We have received plans/information

No response received - We are still awaiting a full response

Not affected utilities - We have received a not affected/no plant present response

Responses

Affected responses are listed by company.
Any responses from companies confirming they are not affected are provided at the back of the report for your records.

‘Awaiting Further Responses’ or ‘Pack Complete’ ?

We do not include Local Authority requests when indicating if the pack is ‘Complete’ or ‘Awaiting Further Responses’ as Local Authorities are not obliged to reply to these enquiries.

The local authority for the area is contacted to see if they have any council owned property that may be affected by works. In general, these plant enquiries go to the highways department for responses regarding street lighting and drainage. However, the responses we receive can vary each time depending on resources available at the council and we often don’t receive replies from local authorities at all.

Response Times

We endeavour to obtain as much of the information as possible within the timescale of this report. Unfortunately, there are occasions when the response times of the utility companies mean we do not receive all information within the chosen timescale.

In these scenarios we will send all the information that is available as a first report. When we receive any remaining responses, the report will be re-issued in full incorporating the new information. This will continue until the report is complete.The front page of the report will confirm the batch (e.g. A, B or C) and whether responses are outstanding.

Terms and Conditions

Full Terms and Conditions can be found on the following link: http://www.landmarkinfo.co.uk/Terms/Show/515
Please note that Utility reports have a validity of 3 months from the date of purchase.
If you experience difficulties accessing our Terms and Conditions, please copy and paste the link directly into your browser, you will then be able to access our Terms and Conditions from there. Should you still experience difficulties, please telephone our Customer Service Team on 0844 844 9966.

Next Steps:

For any queries regarding the report content, or help with the report, contact your Landmark Customer Services team.

Utilities Report

Landmark Utilities Report Service PAS 128 Statement

Prepared for: **Landmark Information Group Ltd**
Practitioner: Atkins
Order Number: 86287
Site Name: Site off Tintagel Drive, Harrow
Date of Order: 19 June 2020
Date of Issue: 15 July 2020

Thank you for using our Utility Report Service.

This report has been completed in accordance with the standards defined under Survey Category D of PAS128, a Publicly Available Specification for underground utility detection, verification and location published by the British Standards Institution.

Positional accuracy of plant is not guaranteed from information presented in a desktop search alone and the location of underground utilities should be verified through other means prior to breaking ground.

Information relating to the presence of Radio Frequency Identification Devices (RFIDs) has been requested from relevant utility companies or taken from mapping systems where available.

Utility companies who have not responded to enquiries are referenced on the enclosed Status Report accordingly. Their response will be chased and forwarded on for a period of up to four working weeks. Whilst we cannot guarantee that a utility company will respond to our enquiries, we endeavour to obtain responses from those that have not responded.

Any responses contained within this report have been obtained between the start date of the order and the date of issue.

If you want to discuss your report further with us please contact Landmark Customer Services.

Utilities Report

Reference:	245014417_1	Checked by:	SM
Site Name:	Site off Tintagel Drive, Harrow	Site size (ha):	0.19

Overview of Site



Map Scale:	1:1500
Defining Coordinates (& postcodes):	517938 192470,517971 192497,517918 192473,517955 192507,517941 192433 HA7 4SL,HA7 4SR

Note: Utility asset information has been requested for the whole area demarcated by the red boundary.

Request Status Report B LM / 86287

Site off Tintagel Drive, Harrow **HA7 4SR**

OSGR: 517940,192470

Date Requested: 19 June 2020 **Client Reference:**

245014417_1

Affected Utilities We have received plans/information from the following companies. Please see the enclosed response.

Utility	Category	Date Issued	Late Response Issue Date	Notes
Affinity Water - (Central Region)	Water	15 July 2020		
Cadent Gas Ltd	Gas	15 July 2020		
Environment Agency	Environmental Agency	15 July 2020		See response.
LinesearchbeforeUdig	Other	15 July 2020		UK Power Networks - identified as affected. See separate response.
Openreach - [British Telecommunications]	Telecom	15 July 2020		
Thames Water	Water, Sewerage	15 July 2020		Sewer only.
UK Power Networks	Electric	15 July 2020		
Utility Assets	Electric	15 July 2020		See response.
Virgin Media	Telecom		20 July 2020	Supplied in Batch B.

No Response Received We are still awaiting a full response from the following companies.

Utility	Category	Date Issued	Late Response Issue Date	Notes
London Borough Of Harrow	Council			
London Underground	Rail			Not ordered as requested*

* You have ordered a report without London Underground Ltd plans due to the nature of your works. An additional search of London Underground Ltd is available on request from £200 + VAT from your search provider customer services team.

Not Affected Utilities We have received a not affected/no plant present response from the following companies.

Utility	Category	Date Issued	Late Response Issue Date	Notes
C.A. Telecom UK - [Colt Technology Services]	Telecom	15 July 2020		
CityFibre	Telecom	15 July 2020		
GTC	Telecom, Gas, Electric, Water	15 July 2020		
Instalcom - [CenturyLink, Global Crossing, Fibernet & Fiberspan]	Telecom	15 July 2020		
Last Mile	Gas, Electric	15 July 2020		
London Underground - Power Distribution	Rail	15 July 2020		
Network Rail	Rail	15 July 2020		
SKY Telecommunications Services	Telecom	15 July 2020		
Transport for London	Highways	15 July 2020		
Verizon	Telecom	15 July 2020		
Vodafone	Telecom	15 July 2020		

Checked and Validated By SNM

Date 15 July 2020

Definition of Terms

Affected - Utility supplier is expected to be affected by any work carried out in the area searched as their records indicate their plant is in or close to the area searched. It is recommended to anybody carrying out works in the area that they should consult with the utility company as soon as possible and in any event prior to carrying out any works.

No Response Received - At the date of sending the report no response has been received from the utility supplier.

Not Affected - Utility supplier is not expected to be affected by any work carried out in the area searched as their records indicate their plant is not in or close to the area searched.

Utilities Report



Affected Utilities

Affinity Water - (Central Region)

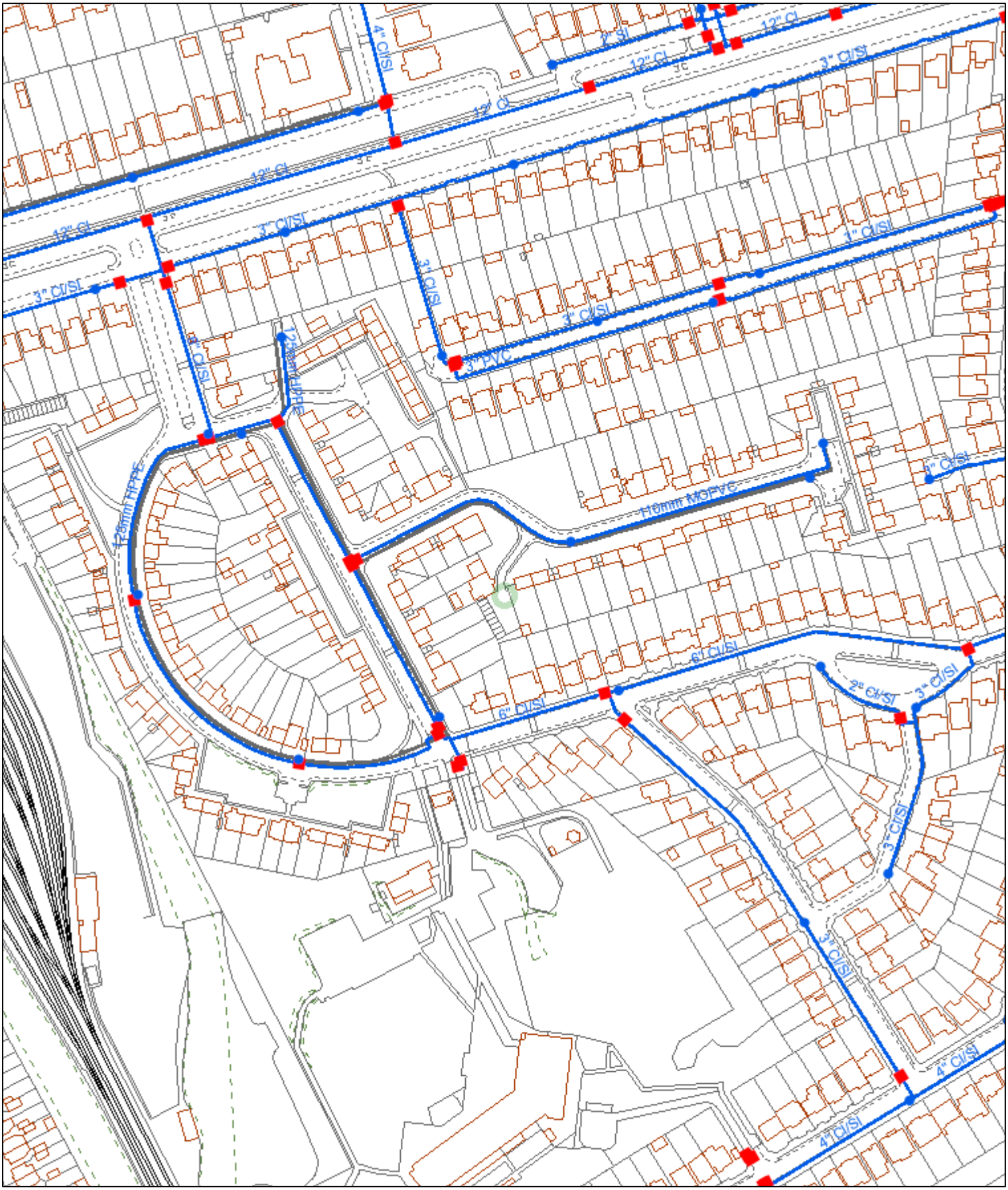
Landmark® INFORMATION GROUP

Affinity Water

86287

CHECKED

Created on - 22/06/2020



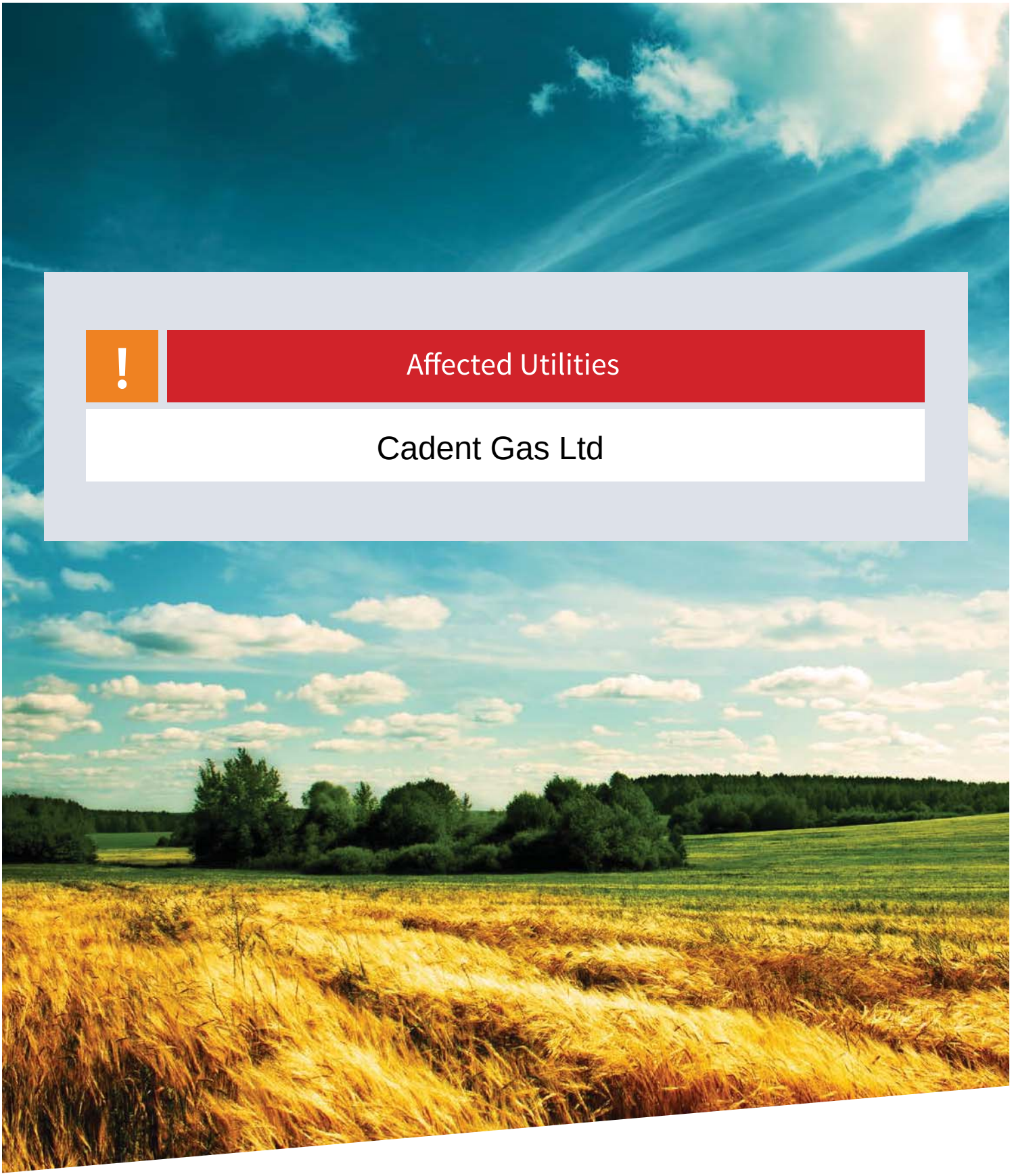
© Affinity Water Limited. Based upon the Ordnance Survey map by Affinity Water Limited with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office. © Crown Copyright and database rights 2017 Ordnance Survey 100022432. Plans are the property of Affinity Water Limited and may not be reproduced or distributed in any form (or any part) without the written permission of Affinity Water Limited.
Plans are continuously being updated, so out of date plans should be destroyed and not relied upon. The position of apparatus shown on this plan is provided for guidance only and should not be relied upon as being precise. Therefore the Company accepts no responsibility in the event of inaccuracy. Service pipes are not necessarily shown on this plan. Cover is normally 915mm for mains and 750mm for communication pipes but this may vary.
The actual position of apparatus must be determined on site by making hand dug trial holes. The Company requires a minimum of two working days notice of the intention to excavate trial holes.
Except where prior written permission has been obtained, it is an offence under Section 174 of the Water Industry Act 1991 to operate or interfere with any valves, hydrants or other apparatus vested in Affinity Water.

N

1:2,500

- Distribution Main
- Asbestos Distribution Main
- Abandoned Main
- Asbestos Abandoned Main
- Adit / Tunnel
- Cable
- Searched Location
- Hydrant
- Fitting
- Easement
- Company Boundary

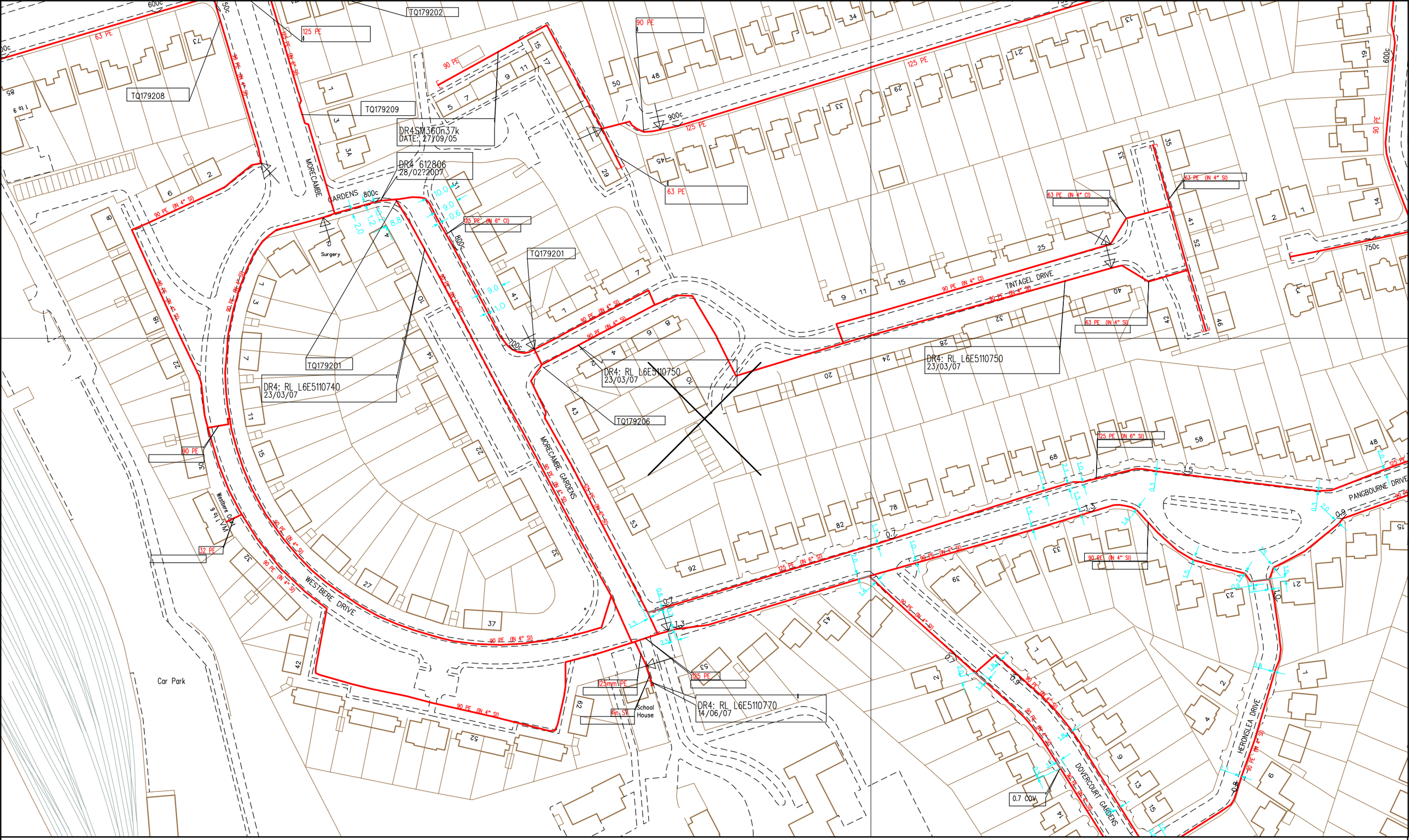
Utilities Report



Affected Utilities

Cadent Gas Ltd

Landmark® INFORMATION GROUP



SCALE: 1 : 1250

USER ID: RUGI2389

DATE: 01/07/2020

EXTRACT DATE: 03/03/2020

MAP REF: TQ1792

CENTRE: 517938, 192470

LP MAINS

MP MAINS

IP MAINS

LHP MAINS

Some examples of Plant Items:

Valve | Depth of Cover | Syphon | Diameter Change | Material Change | Out of Standard Service

This plan shows those pipes owned by Cadent Gas Ltd in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Ltd or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.

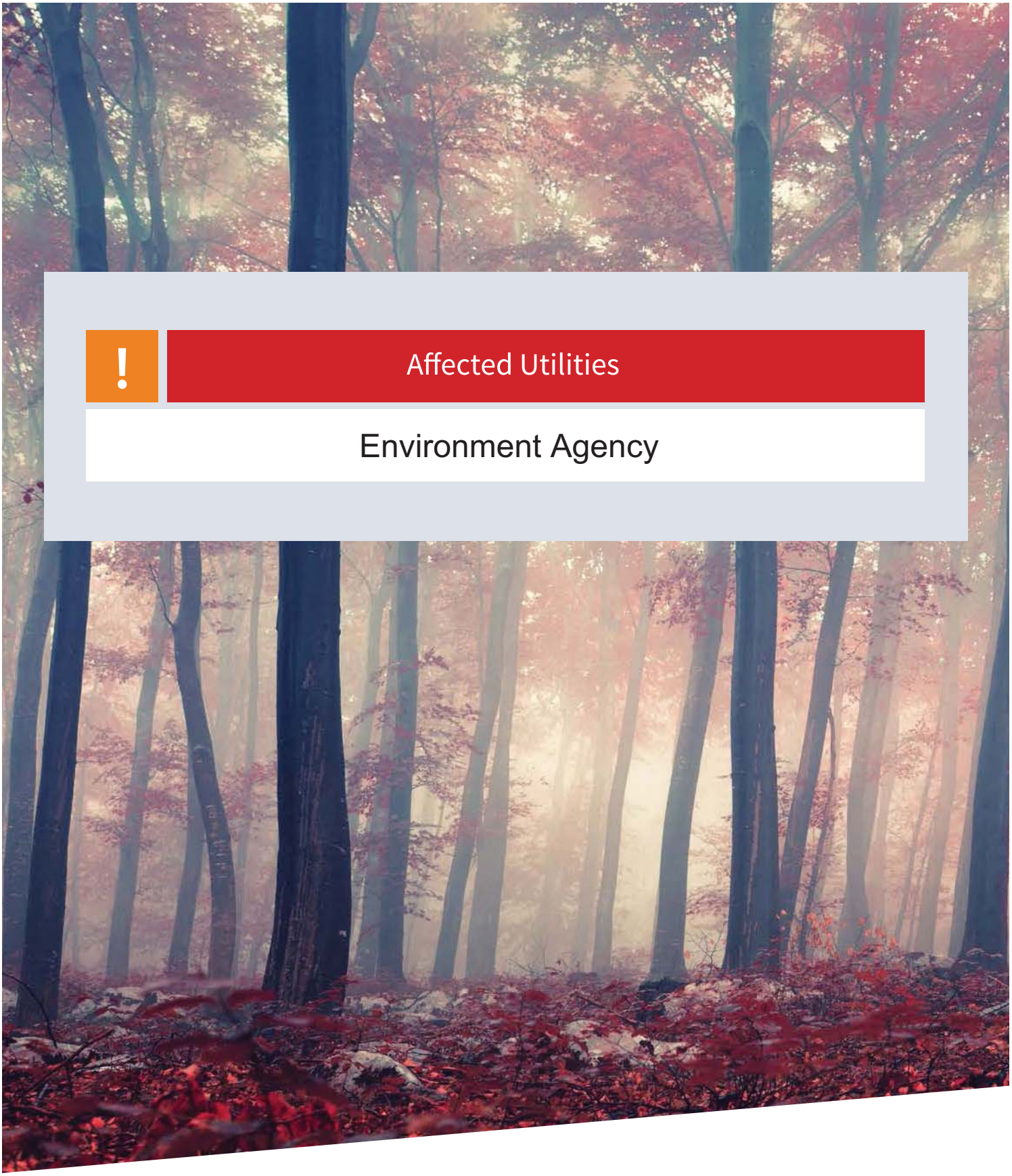
CHECKED

MAPS Viewer Version 5.8.0.1

Local Machine

This plan is reproduced from or based on the OS map by Cadent Gas Ltd, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.

Utilities Report



Affected Utilities

Environment Agency

Landmark® INFORMATION GROUP

From: Enquiries, Unit <enquiries@environment-agency.gov.uk>
Sent: 20 June 2020 16:42
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

To whom it may concern,

You may need an environmental permit if you intend to carry out work in, under, over or near to a main river flood or sea defence. You can find more information about this at:

https://www.gov.uk/guidance/flood-risk-activities-environmental-permits

Although the Environment Agency is classed as a statutory undertaker for certain purposes, we do not generally have plant equipment or pipelines situated in the public highway.

We have drafted this reply without conducting a specific search of our records. We ask that you make the necessary checks and if you have reason to think that your proposal will affect land or equipment which we own or is close to a watercourse as defined above, please resubmit your enquiry making this clear in your reply.

Best Regards

Jonathan

From: requests.utilitysolutions@atkinsglobal.com
[mailto:requests.utilitysolutions@atkinsglobal.com]
Sent: 19 June 2020 09:00
Cc: requests.utilitysolutions@atkinsglobal.com
Subject: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Our Reference: 86287
Site Name: Site off Tintagel Drive, Harrow
Works Description: Development Appraisal
Site Grid References: 517938 192470,517971 192497,517918 192473,517955 192507,517941 192433

To whom it may concern,

Please find enclosed a plant enquiry for your attention.

We request plans showing the location of your company's affected plant in relation to the entire site area shown within the boundary on the attached map. Grid references and postcodes relative to the site boundary are provided on the attached map to help you locate the site.

Within your response please quote our reference number and the name of the site shown above. If you do not have any apparatus in this area, please could you send written confirmation to declare that no apparatus is affected. Please also include information relating to the use and location of Radio Frequency Identification Devices (RFIDs) where available.

Standard notice *[not for use with Special Data, Personal Data or unlicensed 3rd party rights]*

Information warning

We (The Environment Agency) do not promise that the Information supplied to You will always be accurate, free from viruses and other malicious or damaging code (if electronic), complete or up to date or that the Information will provide any particular facilities or functions or be suitable for any particular purpose. You must ensure that the Information meets your needs and are entirely responsible for the consequences of using the Information. Please also note any specific information warning or guidance supplied to you.

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- The Information is protected by intellectual property rights and whilst you have certain statutory rights which include the right to read the Information, you are granted no additional use rights whatsoever unless you agree to the licence set out below.
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- To activate this licence you do not need to contact us (unless you need to pay us a Commercial licence fee) but if you make any use in excess of your statutory rights you are deemed to accept the terms below.

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We grant you a worldwide, royalty-free (apart from the £50 licence fee for commercial use), perpetual, non-exclusive licence to use the Information subject to the conditions below.

You are free to:

- copy, publish, distribute and transmit the Information
- adapt the Information
- exploit the Information commercially, for example, by combining it with other Information, or by including it in your own product or application

You must (where you do any of the above):

- acknowledge the source of the Information by including the following attribution statement:
  "Contains Environment Agency information © Environment Agency and database right"
- ensure that you do not use the Information in a way that suggests any official status or that We endorse you or your use of the Information
- ensure that you do not mislead others or misrepresent the Information or its source or use the Information in a way that is detrimental to the environment, including the risk of reduced future enhancement
- ensure that your use of the Information does not breach the Data Protection Act 1998 or the Privacy and Electronic Communications (EC Directive) Regulations 2003

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"Information" means the information that is protected by copyright or by database right (for example, literary and artistic works, content, data and source code) offered for use under the terms of this licence.

"Commercial" means:

- offering a product or service containing the Information, or any adaptation of it, for a charge, or
- internal use for any purpose, or offering a product or service based on the Information for indirect commercial advantage, by an organisation that is primarily engaged in trade, commerce or a profession.

Utilities Report



! Affected Utilities

LinesearchbeforeUdig

Landmark® INFORMATION GROUP

Enquiry Confirmation

LSBUD Ref: 19162295

Date of enquiry: 19/06/2020
Time of enquiry: 08:51

Enquirer

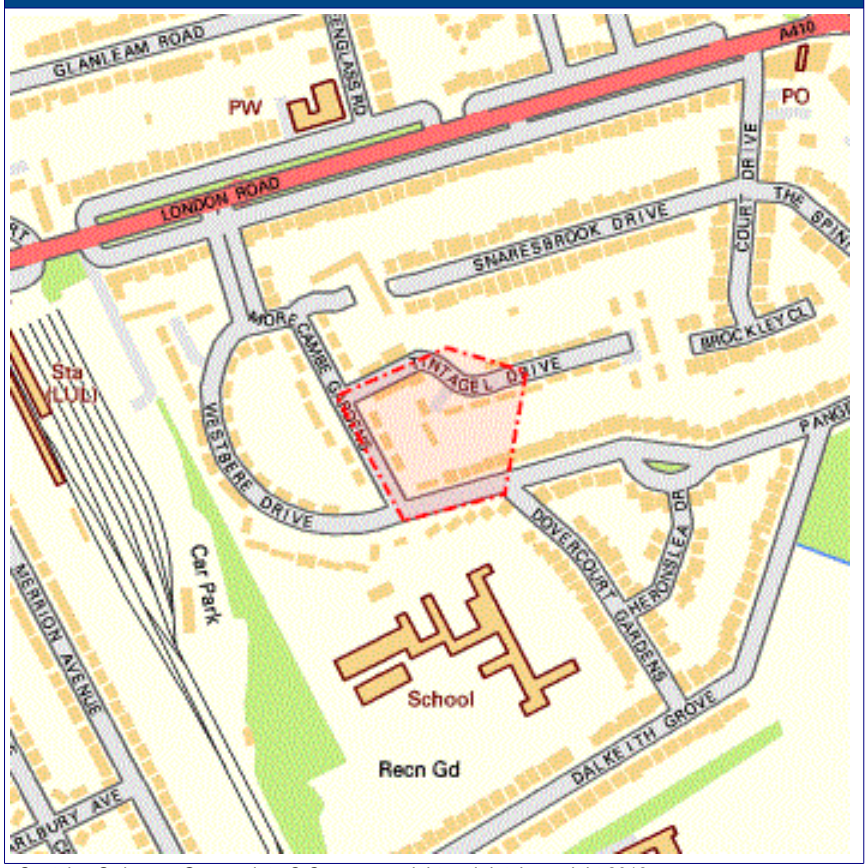
Name	Ms Christina Elliott	Phone	01454 662397
Company	Atkins	Mobile	Not Supplied
Address	500 Park Avenue Aztec West Almondsbury Bristol BS32 4RZ		
Email	stat.enquiries@atkinsglobal.com		

Enquiry Details

Scheme/Reference	LM 86287/SuC		
Enquiry type	Initial Enquiry	Work category	Utility Works
Start date	15/07/2020	Work type	Single excavation site
End date	15/10/2020	Site size	15195 metres square
Searched location	XY= 517940, 192470	Work type buffer*	25 metres
Confirmed location	517944 192449		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works			

* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.

Site Map



Contains Ordnance Survey data © Crown copyright and database right 2018

Enquiry Confirmation

Date of enquiry:
Time of enquiry:

LSBUD Members who have assets registered on the LSBUD service within the vicinity of your search area.

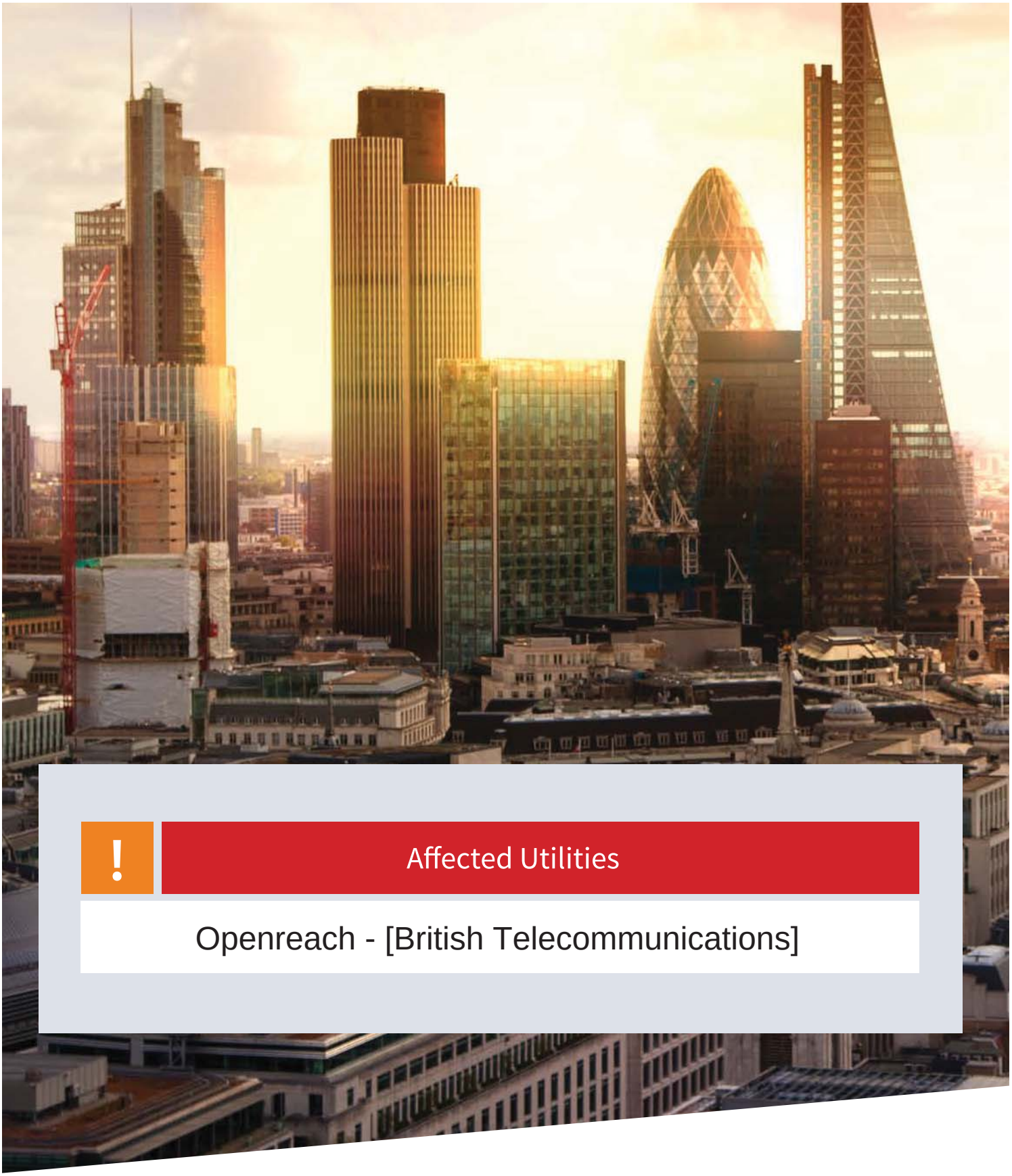
List of affected LSBUD members			
Asset Owner	**Phone/Email**	**Emergency Only**	**Status**
UK Power Networks	08000565866	08000565866	Notification Sent

LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area. Please be aware that LSBUD Members make regular changes to their assets and this list may vary for new enquiries in the same area.

List of not affected LSBUD members		
AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
BP Exploration Operating Company Limited	BPA	Carrington Gas Pipeline
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
Chrysaor Production (UK) Limited	CLH Pipeline System Ltd	CNG Services Ltd
Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd	Diamond Transmission Corporation
DIO (MOD Abandoned Pipelines)	Drax Group	E.ON UK CHP Limited
EirGrid	Electricity North West Limited	ENI & Himor c/o Penspen Ltd
EnQuest NNS Limited	EP Langage Limited	ESP Utilities Group
ESSAR	Esso Petroleum Company Limited	Fulcrum Pipelines Limited
Gamma	Gateshead Energy Company	Gigaclear Ltd
Gtt	Heathrow Airport LTD	Humbly Grove Energy
IGas Energy	INEOS FPS Pipelines	INEOS Manufacturing (Scotland and TSEP)
INOVYN Enterprises Limited	Intergen (Coryton Energy or Spalding Energy)	Jurassic Fibre Ltd
Mainline Pipelines Limited	Manchester Jetline Limited	Manx Cable Company
Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited	Murphy Utility Assets
National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	Northumbrian Water Group	NPower CHP Pipelines
Oikos Storage Limited	Ørsted	Perenco UK Limited (Purbeck Southampton Pipeline)
Petroineos	Phillips 66	Portsmouth Water
Premier Transmission Ltd (SNIP)	Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)
RWEnpower (Little Barford and South Haven)	SABIC UK Petrochemicals	Scottish and Southern Electricity Networks
Scottish Power Generation	Seabank Power Ltd	SES Water
SGN	Shell	Shell NOP
SSE (Peterhead Power Station)	SSE Enterprise Telecoms	SSE Utility Solutions Limited
Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)	Total Finaline Pipelines
Transmission Capital	Uniper UK Ltd	Vattenfall
Veolia ES SELCHP Limited	Veolia ES Sheffield Ltd	Wales and West Utilities
West of Duddon Sands Transmission Ltd	Western Power Distribution	Westminster City Council

Zayo Group UK Ltd c/o JSM Group Ltd

Utilities Report



!

Affected Utilities

Openreach - [British Telecommunications]

Landmark® INFORMATION GROUP

CHECKED

openreach

Our Ref: Ref shown on map

Date of issue: shown on map

email: nnhc@openreach.co.uk

Dear Customer,

NR & SW ACT 1991 – PROPOSED WORKS AT: ****SITE LOCATION****

Prior to commencement of work: For free onsite guidance and accurate up to date location of BT Apparatus please contact our Plant Protection Service by the following methods:-

Email the Click Before You Dig Team CBYD@openreach.co.uk
Visit the Click Before You Dig Website www.openreach.co.uk/cbyd

Thank you for your request of **/**/** describing the above proposals.

Enclosed are copies of our drawings marked up to show the approximate locations of BT apparatus in the immediate vicinity of your works. It is intended for general guidance only. No guarantee is given of its accuracy.

The drawings are valid for 90 days from the date of issue and should not be relied upon after this time period has expired.

When planning excavation work or other works near to BT apparatus, please be mindful our apparatus may exist at various depths and may deviate from the marked route.

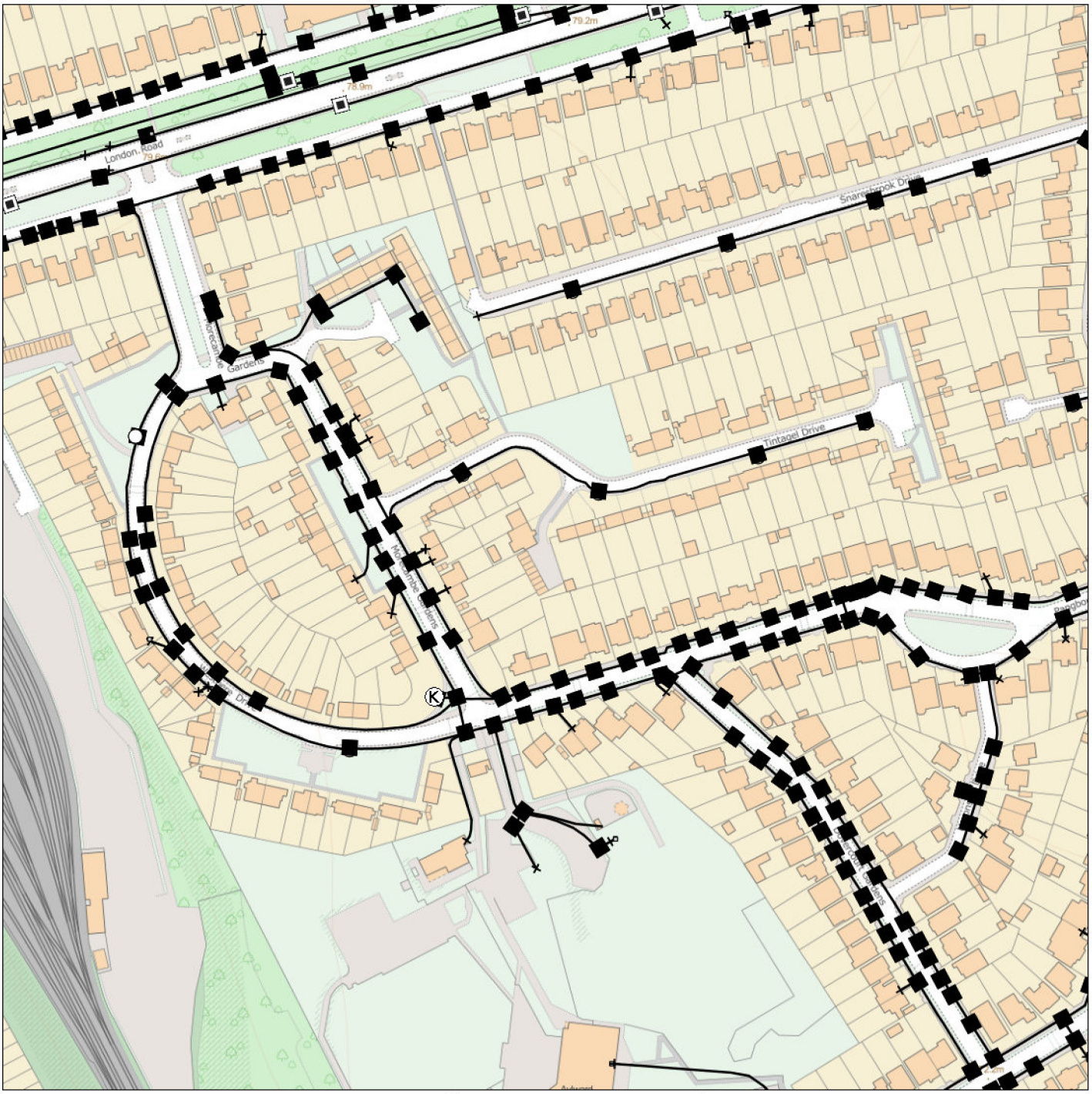
To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of BT apparatus. If scaffolding is erected, please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by the scaffolding.

In the event of BT apparatus being in the area of your works we recommend that your plant/vehicle crossing is either resited, or apply for a budget estimate by submitting detailed plans to our Network Relocation Team at https://www.ournetwork.openreach.co.uk/altering-our-network.aspx

Yours faithfully,

Jason Carrington
NNHC & MBE Manager

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd

Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

Reproduced from the Ordnance Survey map by BT
by permission of Ordnance Survey on behalf of the
Controller of Her Majesty's Stationary Office
(C) Crown Copyright British Telecommunications plc 100028040

KEY TO BT SYMBOLS

	Planned	Live
PCP		
Pole		
Box		
Manhole		
Cabinet		

Change Of State	+	Hatchings	
Split Coupling	×	Built	
Duct Tee	▲	Planned	
Building		Inferred	
Kiosk	K	Duct	

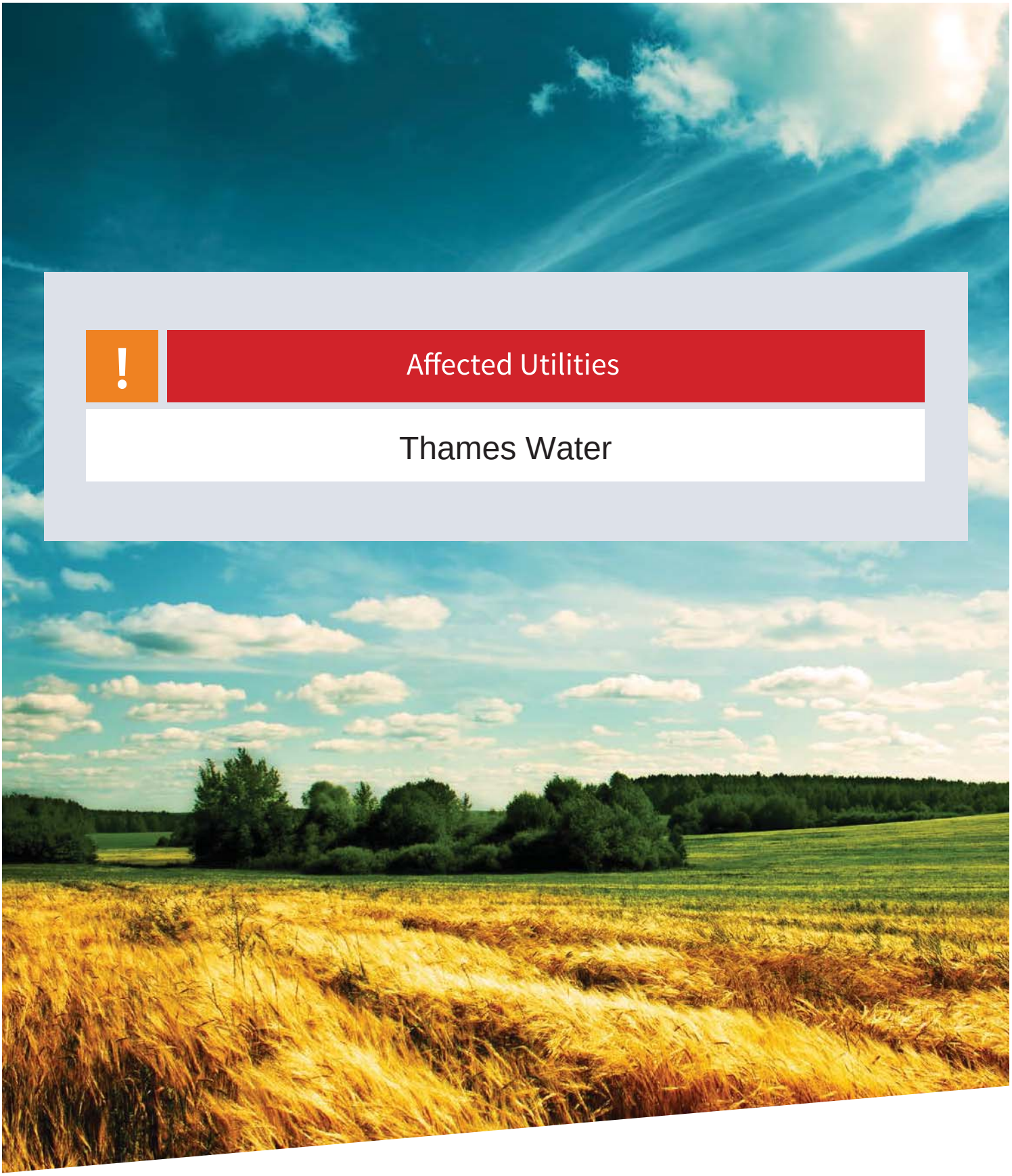
Other proposed plant is shown using dashed lines.
BT Symbols not listed above may be disregarded.
Existing BT Plant may not be recorded.
Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.

	Pending Add	In Place	Pending Remove	Not In Use
Power Cable				
Power Duct				N/A

BT Ref : LWW09374R
Map Reference : (centre) TQ1794492470
Easting/Northing : (centre) 517944,192470
Issued : 22/06/2020 09:38:07

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

Utilities Report



!

Affected Utilities

Thames Water

Landmark® INFORMATION GROUP

Asset location search

Property Searches

CHECKED

Atkins Telecoms
Stats Enquiries Team The Hub
500Park Avenue
BRISTOL
BS32 4RZ

Search address supplied Site off Tintagel Drive, Harrow
HA7 4SR

Your reference 86287

Our reference ALS/ALS Standard/2020_4201205

Search date 22 June 2020

Knowledge of features below the surface is essential for every development

The benefits of this knowledge not only include ensuring due diligence and avoiding risk, but also being able to ascertain the feasibility of any development.

Did you know that Thames Water Property Searches can also provide a variety of utility searches including a more comprehensive view of utility providers' assets (across up to 35-45 different providers), as well as more focused searches relating to specific major utility companies such as National Grid (gas and electric).

Contact us to find out more.

Thames Water Utilities Ltd
Property Searches, PO Box 3189, Slough SL1 4WW
DX 151280 Slough 13

searches@thameswater.co.uk
www.thameswater-propertysearches.co.uk

0845 070 9148

Asset location search

Property Searches

Search address supplied: Site off Tintagel Drive, Harrow, HA7 4SR

Dear Sir / Madam

An Asset Location Search is recommended when undertaking a site development. It is essential to obtain information on the size and location of clean water and sewerage assets to safeguard against expensive damage and allow cost-effective service design.

The following records were searched in compiling this report: - the map of public sewers & the map of waterworks. Thames Water Utilities Ltd (TWUL) holds all of these.

This searchprovides maps showing the position, size of Thames Water assets close to the proposed development and also manhole cover and invert levels, where available.

Please note that none of the charges made for this report relate to the provision of Ordnance Survey mapping information. The replies contained in this letter are given following inspection of the public service records available to this company. No responsibility can be accepted for any error or omission in the replies.

You should be aware that the information contained on these plans is current only on the day that the plans are issued. The plans should only be used for the duration of the work that is being carried out at the present time. Under no circumstances should this data be copied or transmitted to parties other than those for whom the current work is being carried out.

Thames Water do update these service plans on a regular basis and failure to observe the above conditions could lead to damage arising to new or diverted services at a later date.

Contact Us

If you have any further queries regarding this enquiry please feel free to contact a member of the team on 0845 070 9148, or use the address below:

Thames Water Utilities Ltd
Property Searches
PO Box 3189
Slough
SL1 4WW

Email: searches@thameswater.co.uk
Web: www.thameswater-propertysearches.co.uk

Asset location search

Thames Water Property Searches

Waste Water Services

Please provide a copy extract from the public sewer map.

Enclosed is a map showing the approximate lines of our sewers. Our plans do not show sewer connections from individual properties or any sewers not owned by Thames Water unless specifically annotated otherwise. Records such as "private" pipework are in some cases available from the Building Control Department of the relevant Local Authority.

Where the Local Authority does not hold such plans it might be advisable to consult the property deeds for the site or contact neighbouring landowners.

This report relates only to sewerage apparatus of Thames Water Utilities Ltd, it does not disclose details of cables and or communications equipment that may be running through or around such apparatus.

The sewer level information contained in this response represents all of the level data available in our existing records. Should you require any further Information, please refer to the relevant section within the 'Further Contacts' page found later in this document.

For your guidance:

- The Company is not generally responsible for rivers, watercourses, ponds, culverts or highway drains. If any of these are shown on the copy extract they are shown for information only.
- Any private sewers or lateral drains which are indicated on the extract of the public sewer map as being subject to an agreement under Section 104 of the Water Industry Act 1991 are not an ‘as constructed’ record. It is recommended these details be checked with the developer.

Clean Water Services

Please provide a copy extract from the public water main map.

With regard to the fresh water supply, this site falls within the boundary of another water company. For more information, please redirect your enquiry to the following address:

Affinity Water Ltd
Tamblin Way
Hatfield
AL10 9EZ
Tel: 0345 3572401

For your guidance:

- Assets other than vested water mains may be shown on the plan, for information only.
- If an extract of the public water main record is enclosed, this will show known public water mains in the vicinity of the property. It should be possible to estimate the likely length and route of any private water supply pipe connecting the property to the public water network.

Payment for this Search

A charge will be added to your suppliers account.

Further contacts:

Waste Water queries

Should you require verification of the invert levels of public sewers, by site measurement, you will need to approach the relevant Thames Water Area Network Office for permission to lift the appropriate covers. This permission will usually involve you completing a TWOSA form. For further information please contact our Customer Centre on Tel: 0845 920 0800. Alternatively, a survey can be arranged, for a fee, through our Customer Centre on the above number.

If you have any questions regarding sewer connections, budget estimates, diversions, building over issues or any other questions regarding operational issues please direct them to our service desk. Which can be contacted by writing to:

Developer Services (Waste Water)
Thames Water
Clearwater Court
Vastern Road
Reading
RG1 8DB

Tel: 0800 009 3921
Email: developer.services@thameswater.co.uk

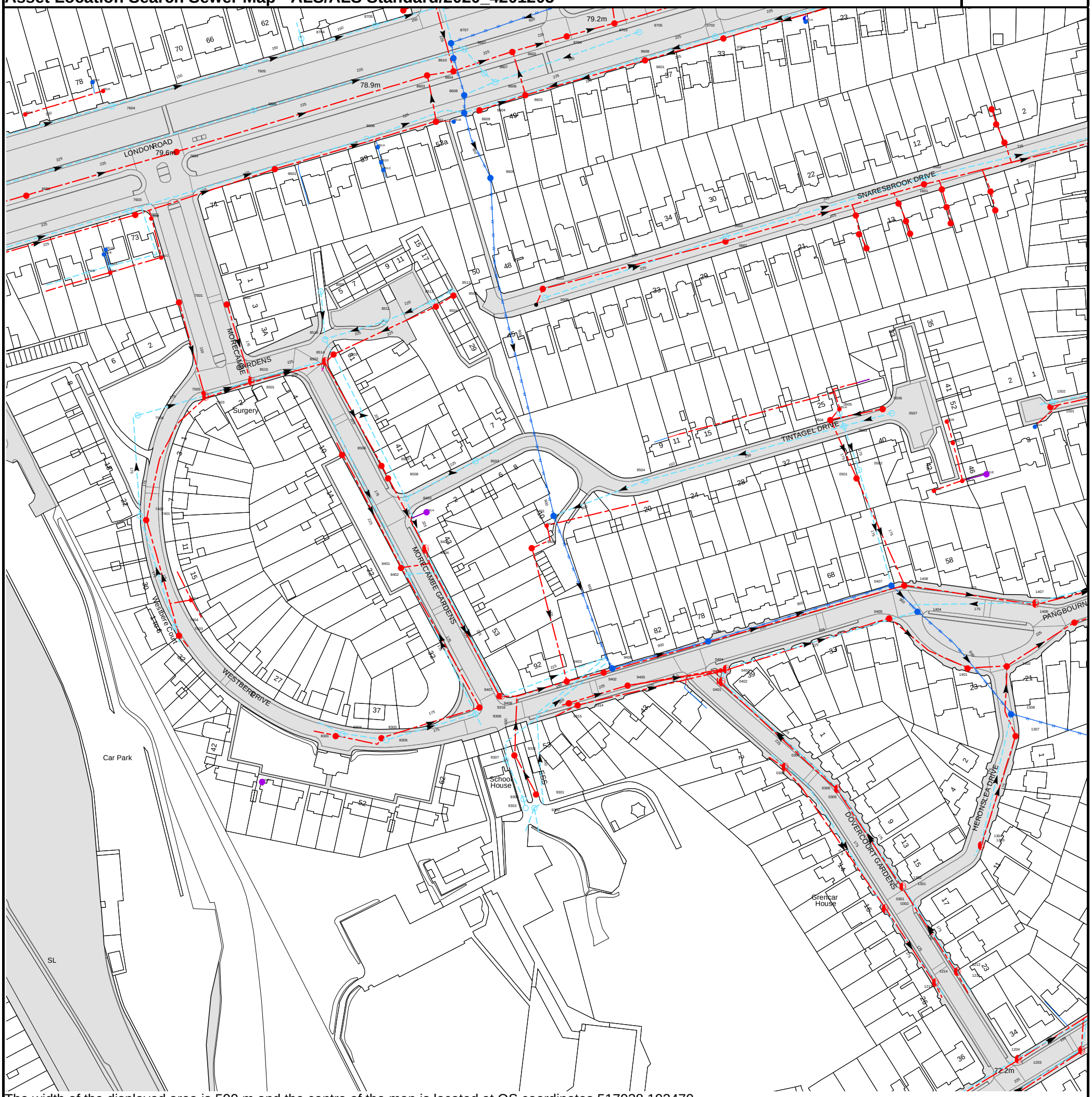
Clean Water queries

Should you require any advice concerning clean water operational issues or clean water connections, please contact:

Developer Services (Clean Water)
Thames Water
Clearwater Court
Vastern Road
Reading
RG1 8DB

Tel: 0800 009 3921
Email: developer.services@thameswater.co.uk

Asset Location Search Sewer Map - ALS/ALS Standard/2020_4201205



The width of the displayed area is 500 m and the centre of the map is located at OS coordinates 517938,192470

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

Based on the Ordnance Survey Map with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

Manhole Reference	Manhole Cover Level	Manhole Invert Level
9608	79.18	77.57
9705	79.53	78.5
9601	79.32	77.44
0702	80.74	79.18
0701	80.81	78.74
071A	n/a	n/a
9602	78.94	76.06
9603	77.71	76.18
9704	79.24	75.97
9703	79.52	75.8
7604	79.68	78.37
7605	78.96	77.95
8605	84.63	83.61
8704	78.77	77.83
8705	78.41	77.6
8701	78.36	76.78
8603	78.88	76.25
8602	77.59	76.74
8706	78.28	76.9
8707	78.52	76.77
8610	78.79	76.64
8604	78.84	76.19
861B	n/a	n/a
8609	77.56	76.21
8607	78.89	76.88
8608	77.86	76.29
9604	77.58	76.71
9607	78.74	76.46
9606	78.24	76.4
6601	80.73	77.45
751B	n/a	n/a
761B	n/a	n/a
761A	n/a	n/a
751A	n/a	n/a
751C	n/a	n/a
7603	78.82	77.09
7601	78.72	77.27
7504	n/a	n/a
7402	75.56	74.21
7401	75.57	73.96
761D	n/a	n/a
761C	n/a	n/a
7404	77.41	75.99
7602	79.62	76.96
7501	76.35	74.64
7403	77.35	75.68
741A	n/a	n/a
7505	75.16	72.3
7503	75.16	72.3
7502	76.03	74.33
8515	74.66	72.04
661A	n/a	n/a
761F	n/a	n/a
761E	n/a	n/a
16DE	n/a	n/a
151A	n/a	n/a
1501	74.98	73.58
1502	74.96	73.94
16DD	n/a	n/a
16DC	n/a	n/a
1203	71.32	68.58
1204	71.32	69.09
1205	71.95	69.33
1206	71.95	69.81
1213	72.48	70.47
1214	72.48	70.14
1211	72.49	70.13
1212	72.49	70.13
0302	72.02	70.32
0301	72.02	69.82
1301	71.9	69.79
1302	71.9	70.05
1303	70.11	68.72
1304	70.11	68.72
0305	72.33	69.48
0306	72.33	69.94
0303	72.67	70.76
0304	72.67	70.76
1307	69.61	68.26
1308	69.56	66.88
0403	72.25	68.98
0404	72.25	69.43
1401	69.64	68.48
1402	69.52	67.95
1403	71.23	67.58
0405	70.18	68.73
1404	70.2	67.81
1406	71.08	68.57
1407	71.08	69.16
1408	70.39	69.2
0407	70.3	67.96

Manhole Reference	Manhole Cover Level	Manhole Invert Level
0602	78.62	74.34
0504	75.01	72.61
0505	75.36	73.02
051A	n/a	n/a
0503	74.94	72.18
06AH	n/a	n/a
0501	74.67	n/a
0502	75.26	n/a
06AG	n/a	n/a
06AF	n/a	n/a
0506	74.7	72.88
0507	74.58	72.45
06AD	n/a	n/a
16CH	n/a	n/a
16CG	n/a	n/a
1602	77.58	73.68
1601	77.59	73.29
141C	n/a	n/a
16CE	n/a	n/a
16CD	n/a	n/a
151B	n/a	n/a
16CC	n/a	n/a
151C	n/a	n/a
151D	n/a	n/a
151E	n/a	n/a
16BJ	n/a	n/a
16BI	n/a	n/a
831A	n/a	n/a
9307	75.65	71.51
9311	75.65	71.66
8305	77.13	75.45
8303	77.21	75.31
8301	77.98	76.06
8304	77.92	76.19
9308	75.28	73.37
9316	75.3	73.29
9314	74.09	72.09
9315	74.15	72.23
9408	75.23	71.17
9407	75.23	70.91
9405	73.67	71.78
0401	72.6	69.06
0402	72.6	69.56
9403	74.12	71.12
9402	73.65	70.65
9406	73.48	69.58
0406	72.3	69.02
8402	73.25	71.7
8401	73.23	71.48
8404	73.18	71.57
8405	73.18	71.24
9404	73.86	72.26
941A	n/a	n/a
9401	73.98	71.01
841A	n/a	n/a
8403	72.93	71.72
9504	75.44	73.66
8508	73.27	n/a
8507	73.35	71.54
9503	73.75	72.17
8506	73.46	72.18
8501	74.66	72.04
8502	74.08	71.86
8514	74.08	71.86
8503	74.21	72.29
8510	74.25	72.89
8511	74.75	73.3
8504	75.11	73.36
8512	75.11	73.84
9506	77.46	75.03
8505	75.1	73.7
8509	75.33	74.05
8513	75.11	74.03
9502	77.46	74.67
0601	78.63	73.97
9605	77.44	n/a
861C	n/a	n/a
8601	78.16	76.92
861D	n/a	n/a
861A	n/a	n/a
8606	77.61	76.51
9304	75.96	71.4
9303	74.59	70.32
9302	75.93	70.73
9301	75.99	71.72

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

ALS Sewer Map Key

Public Sewer Types (Operated & Maintained by Thames Water)

Foul: A sewer designed to convey waste water from domestic and industrial sources to a treatment works.

Surface Water: A sewer designed to convey surface water (e.g. rain water from roofs, yards and car parks) to rivers or watercourses.

Combined: A sewer designed to convey both waste water and surface water from domestic and industrial sources to a treatment works.

Trunk Surface Water

Trunk Foul

Storm Relief

Trunk Combined

Vent Pipe

Bio-solids (Sludge)

Proposed Thames Surface Water Sewer

Proposed Thames Water Foul Sewer

Gallery

Foul Rising Main

Surface Water Rising Main

Combined Rising Main

Sludge Rising Main

Proposed Thames Water Rising Main

Vacuum

Sewer Fittings

A feature in a sewer that does not affect the flow in the pipe. Example: a vent is a fitting as the function of a vent is to release excess gas.

Air Valve

Dam Chase

Fitting

Meter

Vent Column

Operational Controls

A feature in a sewer that changes or diverts the flow in the sewer. Example: A hydrobrake limits the flow passing downstream.

Control Valve

Drop Pipe

Ancillary

Weir

End Items

End symbols appear at the start or end of a sewer pipe. Examples: an Undefined End at the start of a sewer indicates that Thames Water has no knowledge of the position of the sewer upstream of that symbol, Outfall on a surface water sewer indicates that the pipe discharges into a stream or river.

Outfall

Undefined End

Inlet

Other Symbols

Symbols used on maps which do not fall under other general categories

Public/Private Pumping Station

Change of characteristic indicator (C.O.C.I.)

Invert Level

Summit

Areas

Lines denoting areas of underground surveys, etc.

Agreement

Operational Site

Chamber

Tunnel

Conduit Bridge

Other Sewer Types (Not Operated or Maintained by Thames Water)

Foul Sewer

Surface Water Sewer

Combined Sewer

Gulley

Culverted Watercourse

Proposed

Abandoned Sewer

Notes:

1) All levels associated with the plans are to Ordnance Datum Newlyn.
2) All measurements on the plans are metric.
3) Arrows (on gravity fed sewers) or flecks (on rising mains) indicate direction of flow.
4) Most private pipes are not shown on our plans, as in the past, this information has not been recorded.
5) 'na' or '0' on a manhole level indicates that data is unavailable.
6) The text appearing alongside a sewer line indicates the internal diameter of the pipe in milimetres. Text next to a manhole indicates the manhole reference number and should not be taken as a measurement. If you are unsure about any text or symbology present on the plan, please contact a member of Property Insight on 0845 070 9148.

Terms and Conditions

All sales are made in accordance with Thames Water Utilities Limited (TWUL) standard terms and conditions unless previously agreed in writing.

1. All goods remain in the property of Thames Water Utilities Ltd until full payment is received.
2. Provision of service will be in accordance with all legal requirements and published TWUL policies.
3. All invoices are strictly due for payment 14 days from due date of the invoice. Any other terms must be accepted/agreed in writing prior to provision of goods or service, or will be held to be invalid.
4. Thames Water does not accept post-dated cheques-any cheques received will be processed for payment on date of receipt.
5. In case of dispute TWUL`s terms and conditions shall apply.
6. Penalty interest may be invoked by TWUL in the event of unjustifiable payment delay. Interest charges will be in line with UK Statute Law 'The Late Payment of Commercial Debts (Interest) Act 1998'.
7. Interest will be charged in line with current Court Interest Charges, if legal action is taken.
8. A charge may be made at the discretion of the company for increased administration costs.

A copy of Thames Water's standard terms and conditions are available from the Commercial Billing Team (cashoperations@thameswater.co.uk).

We publish several Codes of Practice including a guaranteed standards scheme. You can obtain copies of these leaflets by calling us on 0800 316 9800

If you are unhappy with our service you can speak to your original goods or customer service provider. If you are not satisfied with the response, your complaint will be reviewed by the Customer Services Director. You can write to her at: Thames Water Utilities Ltd. PO Box 492, Swindon, SN38 8TU.

If the Goods or Services covered by this invoice falls under the regulation of the 1991 Water Industry Act, and you remain dissatisfied you can refer your complaint to Consumer Council for Water on 0121 345 1000 or write to them at Consumer Council for Water, 1st Floor, Victoria Square House, Victoria Square, Birmingham, B2 4AJ.

Ways to pay your bill

Credit Card	**BACS Payment**	**Telephone Banking**	**Cheque**
Call **0845 070 9148** quoting your invoice number starting CBA or ADS / OSS	Account number **90478703** Sort code **60-00-01** A remittance advice must be sent to: **Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW.** or email **ps.billing@thameswater.co.uk**	By calling your bank and quoting: Account number **90478703** Sort code **60-00-01** and your invoice number	Made payable to '**Thames Water Utilities Ltd**' Write your Thames Water account number on the back. Send to: **Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW** or by DX to **151280 Slough 13**

Thames Water Utilities Ltd Registered in England & Wales No. 2366661 Registered Office Clearwater Court, Vastern Rd, Reading, Berks, RG1 8DB.

Utilities Report



Affected Utilities

UK Power Networks

Landmark® INFORMATION GROUP

Registered Office:
Newington House
237 Southwark Bridge Road
London SE1 6NP

Registered in England and Wales No: 3870728

Company:
UK Power Networks (Operations) Limited

Our Ref: 19162295 Your Ref: LM 86287/SuC

CHECKED

Friday, 19 June 2020

Christina Elliott
500 Park Avenue Aztec West
Almondsbury
Bristol
BS32 4RZ

Dear Christina Elliott

Thank you for contacting us regarding UK Power Networks equipment at the above site. I have enclosed a copy of our records which show the electrical lines and/or electrical plant. I hope you find the information useful.

I have also enclosed a fact sheet which contains important information regarding the use of our plans and working around our equipment. Safety around our equipment is our number one priority so please ensure you have completed all workplace risk assessments before you begin any works.

Should your excavation affect our Extra High Voltage equipment (6.6 KV, 22 KV, 33 KV or 132 KV), please contact us to obtain a copy of the primary route drawings and associated cross sections.

If you have any further queries do not hesitate to contact us.

Plan Provision
0800 056 5866

Registered Office:
Newington House
237 Southwark Bridge Road
London SE1 6NP

Registered in England and Wales No: 3870728

Company:
UK Power Networks (Operations) Limited

This information is made available to you on the terms set out below. If you do not accept the terms of use set out in this fact sheet please do not use the plans and return them to UK Power Networks.

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.

2. UK Power Networks does not exclude or limit its liability if it causes the death of any person or causes personal injury to a person where such death or personal injury is caused by its negligence.

3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise how for any loss, damage, costs, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.

4. The information about UK Power Networks electrical plant and/or electric lines provided to you belongs to and remains the property of UK Power Networks. You must not alter it in any respect.

5. The information provided to you about the electrical plant and/or electric lines depicted on the plans may NOT be a complete record of such apparatus belonging to UK Power Networks. The information provided relates to electric lines and/or electrical plant belonging to UK Power Networks that it believes to be present but the plans are not definitive: other electric lines and/or electrical plant may be present and that may or may not belong to UK Power Networks.

6. Other apparatus not belonging to UK Power Networks is not shown on the plan. It is your responsibility to make your own enquiries elsewhere to discover whether apparatus belonging to others is present. It would be prudent to assume that other apparatus is present.

7. You are responsible for ensuring that the information made available to you is passed to those acting on your behalf and that all such persons are made aware of the contents of this letter.

8. Because the information provided to you may not be accurate, you are recommended to ascertain the presence of UK Power Networks electric lines and/or electrical plant by the digging of trial holes. Trial holes should be dug by hand only.

   Excavations must be carried out in line with the Health and Safety Executive guidance document HSG 47. We will not undertake this work. A copy of HSG 47 can be obtained from the Health and Safety Executives website.

   All electric lines discovered must be considered LIVE and DANGEROUS at all times and must not be cut, resited, suspended, bent or interfered with unless specially authorised by UK Power Networks.

   The electric line and electrical plant belonging to UK Power Networks remains so even when made dead and abandoned and any such electric line and/or electrical plant exposed shall be reported to UK Power Networks.

   Where your works are likely to affect our electric lines and/or electrical plant an estimate of the price of any protective /diversionary works can be prepared by UK Power Networks Branch at Metropolitan House, Darkes Lane, Potters Bar, Herts. , EN6 1AG, telephone no. 0845 2340040

Registered Office:
Newington House
237 Southwark Bridge Road
London SE1 6NP

Registered in England and Wales No: 3870728

Company:
UK Power Networks (Operations) Limited

9 Any work near to any overhead electricity lines must be carried out by you in accordance with the Health and Safety Executive guidance document GS6 and the Electricity at Work Regulations.

The GS6 Recommendations may be purchased from HSE Books or downloaded from the Energy Networks Association's website.

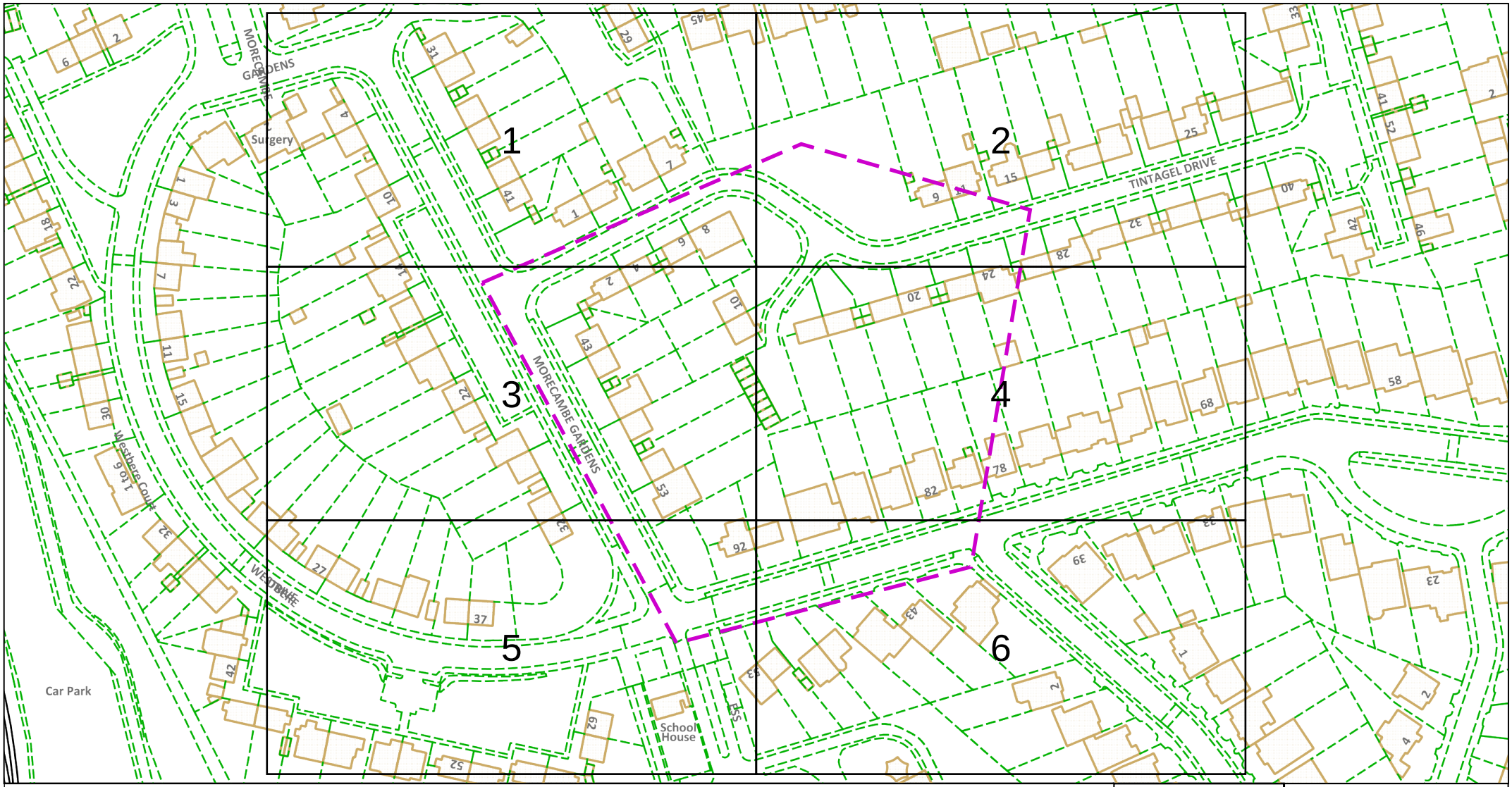
If given a reasonable period of prior notice UK Power Networks will attend on site without charge to advise how and where "goal posts" should be erected. If you wish to use this service, in the first instance please telephone: 0845 6014516 between 08:30 and 17:00 Monday to Friday.

10. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.

11. If in carrying out work on land in, on, under or over which is installed an electric line and/or electrical plant that belongs to UK Power Networks you and/or anyone working on your behalf damages (however slightly) that apparatus you must inform immediately UK Power Networks by our emergency 24 hour three digit telephone number **105** providing;

- your name, address and telephone number;
- the date, time and place at which such damage was caused;
- a description of the electric line and/or electrical plant to which damage was caused;
- the name of the person whom it appears to you is responsible for that damage;
- the nature of the damage.

12. The expression "UK Power Networks" includes UK Power Networks (EPN) plc, UK Power Networks (LPN) plc, UK Power Networks (SEPN) plc, UK Power Networks and any of their successors and predecessors in title.



Dig Sites Area: Line:

The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.

This plan must be used with the attached 'Symbols' document.

Date Requested: 19/06/2020
Job Reference: 19162295
Site Location: 517795 192350
Requested by:
Ms Christina Elliott
Your Scheme/Reference: LM 86287/SuC
Scale: 1:1538 (When plotted at A4)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.
2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.
3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.
4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.
5. All cables must be treated as being live unless proved otherwise by UK Power Networks.
6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.
7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.
8. Please be aware the Low Voltage Overhead power lines are not currently displayed for the Eastern Region via this service, if you require records on the location of these please contact our Plan Provision team directly via plans@ukpowernetworks.co.uk.

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.
2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.
3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.
4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.
5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.
6. Please Note: The Overview map does not display UK Power Networks electricity network and should not be used for the location of UK Power Networks assets. For detail of the electricity network please view the relevant page as highlighted in the Overview map.

N W E S

UK Power Networks

IF IN DOUBT - ASK! PHONE
0800 056 5866
EMERGENCY - If you damage a cable or line
Phone 0800 783 8838 (24hrs)
URGENTLY

LOOK OUT LOOK UP

ALWAYS LOOK UP BEFORE YOU START WORK
Refer to HSE Guidance note GS6

Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.

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Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.



The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.

This plan must be used with the attached 'Symbols' document.

Date Requested: 19/06/2020
Job Reference: 19162295
Site Location: 517795 192350
Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 86287/SuC
Scale: 1:500 (When plotted at A4)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.
2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.
3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.
4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.
5. All cables must be treated as being live unless proved otherwise by UK Power Networks.
6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.
7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.
8. Please be aware the Low Voltage Overhead power lines are not currently displayed for the Eastern Region via this service, if you require records on the location of these please contact our Plan Provision team directly via plans@ukpowernetworks.co.uk.

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2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.
3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.
4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.
5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.
6. Please Note: The Overview map does not display UK Power Networks electricity network and should not be used for the location of UK Power Networks assets. For detail of the electricity network please view the relevant page as highlighted in the Overview map.

N W E S

UK Power Networks

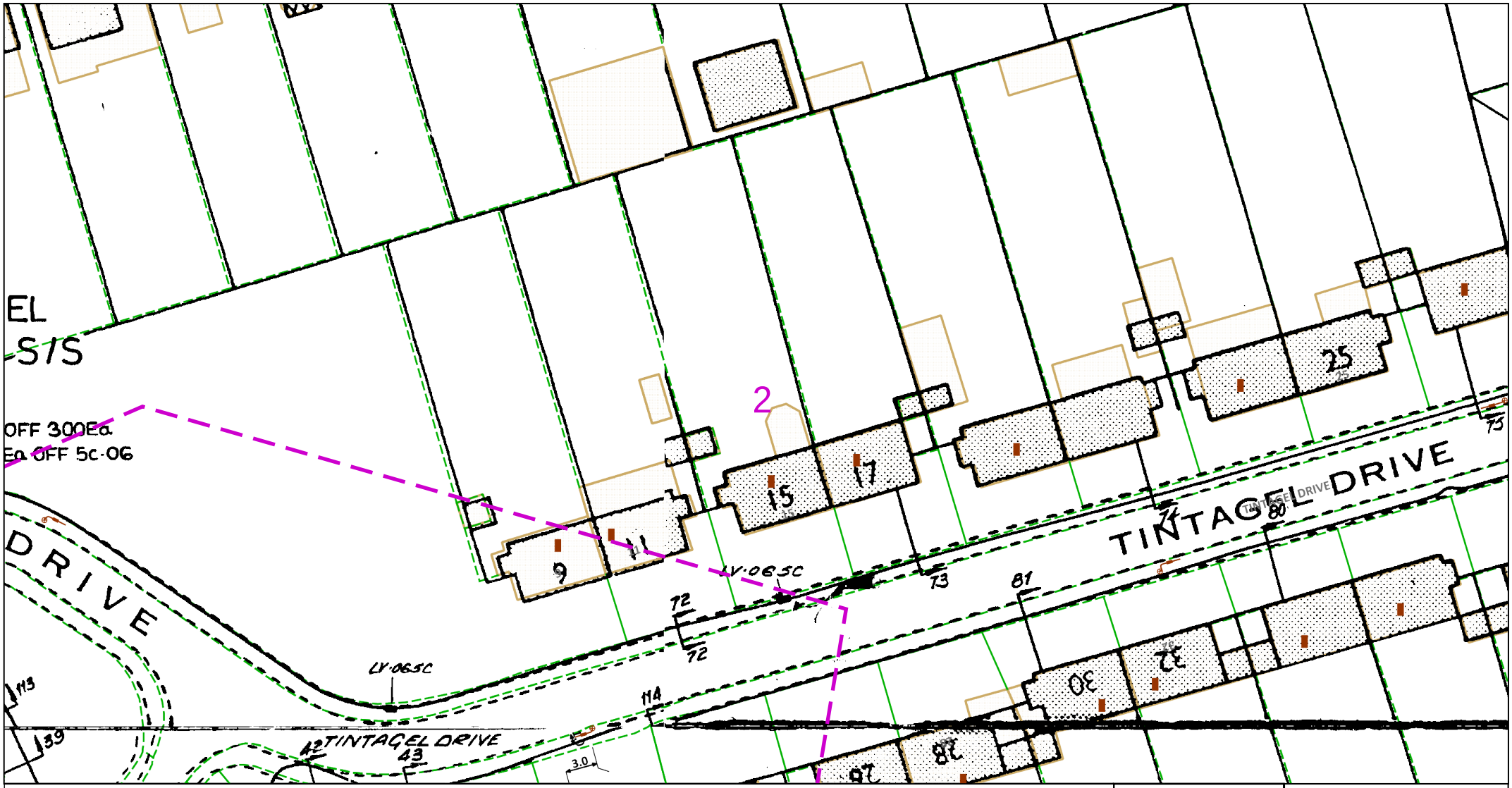
IF IN DOUBT - ASK! PHONE 0800 056 5866
EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY

LOOK OUT LOOK UP

ALWAYS LOOK UP BEFORE YOU START WORK
Refer to HSE Guidance note GS6

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0 12.5 25
metres

Dig Sites Area: Line:

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This plan must be used with the attached 'Symbols' document.

Date Requested: 19/06/2020
Job Reference: 19162295
Site Location: 517795 192350
Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 86287/SuC
Scale: 1:500 (When plotted at A4)

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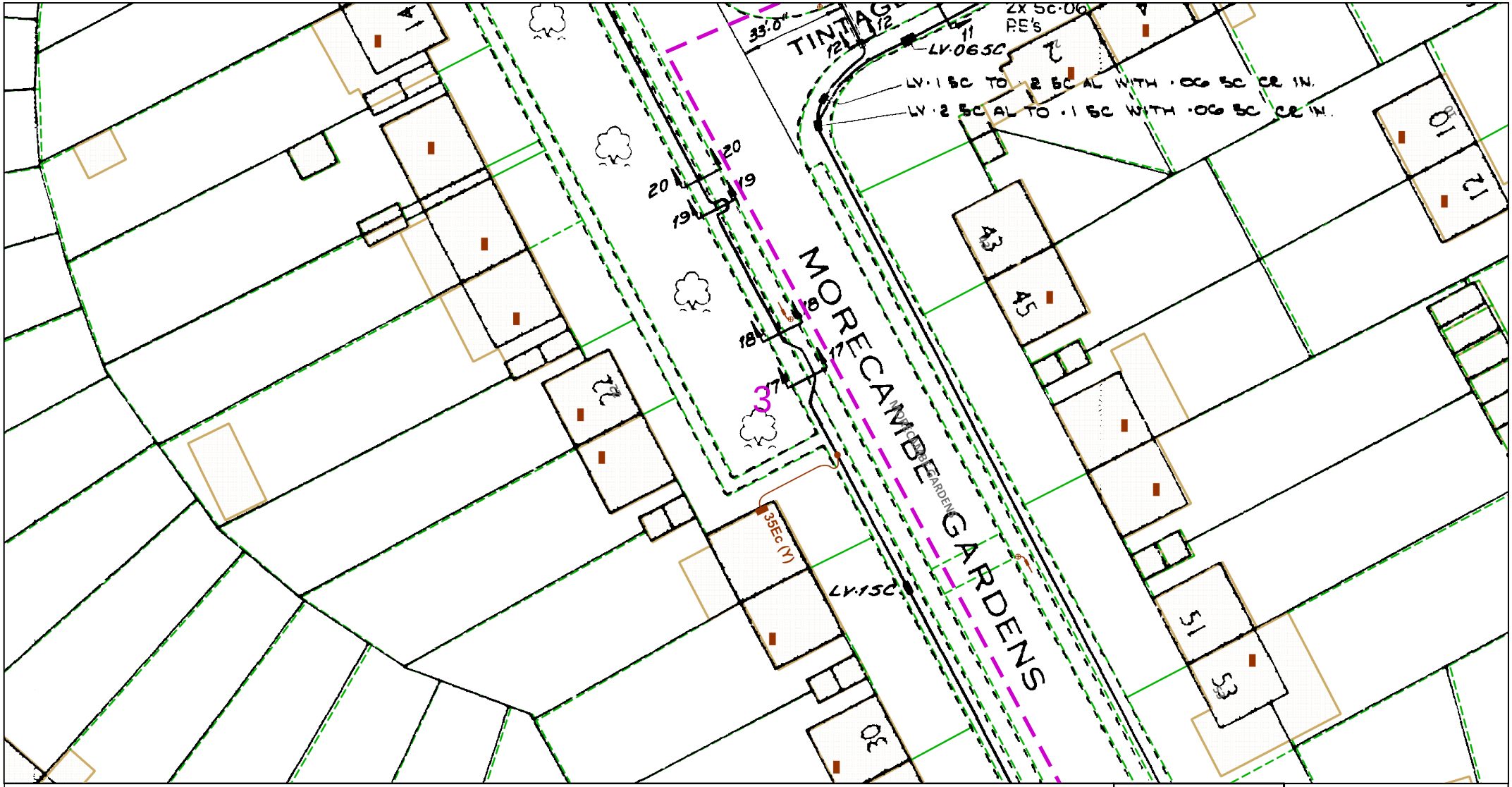
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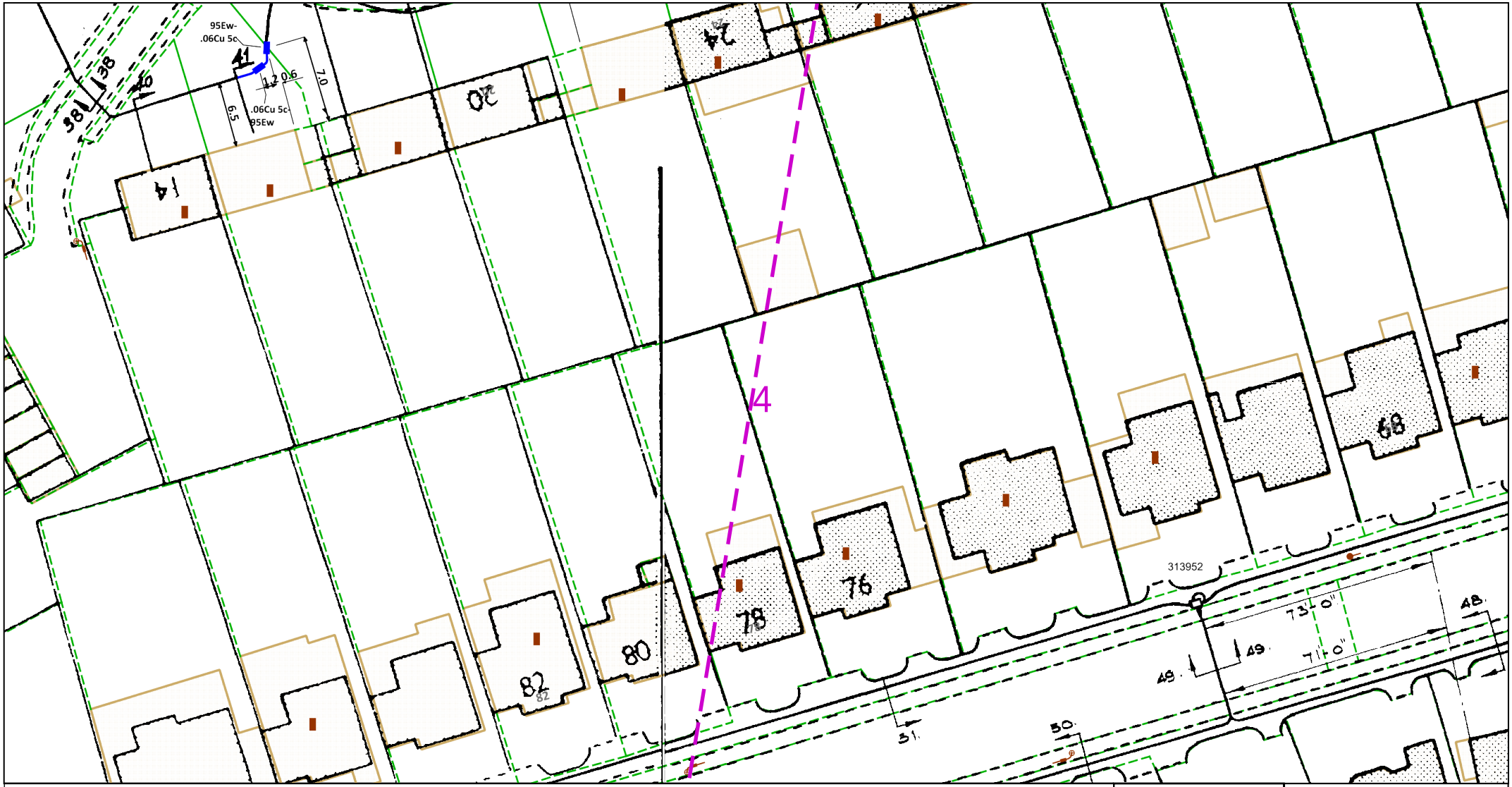
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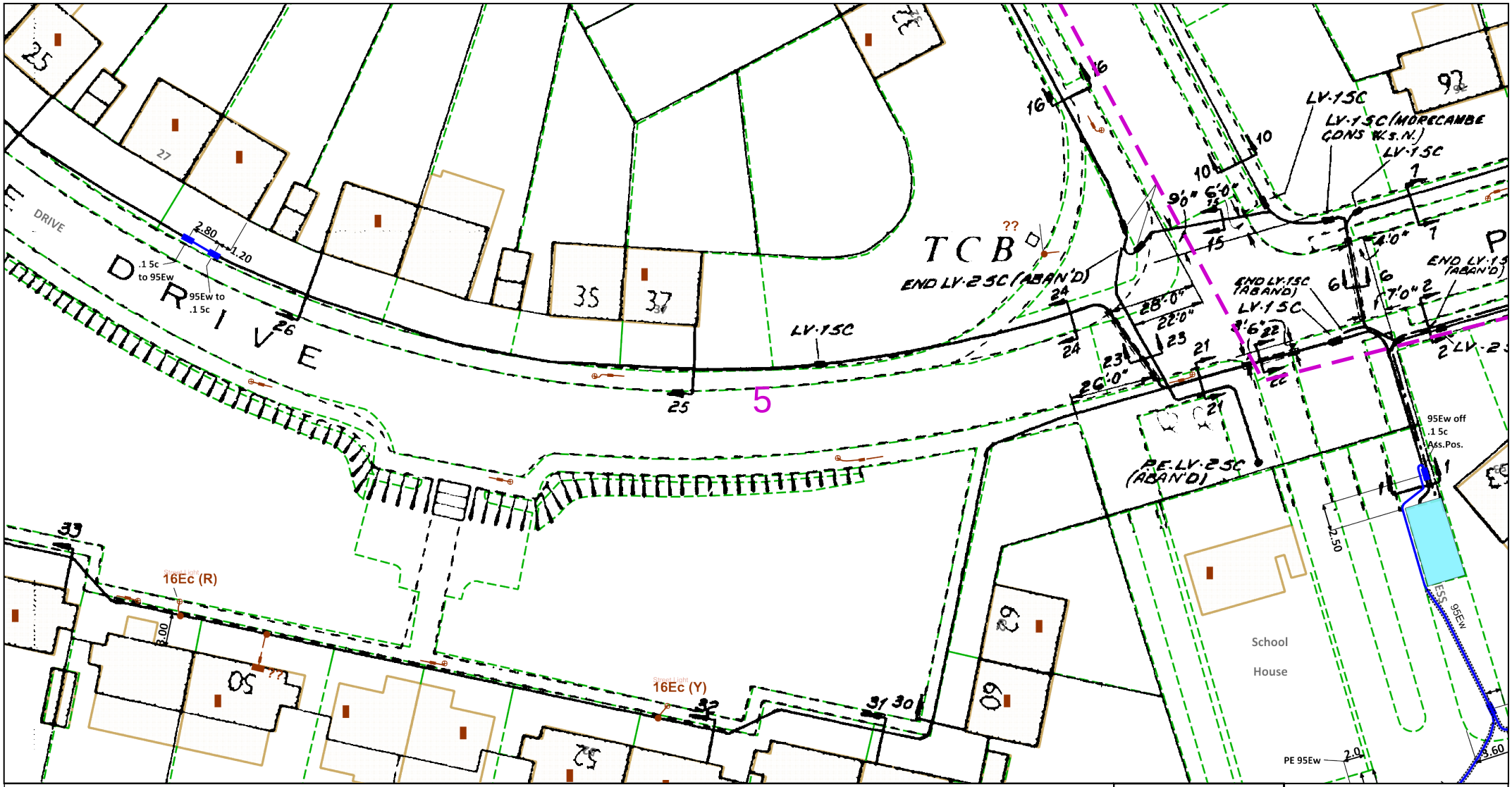
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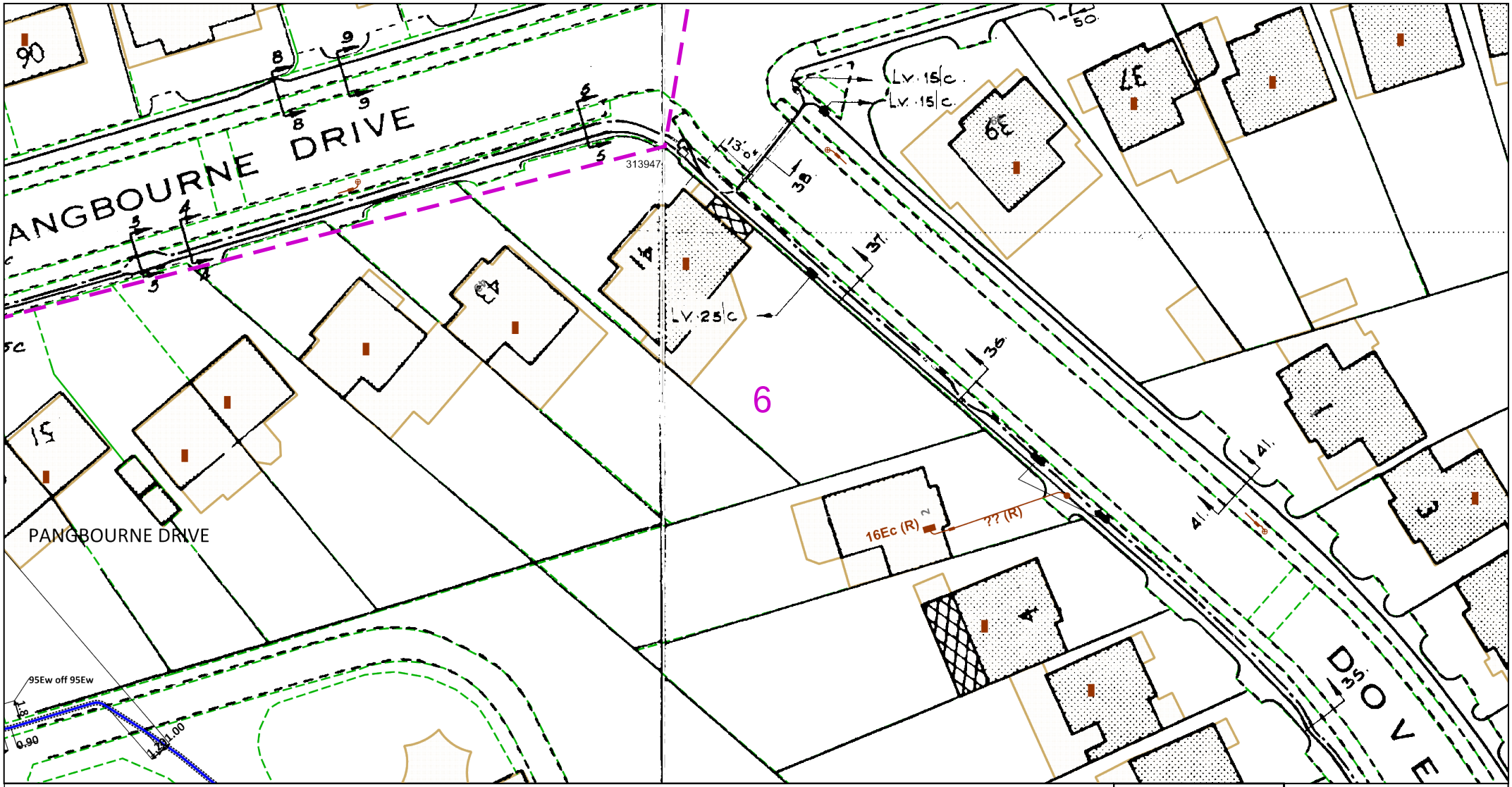
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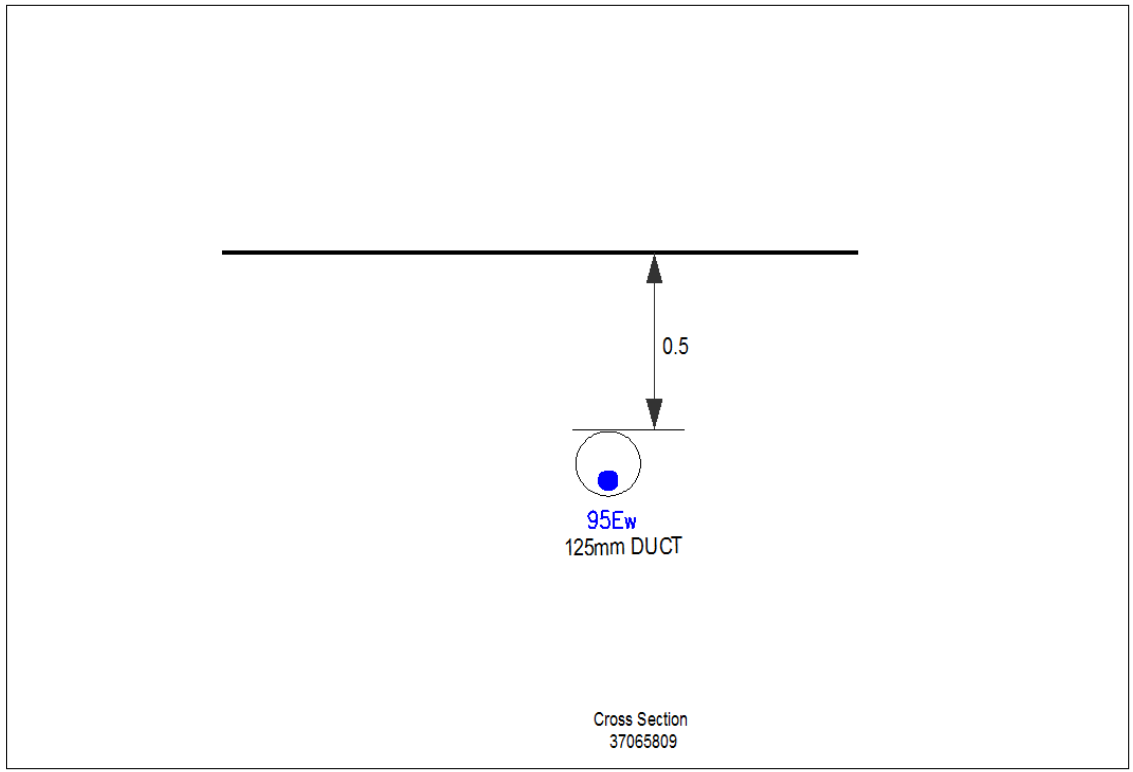
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Cross Section : 37065809



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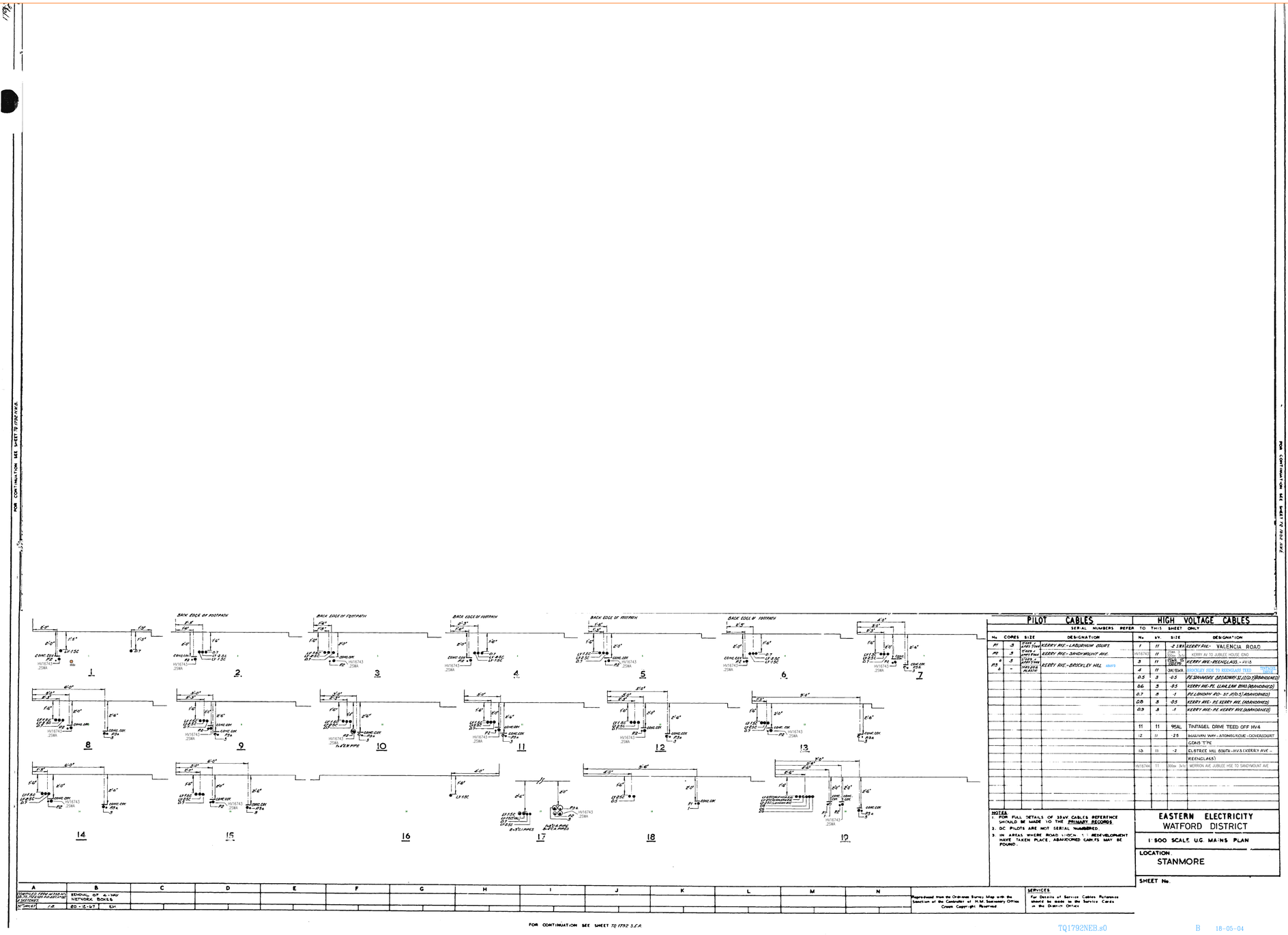
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TQ1792NEB.s0 1:500 LV

s0



PILOT CABLES (SERIAL NUMBERS REFER)				HIGH VOLTAGE CABLES TO THIS SHEET ONLY			
No.	CORES	SIZE	DESIGNATION	No.	kV.	SIZE	DESIGNATION
P1	3	0.047 sq. inch Stranded Copper	KERRY AVE.-LABURNUM COURT	1	11	2.5 SQ. INS.	KERRY AVE- VALENCIA ROAD
P2	3	0.047 sq. inch Stranded Copper	KERRY AVE.-SANDYMOUNT AVE.	HV16743	11	25mm 3 CORE SQ. PAPER	KERRY AV TO JUBILEE HOUSE (ONO.
P3 & 5	3	0.047 sq. inch Stranded Copper Insulated Plastic	KERRY AVE.-BROCKLEY HILL ABAN'D	3	11	300 SQ. MM. SOLDTD.	KERRY AVE.-REENGLASS.-HV16
				4	11	3NLSWA	BROCKLEY HILL TO SANDYMOUNT AVE. HV16625
				0.5	3	0.5	PE SHANNON BOARDING-ELEVEN (ABANDONED)
				0.6	3	0.5	KERRY AVE-PE GLASLEAM ROAD (ABANDONED)
				0.7	3	.1	PE LOUGHY RD- 37 P.O.'S (ABANDONED)
				0.8	3	0.5	KERRY AVE- PE KERRY AVE. (ABANDONED)
				0.9	3	.1	KERRY AVE- PE KERRY AVE (ABANDONED)
				11	11	95AL	TINTAGEL DRIVE TEED OFF HV4
				12	11	25	BULLMAN WAY - ATONEMENT AVE - DOVERCOURT GDNS T'PE
				13	11	-2	ELSTREE HILL SOUTH - HV3 (KERRY AVE - REENGLASS)
				HV16744	11	100m 3 CORE	MERRION AVE JUBILEE HSE TO SANDYMOUNT AVE.

NOTES
1. FOR FULL DETAILS OF 33kV CABLES REFERENCE SHOULD BE MADE TO THE PRIMARY RECORDS.
2. DC PILOTS ARE NOT SERIAL NUMBERED.
3. IN AREAS WHERE ROAD WIDEN... REDEVELOPMENT HAVE TAKEN PLACE, ABANDONED CABLES MAY BE FOUND.

EASTERN ELECTRICITY
WATFORD DISTRICT

1:500 SCALE U.G. MAINS PLAN

LOCATION
STANMORE

SHEET No.

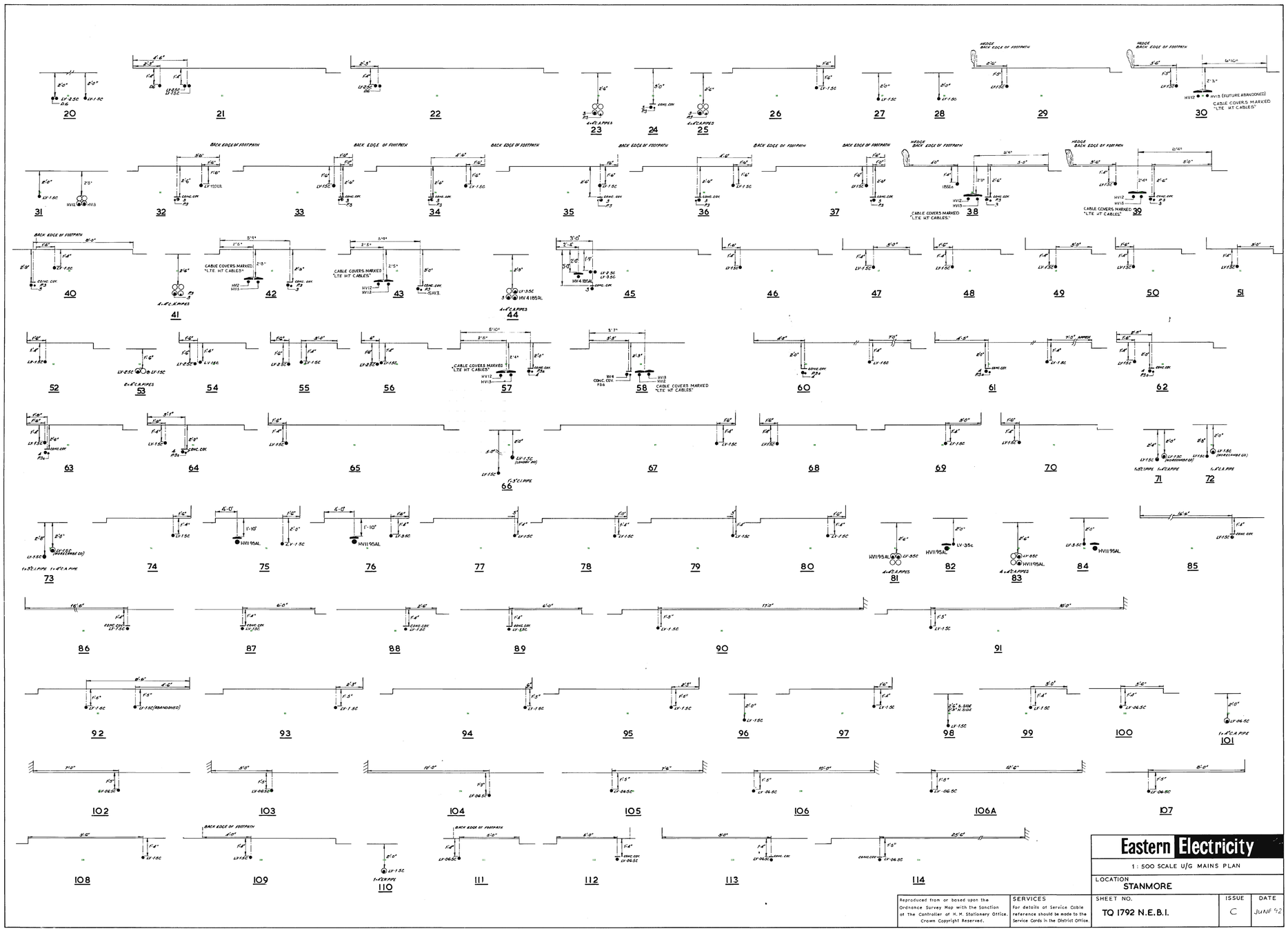
A	B	C	D	E	F	G	H	I	J	K	L	M	N
COMPILED FROM MESSRS. GIBBS, FOSTER & PARTNERS' DRAWINGS	REMOVAL OF 4-WAY NETWORK BOXES												
INITIALS	I.B	20-6-67	EH										

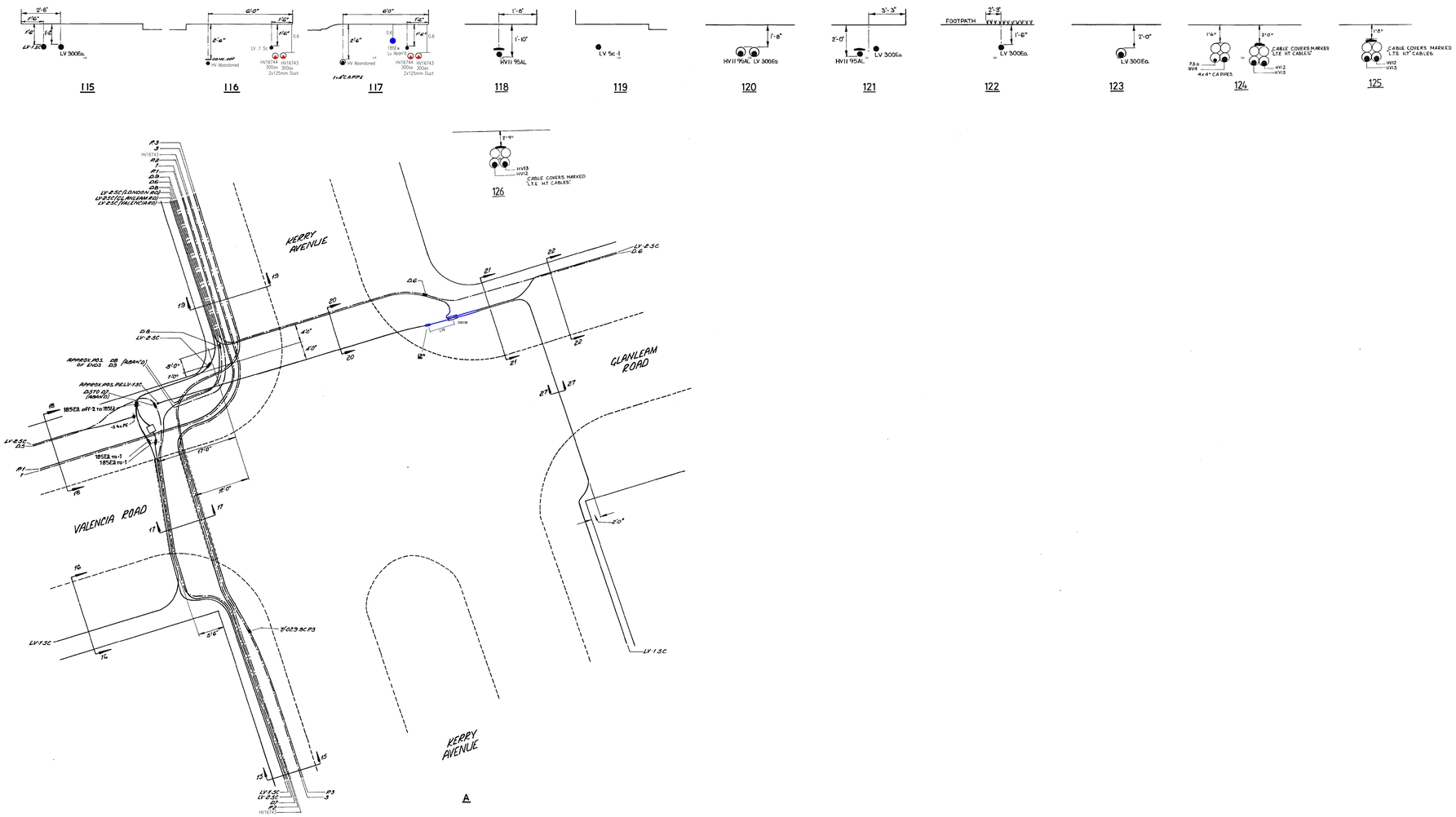
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SERVICES
For Details of Service Cables Reference should be made to the Service Cards in the District Office

FOR CONTINUATION SEE SHEET TQ 1792 S.E.A.

s1


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BACK EDGE OF FOOTPATH
HEDGE
CABLE COVERS MARKED "LTE HT CABLES"
CONC. COV.
4-4"C.A.PIPES
6-4"C.A.PIPES
1-4"C.A.PIPE
1-6"C.I.PIPE
1-5"C.I.PIPE
1-4"C.I.PIPE
1-4"C.A.PIPE
1-5"C.A.PIPE
1-6"C.A.PIPE
1-5"C.I.PIPE 1-4"C.A.PIPE
1-5"C.I.PIPE 1-4"C.A.PIPE
HV4 185AL
HV11 95AL
HV12
HV13
W4
W13
LV-1.5C
LV-3.5C
LV-6.5C
LV-0.5C
LV-1.5C (ABANDONED)
LV-1.5C (MARECHAME CO.)
LV-1.5C (BACK EDGE OF FOOTPATH)
LV-1.5C (SUNDRY PIPE)
LV-1.5C (ABANDONED)

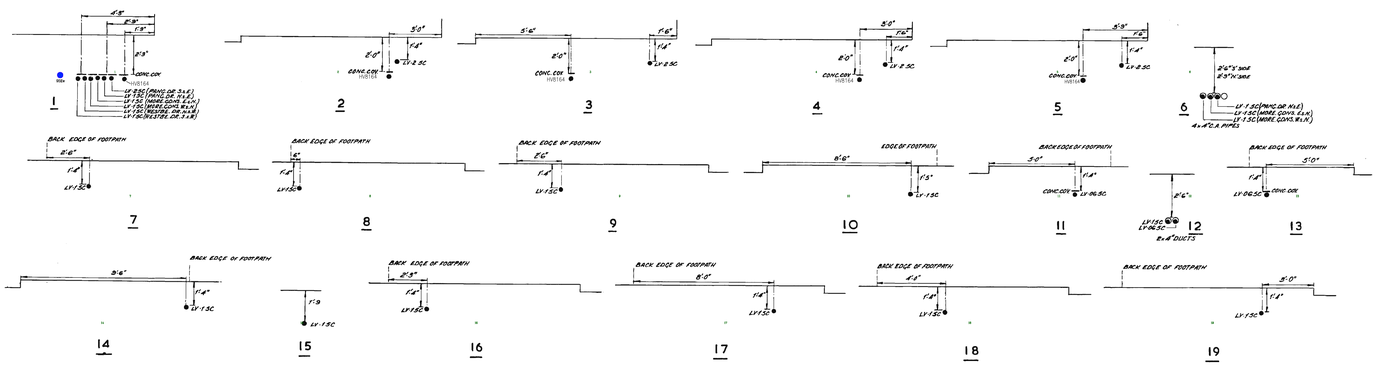


Reproduced from or based upon the Ordnance Survey Map with the Sanction of The Controller of H. M. Stationery Office. Crown Copyright Reserved.	SERVICES For details of Service Cable reference should be made to the Service Cards in the District Office.	**Eastern Electricity** 1 : 500 SCALE U/G MAINS PLAN LOCATION **STANMORE**		
		SHEET NO. **TQ 1792 N.E.B.2.**	ISSUE C	DATE JUNE '92

s0

1:500 LV

TQ1792SEA



PILOT CABLES (SERIAL NUMBERS REFER TO THIS SHEET ONLY)			
No.	CORES	SIZE	DESIGNATION

HIGH VOLTAGE CABLES			
No.	kV	SIZE	DESIGNATION
HVB169	11	3 L.C.	TEE - PINNSBOURNE DRIVE
HV16763	11	300m 3c½	KERRY AV TO JUBILEE HOUSE END
HV16764	11	300m 3c½	MERRION AVE JUBILEE HSE TO SANDYMOUNT AVE
HV16765	11	300m 3c½	JUBILEE HOUSE END TO MERRION AVE JUBILEE HSE

NOTES
1. FOR FULL DETAILS OF 33kV CAB. "DEPT SERVICE" SHOULD BE MADE TO THE PRIMARY CABLE".
2. DC PILOTS ARE NOT SERIAL NUMBERED.
3. IN AREAS WHERE ROAD WIDENING & REDEVELOPMENT HAVE TAKEN PLACE, ABANDONED CABLES MAY BE FOUND.

EASTERN ELECTRICITY

1:500 SCALE UG MAINS PLAN

LOCATION
STANMORE

SHEET No. TQ1792SEA.s0

ISSUE A 29-12-06

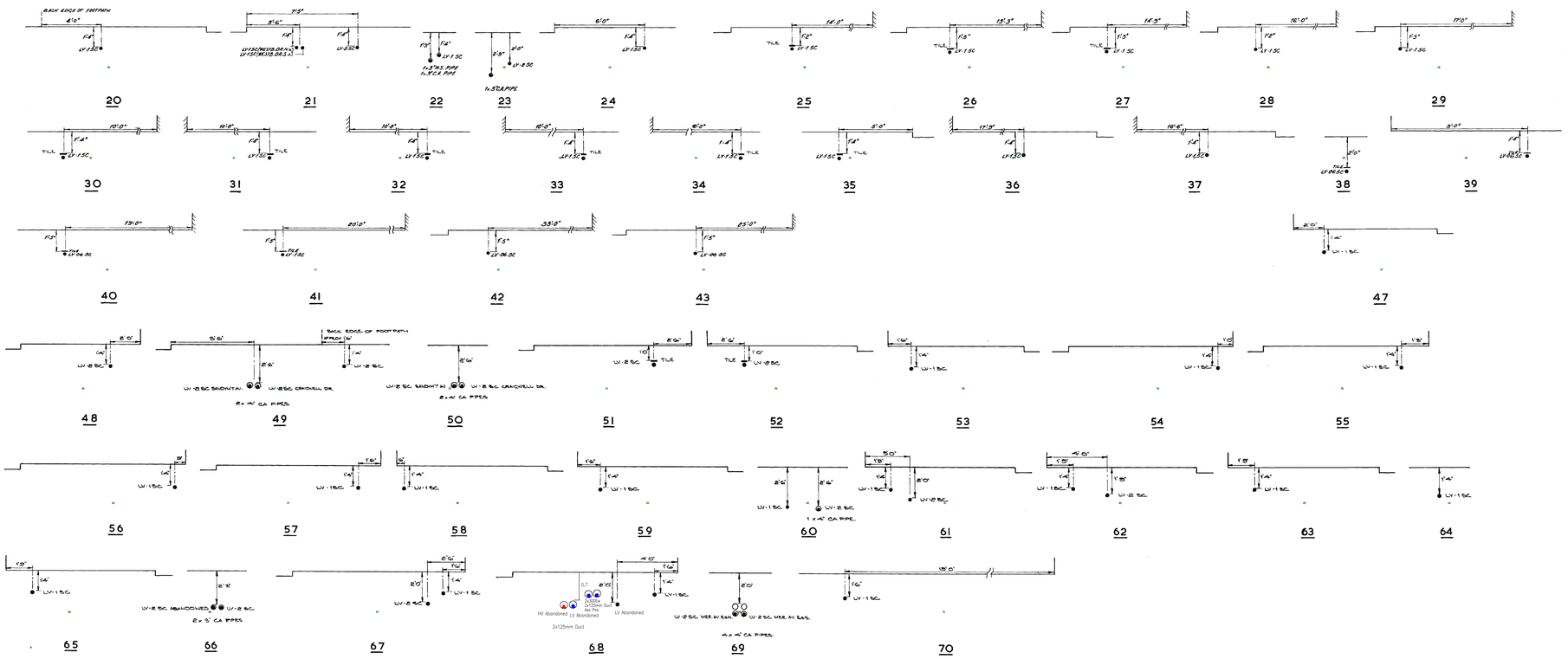
A	B	C	D	E	F	G	H	I	J	K	L	M	N
ADDITIONAL MAIN LV SERVICE TO No. 14 TEMPLE ST. 20-12-07 E.M.	REMOVAL OF 4-WAY PILLAR BOARD 20-12-07 E.M.												

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SERVICES
For Details of Service Cables Reference should be made to the Service Cards in the District Office

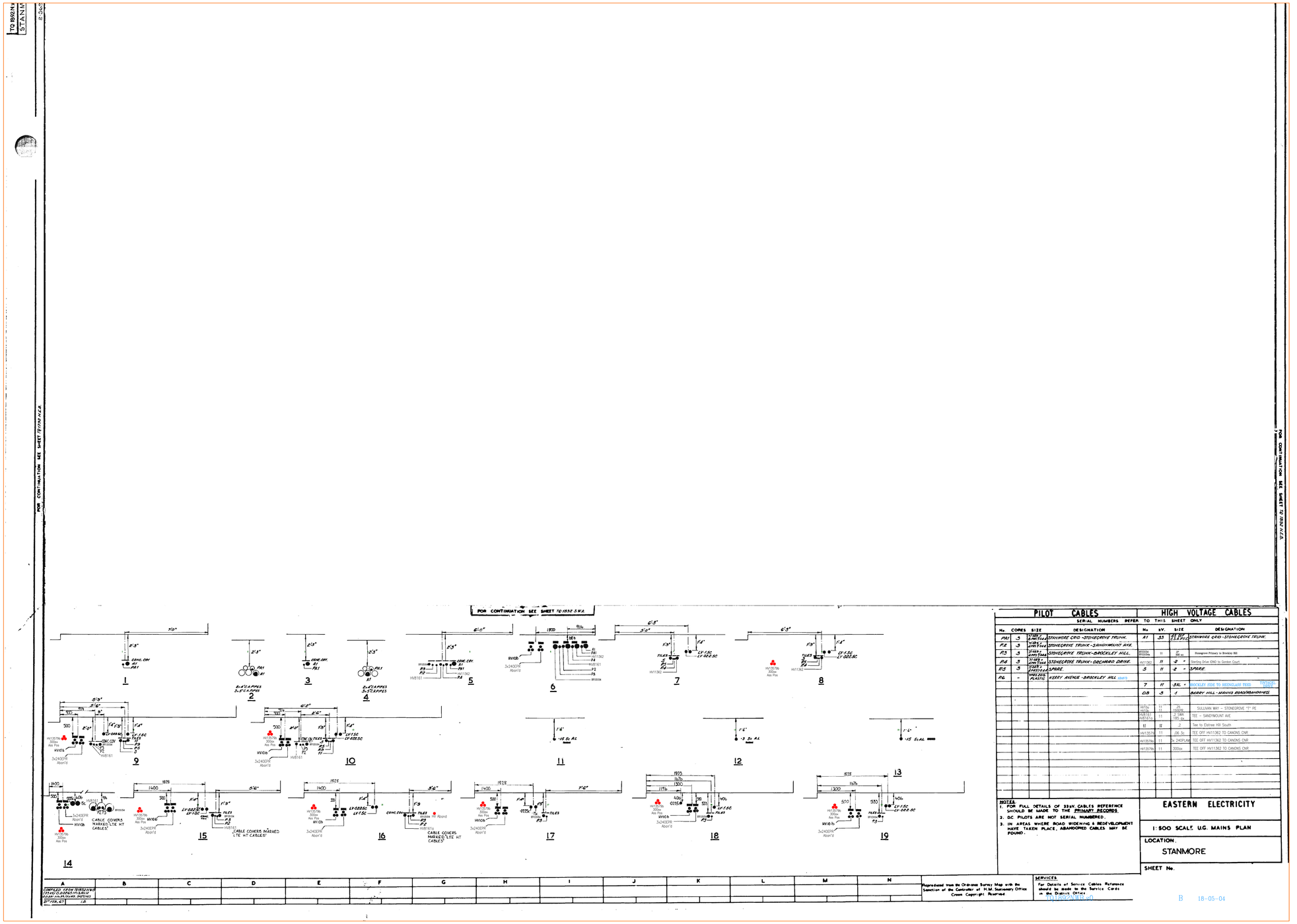
FOR CONTINUATION SEE SHEET TQ 1792 S.E.B.

s1

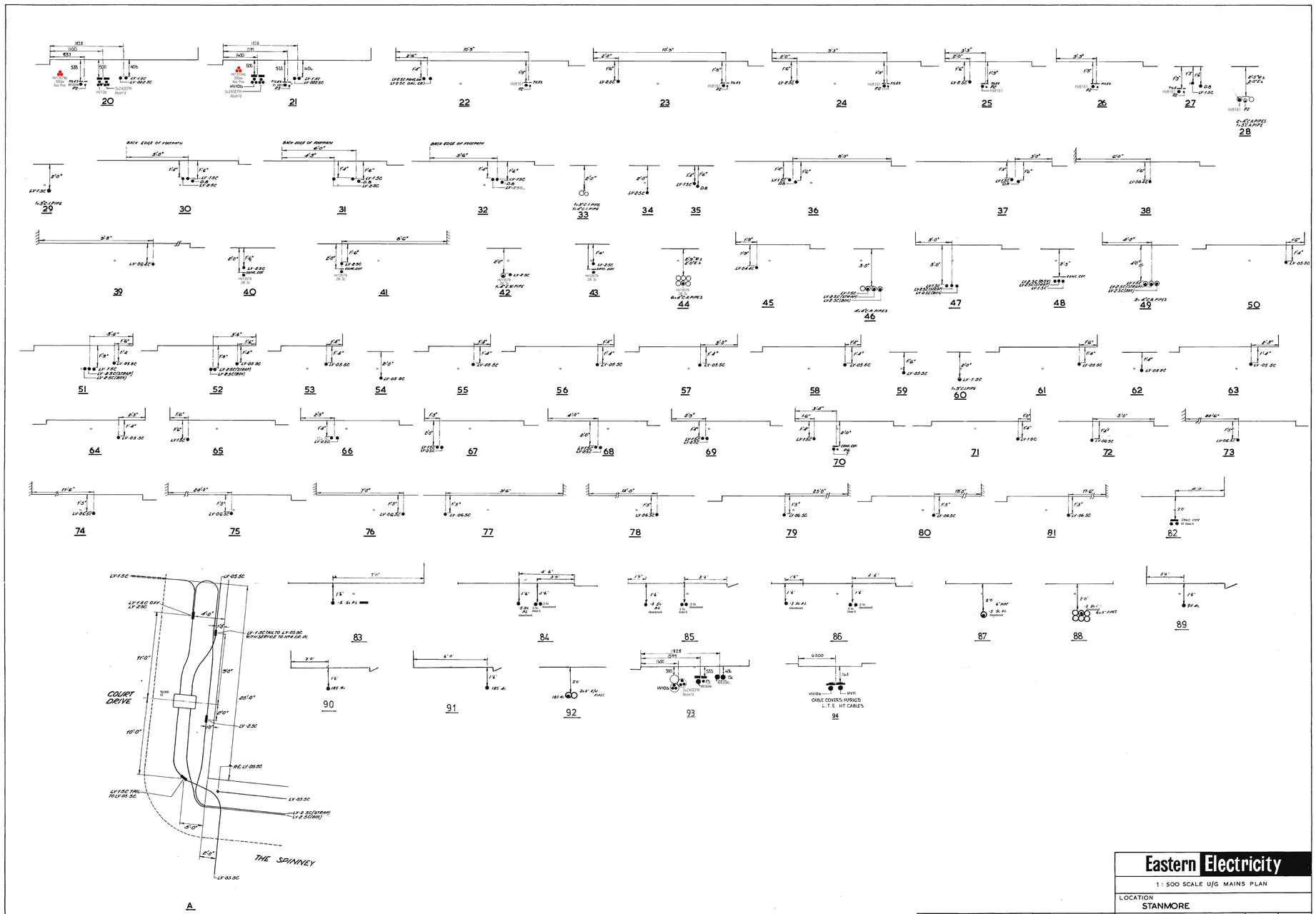

BACK EDGE OF FOOTPATH
LV 1SC
LV 2SC
1-STAS PVB
1-STCA PVB
1-STCA PIPE
LV 2SC
TILE
2-STAS PVB
2-STCA PVB
2-STCA PIPE
LV 3SC
LV 4SC
LV 6SC
LV 8SC
LV 1SC
LV 2SC

TQ1892NWB

1:500 LV



s1



Eastern Electricity	
1 : 500 SCALE U/G MAINS PLAN	
LOCATION: STANMORE	
SHEET NO.: TQ 1892 N.W.B.I.	ISSUE: C
DATE: 7.7.93

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SERVICES: For details of Service Cable reference should be made to the Service Cards in the District Office.

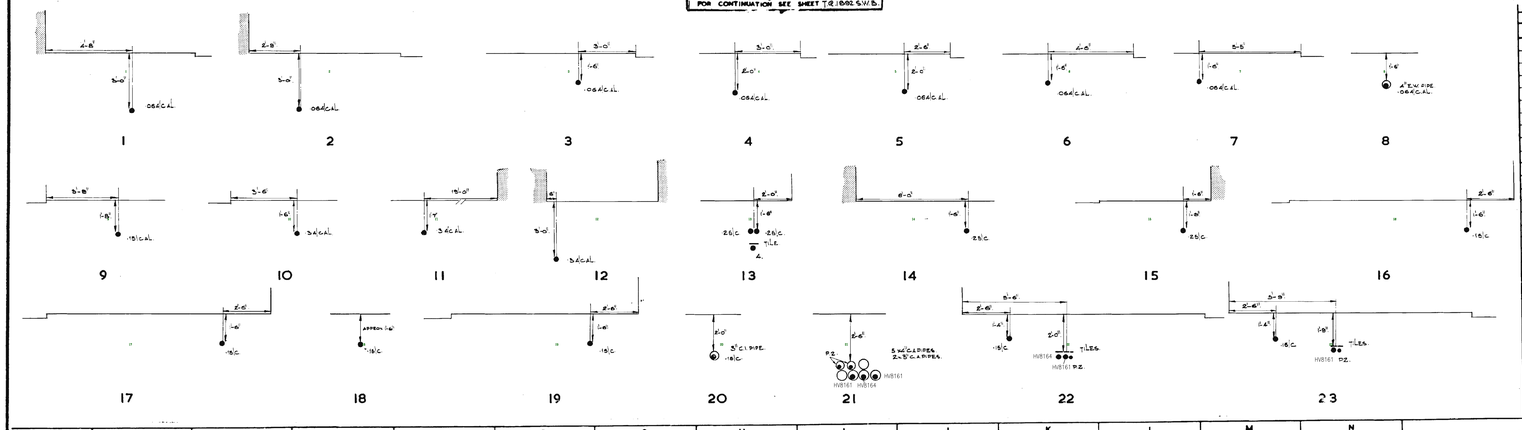
TQ 1892 N.W.B.I.

1:500 LV
TQ1892SWA
S0

TQ 1892.S
STONE

FOR CONTINUATION SEE SHEET TQ 1792. S.S.A.

FOR CONTINUATION SEE SHEET TQ 1892 S.W.B.



PILOT CABLES

SERIAL NUMBERS REFER TO THIS SHEET ONLY

No.	CORES	SIZE	DESIGNATION
P.S.1	3	1/0.23 APT.CORE 7/0.23 APT.CORE	STAMFORD GRID-STONEGROVE TR.
P.S.	3		STONEGROVE TR.-SALUSMOUNT AVE.

HIGH VOLTAGE CABLES

No.	KV.	SIZE	DESIGNATION
A1.	33	4C. OF 0.1 SQ.IN.	STAMFORD GRID-STONEGROVE TR.
HV8163	11	2.5MA.	TEE - SANDYMOUNT AVE.
HV8164	11	11. C.	TEE - PANDOURNE DRIVE
A.	11	1.S.W.A.	PE.2/E HV1362

NOTES
1. FOR FULL DETAILS OF 33kV. CABLES REFERENCE SHOULD BE MADE TO THE PRIMARY RECORDS
2. DC PILOTS ARE NOT SERIAL NUMBERED.
3. IN AREAS WHERE ROAD WIDENING & REDEVELOPMENT HAVE TAKEN PLACE, ABANDONED CABLES MAY BE FOUND.

EASTERN ELECTRICITY

1:500 SCALE U.G. MAINS PLAN

LOCATION.
STONEGROVE.

SHEET No.
T.Q. 1892. S.W.A.
SUPPLEMENTED BY TQ. 1892 S.W.A.I.

ISSUE

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OD 2286 N.Y.B. 1568.103.106 E SKETCHES. DEC 1967 D.R.W.													

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SERVICES
For Details of Service Cables Reference should be made to the Service Cards in the District Offices

Network Records NetMAP Symbols Booklet - East of England

This symbol booklet is intended as a general guide only - some local variations of these symbols may be found.

Version 1.2

Released October 2010

Always check with your local Network Records office or the UK Power Networks server to ensure that you are using the most up to date copy of this booklet - Tel: 08000 565866.

Index:-

Page no:		Contents:
1	.....	Guidance notes.
2	.....	The area covered by this guide.
3	1:500 view	
	.....	Scenery.
4	.....	Scenery (UK Power Networks use only).
7	.....	Primary distribution cables (EHV).
8	.....	Secondary distribution cables (HV/LV).
9	.....	Service cables/terminations.
10	.....	Cable ducts.
11	.....	EHV/HV/LV sites.
13	.....	Mains joints.
14	.....	Service joints.
15	.....	Cross sections.
17	.....	Common abbreviations/terminology (all views).
19	1:2500 (LV) & 1:10000 (HV) network views (UK Power Networks use only).	
	.....	General.
20	.....	1:2500 scale LV network.
22	.....	1:10000 scale HV network.
23	LV network diagram view (UK Power Networks use only).	
	.....	Overhead lines.
24	.....	Underground cables.
25	.....	Joints.
26	.....	Substations/pole transformers.

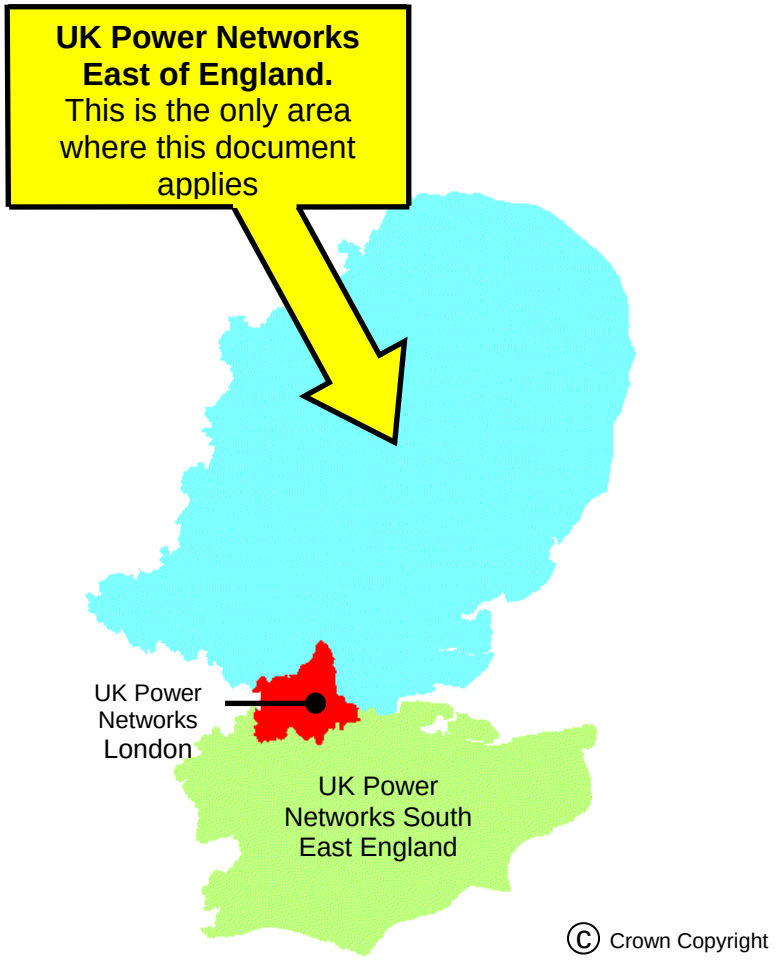
Guidance notes.

Important notice:
If you do not understand the NetMAP record that you are using, please contact the UK Power Networks Network Records team for guidance
Tel: 08000 565866.

- The position of apparatus shown on NetMAP is believed to be correct, but the original landmarks may have altered since the apparatus was installed.
- It must be assumed that there is at least one service to each property, lamp column, street sign etc.
- All cables must be treated as live, unless proven otherwise by an authorised UK Power Networks representative.
- Third party cables are not usually shown. In cases of doubt, please telephone 08000 565866.
- When two or more maps are supplied for the same area, the maps must be read in conjunction with each other and with this symbol document.
- All LV cables are assumed to be 4 core, and all HV cables assumed to be 3 core unless otherwise stated.

Plan Provision Team
Fore Hamlet
Ipswich
Suffolk IP3 8AA
Tel: 08000 565866

The area covered by this guide:



© Crown Copyright

1:500 view - underground network

Scenery

NetMAP system	Scanned image	Description
		100 metre Ordnance Survey grid line (on O/S based maps only.)
		Property fence line
		Building line
		Kerb line
		Electrical Boundary

Scenery - for UK Power Networks use only - boxed in red

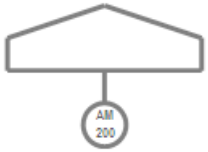
NetMAP system	Scanned image	Description
 Inset Network – Contact xxxx IDNO for further information	Not applicable	Area of inset network - not the asset of UK Power Networks (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Proposed Cross Rail route (only visible to UK Power Networks and their immediate contractors)
	Not applicable	High pressure pipelines in the general vicinity (only visible to UK Power Networks and their immediate contractors)

Note: Pipelines are only viewable on NetMAP by UK Power Networks staff and their immediate contractors. Do not carry out any excavation without consent from the relevant agency - legally protected high pressure petroleum products pipeline route in the general vicinity - consult www.linewatch.co.uk for contacts and guidance. Pipeline contact numbers can also be found on the intranet – out of hours, contact our Control Centre.

	Not applicable	Water - surface water (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 1 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 2 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 3 (only visible to UK Power Networks and their immediate contractors)

section continued on next page

Scenery for UK Power Networks use only - boxed in red

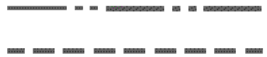
NetMAP system	Scanned image	Description
	Not applicable	Historical - Scheduled Monuments (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Historical - Parks and Gardens (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Historical - Areas of Archaeological Potential (AAP) (only visible to E UK Power Networks and their Immediate contractors)
	Not applicable	Nature - Ramsar Wetlands of International Importance (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Special Area of Conservation (SAC) (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Special Protected Area (SPA) (only visible to UK Power Networks and their immediate contractors)
		Nature - Site of Special and Scientific Interest (SSSI) (only visible to UK Power Networks and their immediate contractors)

section continued on next page

Scenery for UK Power Networks use only - boxed in red

NetMAP system	Scanned image	Description
	Not applicable	Nature - Local Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Area of Outstanding Natural Beauty (AONB) (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Park (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - very high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - medium sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - low sensitivity (only visible to UK Power Networks and their immediate contractors)

Primary distribution cables (1:500 view)

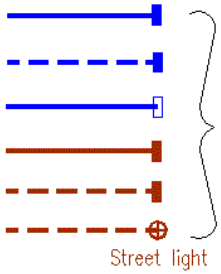
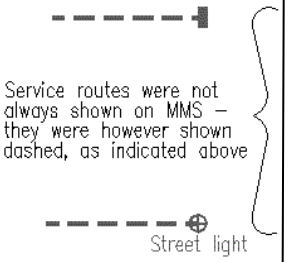
NetMAP system	Scanned image	Description
		Over 33kV and up to 132kV
		Over 11kV and up to 33kV

Secondary distribution cables (1:500 view)

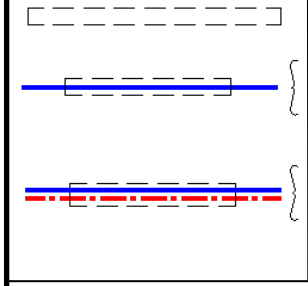
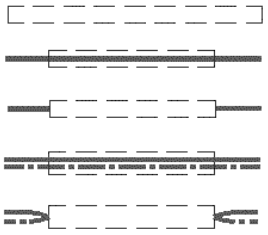
NetMAP system	Scanned image	Description
		Over 230/400V and up to 11kV (HV) cable route
		230/400V (LV) cable route
	(Only shown this way if independent from HV cable route)	Pilot cable route

Abandoned cables are shown and labelled as such when applicable

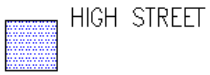
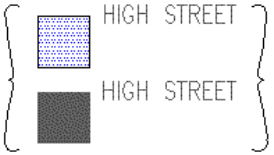
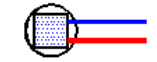
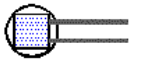
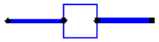
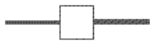
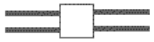
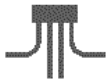
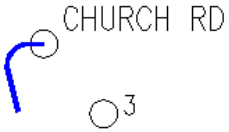
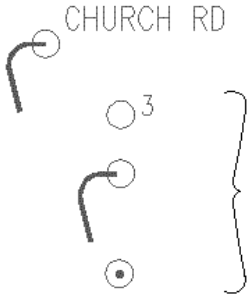
Service cables and terminations (1:500 view)

NetMAP system	Scanned image	Description
		3 phase service with termination 3 phase service with termination (unknown route) 3 phase service with multi-head termination Single phase service with termination Single phase service with termination (route unknown) Street lighting cable and termination

Cable ducts (1:500 view)

NetMAP system	Scanned image	Description
		Empty duct Cable(s) in duct(s) Cable(s) in duct(s) (on some raster maps) Multiple cables in ducts Multiple cables in ducts (on some raster maps)

EHV, HV and LV sites (1:500 view)

NetMAP system	Scanned image	Description
		Primary substation
		Secondary substation
		Pad mounted substation
		Link box – 2 way
		Link box – 4 way (6 way etc shown similarly)
		Feeder pillar – 4 way (6 way etc shown similarly)
		Pole transformer Poles on underground records
		H pole, any voltage
		Service turret (solid type)

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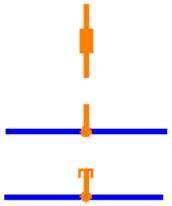
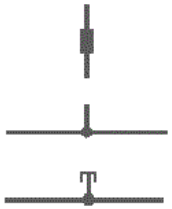
EHV, HV and LV sites continued (1:500 view)

NetMAP system	Scanned image	Description
No NetMAP equivalent  CAUTION Missing Information	 No equivalent	Service turret (with link facility on LV main) Missing data in or near this location
	Not applicable	Contaminated land reference

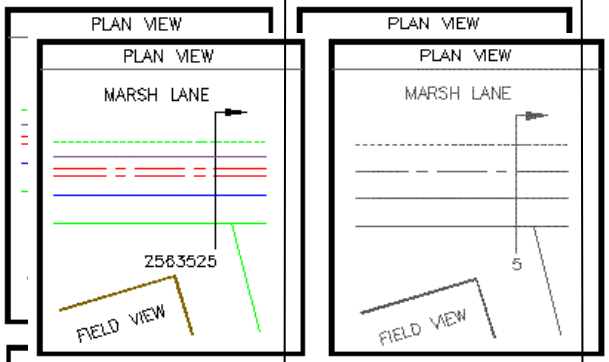
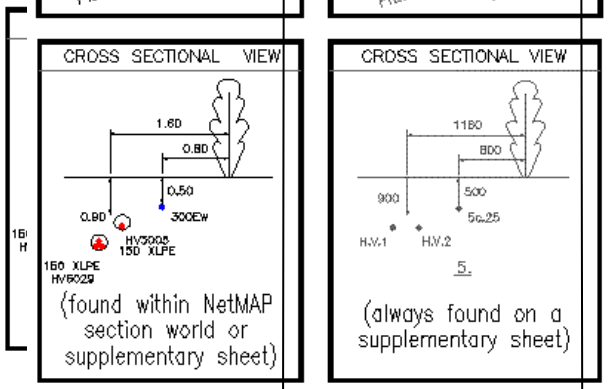
Mains joints (1:500 view)

NetMAP system	Scanned image	Description
(voltage indicated by colour/line-style)		
		Straight joint
		Crutch joint
		Straight crutch joint
		Pot end
		Pot end – on one of several cables – single line representation
		Branch joint/pot end – (humpty back joint, back to back joint, bull nose joint or stub joint
		Sleeve repair or repair joint
		Cut end
		Capped end
		Tee joint
	NetMAP/vector only	Sicame joint box

Service joints (1:500 view)

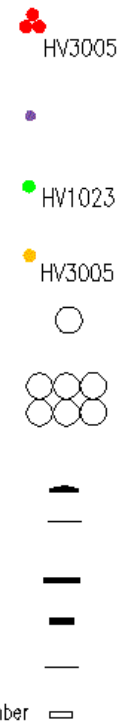
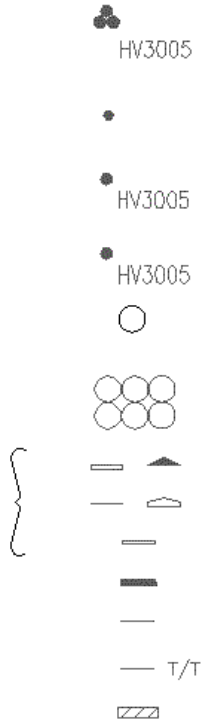
NetMAP system	Scanned image	Description
Please note that 3 phase services are shown blue, and single phase services are shown brown		
		Straight joint
		Service joint to main
		Pot end

Cross sections (1:500 view)

NetMAP system	Scanned image	Description
		Single line representational plan view with NetMAP equivalent (please note the use of seperate line for each voltage on the raster/MMS data)
		Cross sectional view of above
		Section arrow with old/new numbering system – points in direction section is viewed
		LV/3 phase service cable
		Single phase service cable with size annotation
		HV cable – 3 core with route number annotation

section continued on next page

Cross sections continued (1:500 view)

NetMAP system	Scanned image	Description
		HV cable – modern EPR, Plam and Triplex with route number annotation Pilot cable 33kV cable 132kV cable Single duct 6 way duct formation – irrespective of duct type and material, all are displayed similarly Protective slab Tiles Concrete slabs 33kV fibre warning board Steel plate Plastic tile tape Timber

Common abbreviations and terminology (all views)

Abbrev.	Description
1c	Single core
1ph	Single phase
2c	Two core
3c	Three core
3ph	Three phase
ABC	Aerial bunched (bundled) conductor (modern LV overhead line)
ABI	Air break isolator (no fuses)
ABSD	Air break switch disconnector
ACCS	Aluminium concentric copper sheathed
Al	Aluminium
AR	Auto recloser
ASL	Automatic sectionalising links
ax	Triplex (aluminium)
	2 x 22mm AL PVC (example) Duplex
	3 x 22mm AL PVC (example) Triplex
CB	Circuit breaker
c/c	Concentric cores
ccc	Compact covered conductor
CCT	Circuit
CNE	Combined neutral and earth
Cross phased	The core colour may be different to originating transformer phasing
CS	Consac
CSE	Cable sheath earth
Cu	Copper

Abbrev.	Description
Cut out or C/O	Meter/main fuse position
cx	Triplex (copper)
DE	Direct earth
DSTA	Double steel tape armoured
Ea	Alpex cable
EFI	Earth fault passage indicator
EHV	Extra high voltage (11,001 Volts and over)
ELCB	Earth leakage circuit breaker
ELT	Earth leakage trip
EPR	Ethylene propylene rubber
Ew	Waveform cable
E/W	Earthenware duct or earth wire
Fdr or Feeder	LV or HV cable fed by or feeding a substation
F/G	Fuse gear
F/P	Feeder pillar
GRP	Fibreglass substation
GVR	Gas vacuum recloser or pole mounted circuit breaker
HV	High voltage (1,001–11,000 Volts incl)
HYBRID	Modern plastic cable with mixed conductor material (Al/Cu)
Insulation	Electrically protective material surrounding a conductor
Insulator	Porcelain or glass over–head line support (on poles)
ITC	Instrument traced cable or ITC - cable traced electronically using Cable Avoidance Tool (CAT) or similar

section continued on next page

Common abbreviations and terminology continued (all views)

Abbrev.	Description
Jumper	Connecting lead between open points, section points and overhead plant
kV	Kilovolt (or 1,000 Volts) – unit of electrical pressure
kW	Kilowatt (1,000 Watts) – unit of electrical power
kVA	Kilovolt Amps or power
Link box or LB	Means of connecting LV feeders together using links or fuses
LSF	Low smoke & fume
LV	Low voltage (up to 1,000 Volts incl)
LV Pillar	Low voltage fuse distribution board
Neutral	Return path of live cable
O/H or OHL	Overhead line
OYS	Oil filled pole mounted sectionaliser
OYT	Oil filled pole mounted recloser
PC400	Pole mounted LV fuse unit
PE	Pot end or potential end – joint on cable end
Phase	Usually the core colour of a cable (caution – may be cross phased) – Red, Yellow, Blue on old cables, or L1, L2, L3 on new cables, for example

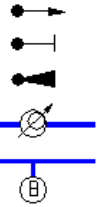
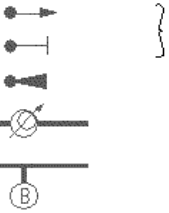
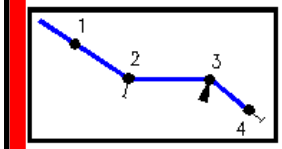
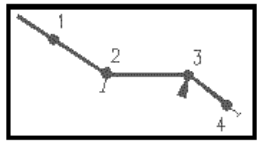
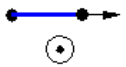
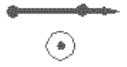
Abbrev.	Description
PICAS	Paper insulated corrugated aluminium sheath armoured
PILC	Paper insulated lead covered
PILSTA	Paper insulated lead covered steel tape armoured cable
PL	Plain lead or public lighting
PME	Protected multiple earth or CNE
PMT	Pole mounted transformer
PMR	Pole mounted recloser (generic term for OYT/GVR)
PT	Pole transformer
PVC	Polyvinyl chloride
RMU	Ring main unit
RN	Reduced neutral
s/c	Split concentric or single core
S/L	Street light
S/S	Substation
STA	Steel tape armoured
SWA	Steel wire armoured
T1 or T2 etc	Substation TX setup where more than one TX exists
T/F or TX	Transformer
Volts	Unit of electrical pressure
Watts	Unit of electrical power
XLPE	Cross linked polyethylene

1:2500 & 1:10000 view - overhead networks - for UK Power Networks use only - boxed in red

General

NetMAP system	Scanned image	Description
		H pole Pole

1:2500 scale LV network

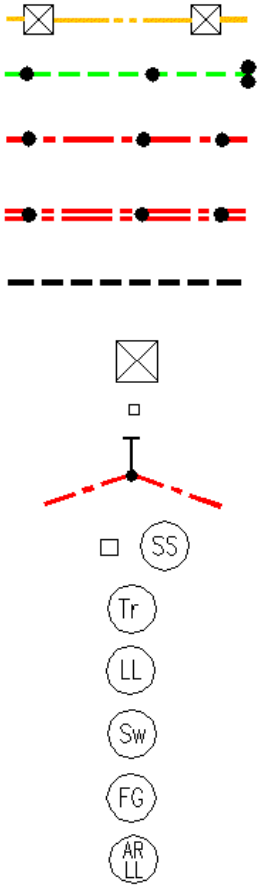
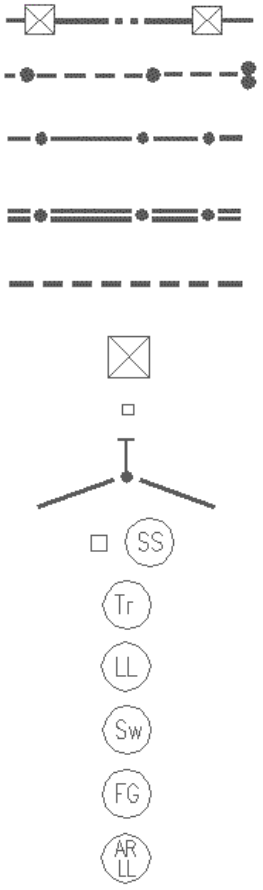
NetMAP system	Scanned image	Description
No NetMAP equivalent		132kV cable route
No NetMAP equivalent		33/22kV cable route
No NetMAP equivalent		11kV underground cable
		132kV overhead line
		33kV overhead line dots mark pole position
		11kV overhead line – dots mark pole position
		Dual construction – dots mark pole position
		LV overhead line – dots mark pole position
No NetMAP equivalent		LV underground cable
		Pole and stay Pole and strut Voltage regulator Static balancer
		Example of struts and stays
		Flying stay
		Earthed pole in PME system
261	261	Pole number
□	□	Ground type substation
S.P.	S.P.	Section pole
S.L.	S.L.	Street light

section continued on next page

1:2500 scale LV network continued

NetMAP system	Scanned image	Description
O.R. Stay Ext. Brkt P. Box N.E. O.R. Brkt	O.R. Stay Ext. Brkt P. Box N.E. O.R. Brkt	Outrigger stay Extension bracket Pole box Neutral and earth Outrigger bracket

1:10000 scale HV network

NetMAP system	Scanned image	Description
		132kV overhead line 33kV overhead line dots mark pole position 11kV overhead line – dots mark pole position 11kV overhead line – dual circuit – dots mark pole position 11kV underground cable and EHV Pylon HV or EHV Grid line tower Stay Ground type substation Pole type transformer Live line taps Switchgear – all types Fuse gear Auto recloser – live line connected

The above circular substation/switchgear symbols may be found that contain different combinations of apparatus (see last example)

LV network diagram view-for UK Power Networks use only-boxed in red

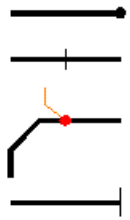
Overhead lines

NetMAP system	Description
	Unknown
	Al
	Cu
	ABC
	Pole link

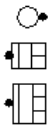
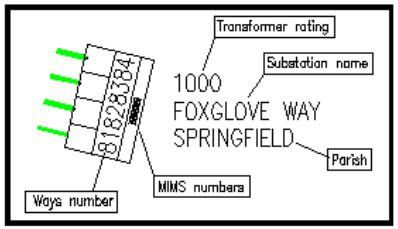
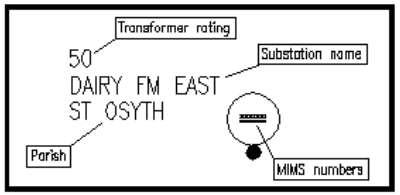
Underground cables (LV network diagram view)

NetMAP system	Description
	Unknown
	Al
	Cu
	CC
	TCC
	Ea
	Ec
	Ecx
	Ew
	LSF
	Other

Joints (LV network diagram view)

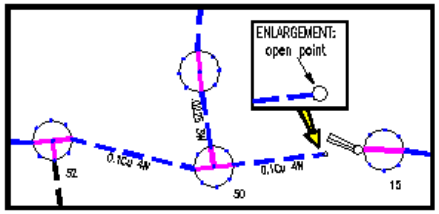
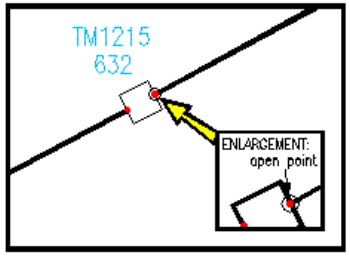
NetMAP system	Description
	Pot end or Sicame Box Straight joint Crutch joint 3 phase termination

Substations/pole transformers (LV network diagram view)

NetMAP system	Description
There are many substation combinations – these are merely a sample of configurations that can be found.	
	2 way substation
	4 way substation
	4 way twin busbar substation
	10 way back to back substation
	Pole transformer (normal) Pole transformer 2 way Pole transformer 3 way
	Substation with rating, name, Parish and MIMS identifying number
	Pole transformer with rating, name, Parish and MIMS identifying number
	Intermediate pole
	Section pole
	Overhead fuse

section continued on next page

Substations/pole transformers cont'd (LV network diagram view)

NetMAP system	Description
	Overview – the purple lines through the section poles are pole links – these indicate how the network is linked together
	2 way link box
	3 way link box
	4 way link box
	4 way double busbar link box
	4 way BICC link box
	5 way link box
	6 way link box
	6 way double busbar link box
	A two way link box with identification number, connected to a cable with an open point
	Feeder pillars – these range from 2 ways through to 9 ways – a 9 way and a 2 way are shown as examples
	

Think
before you...



DIG UNDER GROUND

UK Power Networks

THINK . . .

Every year people are killed or seriously injured in incidents involving underground electricity cables.

THE DANGER

Underground cables carry a powerful electrical charge which can be conducted through machinery and equipment with fatal consequences. Anyone working close to live underground cables should take time to read this simple safety leaflet and identify the precautions they should be taking.

WHO IS AT RISK?

People in construction, demolition, agriculture, infrastructure or anywhere else where excavation is taking place. That is why it is vital everyone working on or visiting a working site is fully aware of the hazards and the steps that must be taken to avoid them.

HOW INCIDENTS HAPPEN

Sadly, accidents where excavators, breakers or other tools make contact with power cables are not uncommon. Where equipment or machinery is used near underground cables the risk must be considered and controlled in the interests of everyone.

THINK AHEAD

Get the basics right. Familiarise yourself with the site. Mark the route of underground cables running across the site on all plans circulated to staff. Find out if the work could be carried out away from the cables, or avoided all together.

UK Power Networks is committed to safety and actively encourages anyone undertaking work to contact us in advance for advice and free cable locating maps.

These will help you avoid our underground cables during your work, which is vital for your safety as well as ensuring we can provide a reliable supply of electricity.

For free maps and advice call **0800 056 5866** or write to:
Plan Provision
UK Power Networks
Fore Hamlet
Ipswich
IP3 8AA
plans@ukpowernetworks.co.uk

We can advise you on what steps to take if essential work is necessary close to underground cables and help ensure safe working practises are implemented.

Good management reduces the risk of accidents. With proper planning and control, workers should not come into contact with underground cables.

If excavation work forms a part of your day-to-day activities obtain a copy of the Health & Safety Executive's Guidance Note "Avoiding Danger from Underground Services" HSG47, which is free to download from the HSE's website - **www.hse.gov.uk/pubns/priced/hsg47.pdf**

WHAT TO DO

- **Have cable drawings and records on site**, know how to read them and check them before starting work. Be aware that not all cables may be shown on the records.
- **Look around for anything in the vicinity** that would have an electricity service, such as street lights, CCTV cameras, phone boxes, etc. as well as the more obvious things like houses and industrial units.
- **Always** use a cable avoidance tool (CAT) to survey the entire site before digging commences. Once found, mark cable positions with spray paint or similar. Do not forget to use encroachment lines as well.
- **Dig trial holes**, by hand, alongside the indicated route of the cables(s).
- Use spades and shovels with **insulated handles** in preference to forks and picks.
- **Make sure everyone** on site, including visitors, **understand the risks**.
- If there is a **cable encased in concrete** contact **UK Power Networks to agree a safe method of work**. This may mean making the cable dead.
- Before demolishing a building **make sure that supplies are disconnected,** preferably well clear of the work area. For guidance on how to arrange a disconnection visit www.ukpowernetworks.co.uk – Our Services
- Have the **emergency contact telephone number** easily available on site.



WHAT NOT TO DO

- Never allow anyone near a damaged or suspected damaged cable or joint.
- Do not handle or attempt to alter the position of a cable or joint.
- Never assume that cables run in straight lines, they may be deflected around underground obstacles.
- Do not use mechanical excavator or powered digging tool within the vicinity of known cables.
- Never knock a road pin, or forcibly throw a spiked digging tool into the ground, without checking what is below the surface.

IF A CABLE IS DAMAGED

Notify UK Power Networks immediately:

London 0800 028 0247
East of England 0800 783 8838
South East 0800 783 8866

Call the emergency services if anyone is injured. Anyone who has received an electrical shock should go to hospital as damage may have occurred to the heart.

Always **treat the cable(s) as live** even if they are not sparking. Cables can be re-energised at any time without warning.

Never remove anything that is stuck **in a cable.**

Keep everyone well away from the area of the damage.

Do NOT attempt to remove anything that is in contact with the cable.



PLAN IT OUT

CHECK IT OUT BEFORE YOU DIG UNDER GROUND

DANGER OF DEATH

THINK BEFORE YOU DIG

Call the network operator

0800 587 3243

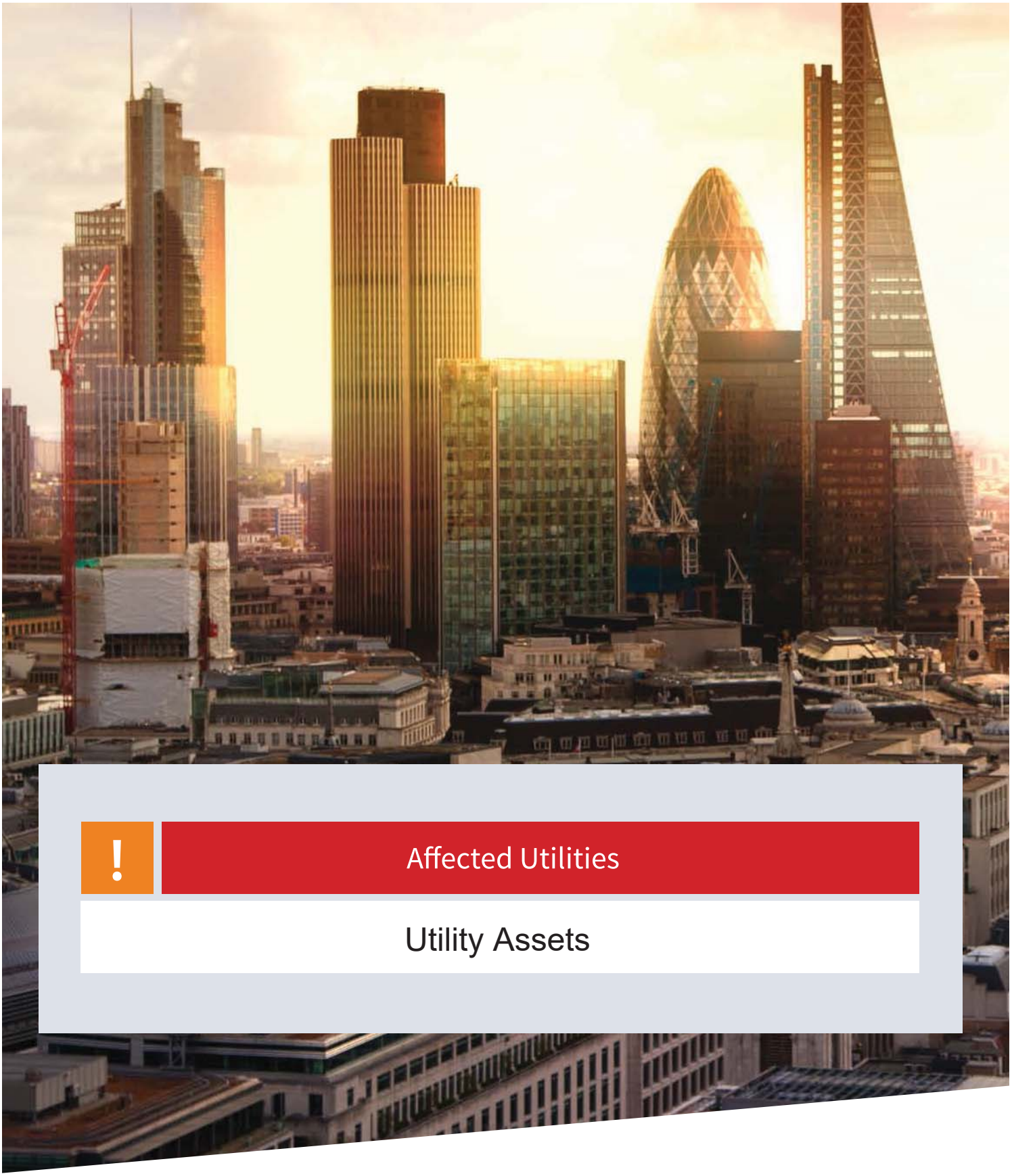
www.ukpowernetworks.co.uk

If you are unsure of your network operator then please visit www.energynetworks.org

UK Power Networks,
Registered office: Newington House, 237 Southwark Bridge Road, London SE1 6NP
Registered in England and Wales No: 3870728

UK Power Networks

Utilities Report



! Affected Utilities

Utility Assets

Landmark® INFORMATION GROUP

ADVISORY NOTICE

SUPPLIER UPDATE: Utility Assets

On19/06/2020, an enquiry was sent to Utility Assets' plant record department. As of the date of issue of this Utilities Report, we have not received a formal response from Utility Assets in regards to owning any equipment on this site. Utility Assets have however advised the following:

"Thank you for recently contacting Utility Assets plant record department. We will check whether we have any plant present at your site and contact you within 5 - 7 working days ONLY if we own any plant in the vicinity.

If we do not reply, we do not have any apparatus in the area of your works. However, PLEASE TAKE CARE when excavating around electricity cables in the event that not all cables present may be accurately shown. We recommend you use detecting equipment to map the site before excavating and fully comply with HSG47. DO NOT assume that a cable is dead if you don't have a record of its presence. The cable must be treated as live unless PROVEN DEAD by the cable owner. In case of emergency please contact your local electricity distribution company.

This is an automated reply from our dedicated asset records email address. If you receive further correspondence from us it will be from asset.manager@utilityassets.co.uk *quoting a site reference number.*

Asset Manager - Utility Assets Ltd"

If a formal response is received within 3 months of the date of this search it will be forwarded onto you as per our usual service. However, without formal communication from Utility Assets it remains unconfirmed that your site will not be affected by their network. Utility Assets will not acknowledge receipt of this enquiry, or any subsequent chases, unless their network will be affected.

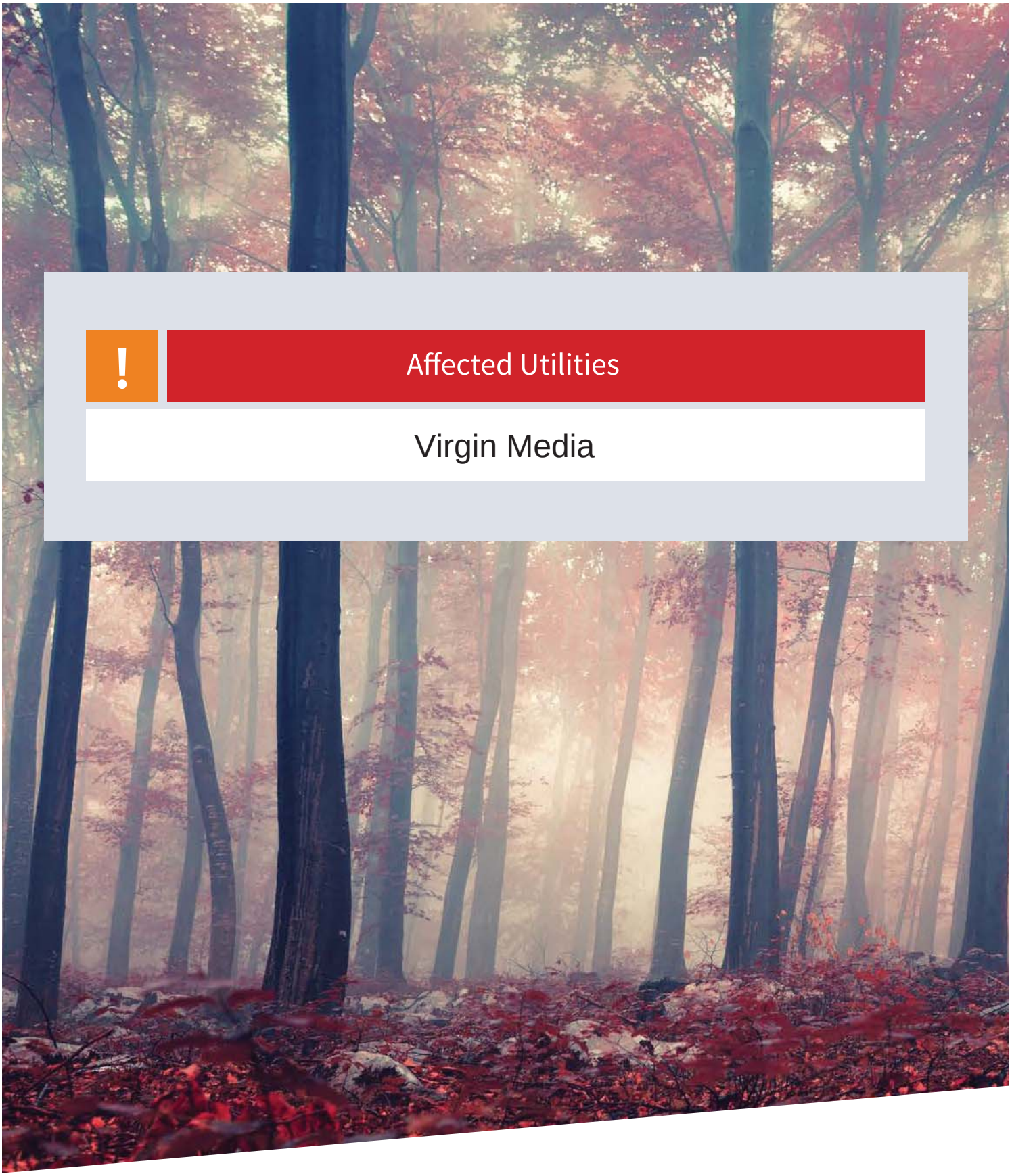
Terms and Conditions

Full Terms and Conditions can be found on the following URL:
http://www.landmarkinfo.co.uk/Terms/Show/515

Please note that Utilities Reports have a validity of 3 months from the date of purchase.

If you experience difficulties accessing our Terms and Conditions, please telephone our Customer Service Team on 0844 844 9966.

Utilities Report



Affected Utilities

Virgin Media

Landmark® INFORMATION GROUP

CHECKED

ATKINS - Utility Solutions
The Hub, 500 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4RZ

Virgin Media
Field Services
Units 1-12
Broad Lane
Mayfair Business Park
Bradford
Yorkshire
BD4 8PW

Tel: 0870 888 3116 Opt 2

Plant Enquiry Ref:	VM.1165251
Letter Date	19.06.2020
Your Ref:	86287
Date:	23.06.2020

Dear Sir/Madam,

Site off Tintagel Drive, Harrow

Thank you for your enquiry regarding work at the above location.
I enclose a copy of our above referenced drawing, marked to show the approximate position of plant owned and operated by Virgin Media.

You will be aware that you have a duty to ensure that no damage results to this equipment as a result of your proposed works. Please note that this apparatus may contain Fibre Optic, Coaxial and/or 240v Power Cables and as such, special care must be taken when excavating this area.

Should you require Virgin Media apparatus to be diverted we must agree a specification of works and provide a detailed estimate of costs. The costs are £720 (Business) or £240 (Residential) Inc VAT and the charge applies to each individual scheme requested.
Both the estimate and specification will be sent to you within 25 working days of when the payment was received.

This initial payment will cover the following: -

•Detailed site visit by an experienced planning engineer.(Up to 10 hours planning time)

•Detailed specification of works.

•Detailed breakdown of costs.

Payment is required in advance for the estimated cost of detailed design work and the charge applies whether or not your works proceed. Please supply us with your payment and a copy of your plans or drawings and quote ‘Our Ref’ as above.

The address to send the cheque is:

Diversionary Works, Virgin Media, 1 Dove Wynd, Strathclyde Business Park Bellshill ML4 3AL

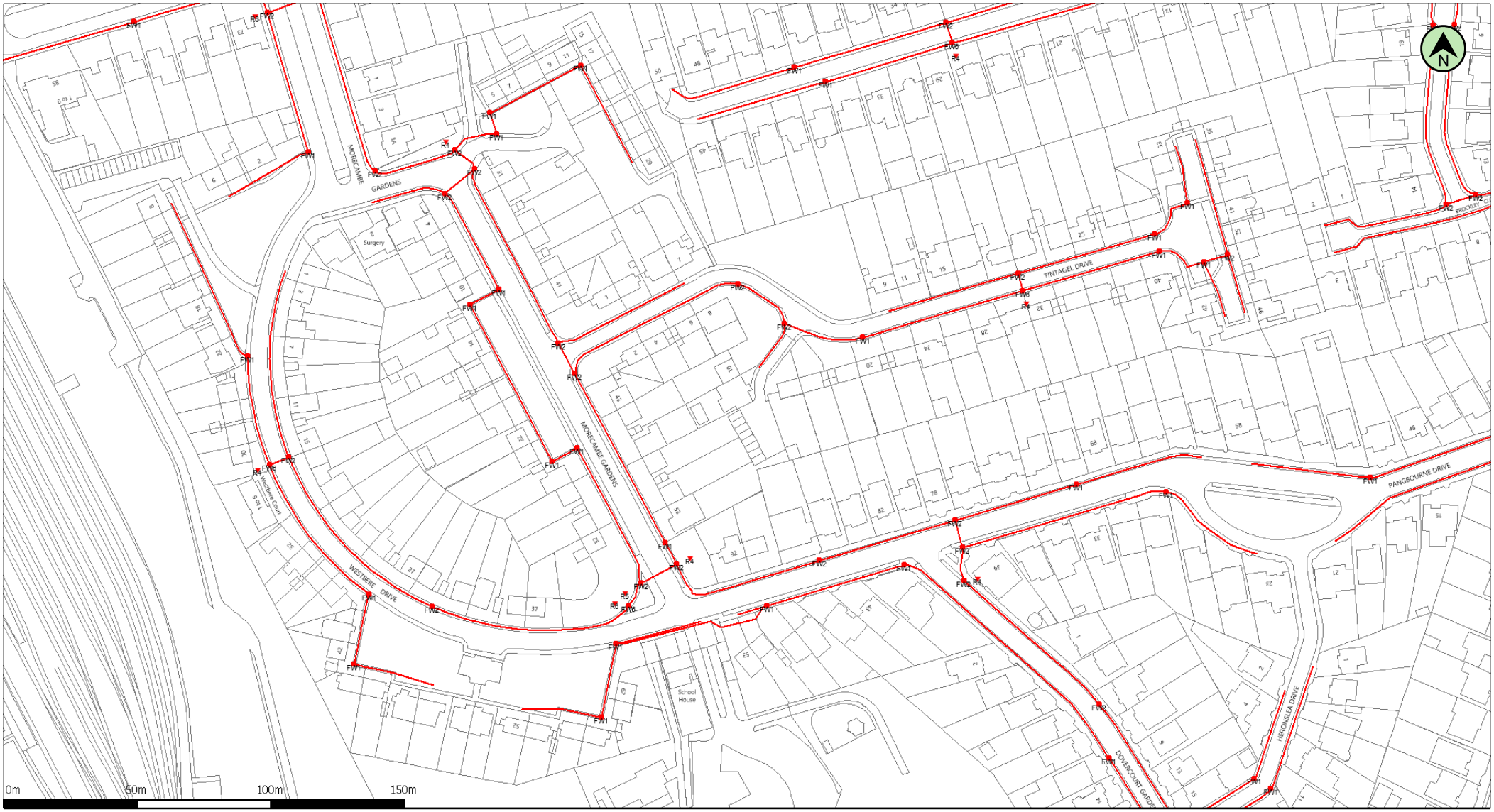
Or if you prefer to talk, please call the Diversionary Team on: 0800 408 0088 Option 1

Should your request be in relation to a Residential New Development, Virgin Media would like the opportunity to assist with your diversionary quote and serve your site free of charge, offering your customers the fastest widely available broadband speeds on the market up to 500Mbps.
For Commercial New Developments our team can also be reached through the below link, ensuring future businesses to your site are connected to our fibre network.

Simply head over to www.virginmedia.com/developer to fill in the enquiry form, and a member of our New Developments team will be in touch within 48 hours.
You will also find useful information about additional benefits to you and your site, plus a handy 'developers guide' can be downloaded with detailed installation requirements.
Or if you prefer to talk, please call the Diversionary Team on: 0800 408 0088 Option 2

Yours faithfully

National Plant Enquiries Team,



(c) Crown copyright and database rights 2020 Ordnance Survey 100019209 Date: 23/06/20 Scale: 1:2011 Map Centre: 517938,192470 Data updated: 01/06/20 Telecoms Plan A4

Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2020 Ordnance Survey 100019209.

Duct, Trench

Chamber

Cabinet

jagannathan.thiruvengadam@virginme

VM.1165251

Utilities Report



Not Affected Utilities

Some Utility Companies have replied to confirm they would not be affected by work on, or close to, the search area. Their responses are enclosed in the following pages for your records.

Landmark® INFORMATION GROUP

From: Plantenquiries <plantenquiries@catelecomuk.com>
Sent: 29 June 2020 14:36
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Please Note: Our search criteria has changed. We previously searched for Colt Network which was within 200 metres, this has now changed to 50 metres. The negative response will be for all enquiries that the network is 50 metres or more away from the place of enquiry.

Dear Sir/Madam,

Thank you for your enquiry for the above reference.

We can confirm that Colt Technology Services do not have apparatus near the above location as presented on your submitted plan, if any development or scheme amendments fall outside the 50 metre perimeter new plans must be submitted for review.

Search is based on Overseeing Organisation Agent data supplied; we do not accept responsibility for O.O. Agent inaccurate data.

If we can be of any further assistance please do not hesitate to contact us.

Kind regards,

Plant Enquiry Team

Please consider the environment before printing this email.

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the intended recipient(s). If you are not the intended recipient, you must not copy, distribute or take any action based on this communication. If you have received this communication in error please contact plantenquiries@catelecomuk.com and delete this communication and any copies of it. Any views or opinions presented are solely those of the author and do not necessarily represent those of C A Telecom LTD. C A Telecom LTD monitors e-mails to ensure that its systems operate effectively and to minimise the risk of viruses.

From: requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>
Sent: 19 June 2020 09:00

We have checked CityFibre's website and in this instance your area is not affected.

From: plantenquiryservice@gtc-uk.co.uk
Sent: 19 June 2020 13:26
To: Utility Solutions GDC Requests
Subject: GTC Plant Enquiry - Ref- 1389249
Attachments: 1389249.png

GTC Apparatus Not Found In Search Area

Our Plant Enquiry Service Ref: 1389249
Your Enquiry Ref: LM 86287/SuC

Dear Chrissy,

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work. GTC can confirm that we have no apparatus in the vicinity but please note that other asset owners may have and ensure all utility owners have been consulted. For your records, the search area is shown in the attached map.

Please note our assets now include those owned and operated by:

- GTC Pipelines Limited
- Independent Pipelines Limited
- Quadrant Pipelines Limited
- Electricity Network Company Limited
- Independent Power Networks Limited
- Independent Water Networks Limited
- Open Fibre Networks Limited
- Independent Community Heating Limited

If you have any queries or require any further information please do not hesitate to contact us.

Your sincerely,

GTC Plant Enquiry Service.

GTC
Synergy House
Woolpit Business Park
Woolpit
Bury St Edmunds
Suffolk, IP30 9UP
Tel: 01359 240363
plant.enquiries@gtc-uk.co.uk

NOTE:
This E-Mail originates from GTC, Synergy House, Woolpit Business Park, Woolpit, Bury St Edmunds, Suffolk, IP30 9UP



GTC Plant Enquiry. Our Ref 1389249, Your Ref LM 86287/SuC generated for AtkinsStatutoryEnquiries@atkinsglobal.com at 19/06/2020 08:56:13. This map shows the search area of your enquiry.

From: Plantenquiries <Plantenquiries@instalcom.co.uk>
Sent: 24 June 2020 15:19
To: Utility Solutions GDC Requests
Subject: E06-20-5147 RE: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Dear Sir or Madam,

Thank you for your plant enquiry below.

We can confirm that CenturyLink Communications UK Limited (formerly Level 3), Global Crossing (Uk) Ltd, Global Crossing PEC, Fibernet UK Ltd and Fibrespan Ltd do not have any apparatus within the indicated works area.

Instalcom responds to plant enquiries for all of the above and therefore you only need send one plant enquiry to cover all of these companies.

Please note that this response is only valid for 3 months. If your works do not commence within this time period, please resubmit your plant enquiry for assessment before any works commence.

Regards

Plant Enquiries Dept
Instalcom Limited
Borehamwood Ind. Park
Rowley Lane
Borehamwood
WD6 5PZ

Office: +44 (0)208 731 4613
Fax: +44 (0)208 731 4601
Email: plantenquiries@instalcom.co.uk
Web: http://www.instalcom.co.uk

From: requests.utilitysolutions@atkinsglobal.com
[mailto:requests.utilitysolutions@atkinsglobal.com]
Sent: 19 June 2020 09:00
Cc: requests.utilitysolutions@atkinsglobal.com
Subject: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

From: Plant Enquiries <plantenquiries@lastmile-uk.com>
Sent: 22 June 2020 16:08
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

Based on the information provided, I can confirm that Last Mile **does not** have any plant within the area(s) specified in your request.

If you require further assistance with outstanding enquiries, please call 03300 587 443.

Please ensure all plant enquiries are sent to plantenquiries@lastmile-uk.com

Regards

From: requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>
Sent: 19 June 2020 09:00
Cc: requests.utilitysolutions@atkinsglobal.com
Subject: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Our Reference: 86287
Site Name: Site off Tintagel Drive, Harrow
Works Description: Development Appraisal
Site Grid References: 517938 192470,517971 192497,517918 192473,517955 192507,517941 192433

To whom it may concern,

Please find enclosed a plant enquiry for your attention.

We request plans showing the location of your company's affected plant in relation to the entire site area shown within the boundary on the attached map. Grid references and postcodes relative to the site boundary are provided on the attached map to help you locate the site.

Within your response please quote our reference number and the name of the site shown above. If you do not have any apparatus in this area, please could you send written confirmation to declare that no apparatus is affected. Please also include information relating to the use and location of Radio Frequency Identification Devices (RFIDs) where available.

It would be greatly appreciated if you could respond to this enquiry by 09/07/2020. Your prompt response will assist with our clients proposals in your interests of plant protection.

If you have any queries in relation to this plant enquiry please do not hesitate to contact us.

Kind regards,

ATKINS - Utility Solutions

From: LULHVpowerassets@tfl.gov.uk
Sent: 22 June 2020 15:00
To: Utility Solutions Searches
Subject: NRSWA Request Response - Your Reference 86287

Our Ref: **20LL1T4R**
Your Ref:**86287**
Date:22 June 2020

Name: **Utility Solutions**
Company Name: **Atkins Global**

Dear Sir/Madam

We acknowledge receipt of your Letter / New Roads & Street Works Act Enquiry dated **19/06/20** relating to the following enquiry:

Site Name: Site off Tintagel Drive, Harrow
Site Grid References: 517938,192470

We have no H.V. cables or cable duct routes in the immediate area in question. Please note that we only manage High Voltage, Pilot and Fibre Optic Cables for the London Underground distribution network.

Yours sincerely,

On Behalf of the H.V. Cables Manager

Title: NRSWA co-ordinator

Email:**LULHVpowerassets@tfl.gov.uk**

London Underground
Power Distribution
Units 7 & 8,Station Road
Drawing Office
Tufnell Park
London
N19 5UW
Tel: 0203 054 8418/0203 054 8354

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The contents of this e-mail and any attached files are confidential. If you have received this email in error, please notify us immediately at postmaster@tfl.gov.uk and remove it from your system. If received in error, please do not use, disseminate, forward, print or copy this email or its content. Transport for London excludes any warranty and any liability as to the quality or accuracy of the contents of this email and any attached files.

From: Fuller Dain <Dain.Fuller@networkrail.co.uk> on behalf of OP Buried Services Enquiries <OPBuriedServicesEnquiries@networkrail.co.uk>
Sent: 19 June 2020 19:06
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Dear Sir/Madam,

With regards to your enquiry, Network Rail does not believe there is any Network Rail owned apparatus or underground services within the area you have defined. As there is always the possibility that new works could be planned and undertaken in this area by Network Rail this information is valid as at today's date and is supplied for general guidance only.

Please be aware that this response is based on Network Rail's records and knowledge and no guarantee can be given regarding accuracy or completeness. CAT scans, safe digging practices (as contained in HSE publications) and other appropriate investigative techniques should always be carried out.

There may be other apparatus or underground services owned or operated by Utility Companies and accordingly you should contact individual utilities for information.

If, in connection with your investigations and/or work, you become aware of Network Rail apparatus or underground services within your area of work, please ensure these are notified to our Asset Protection team via the following link as a matter of urgency so that appropriate measures for avoidance of risk and damage can be put in place.

Contact details can be found in the following link: Network Rail Asset Protection Teams

If you require any further clarification on any of the information please contact opburiedservicesenquiries@networkrail.co.uk.

Regards,

Dain

Dain Fuller
Worksite Survey Manager
Worksite Survey | Asset Information Services
National Records Centre | Audax Road | York YO30 4US
W: www.networkrail.co.uk

From: requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>
Sent: 19 June 2020 09:00
Cc: requests.utilitysolutions@atkinsglobal.com
Subject: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Our Reference: 86287
Site Name: Site off Tintagel Drive, Harrow

From: NRSWA <nrswa.nrswa@sky.uk>
Sent: 19 June 2020 14:55
To: Utility Solutions GDC Requests
Subject: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - 09/07/2020

Thank you for your enquiry.

Please be advised that Sky Telecommunications Services Ltd will not be affected by your proposal.

Best endeavours have been made to ensure accuracy, however if you require further information, please contact us by email at nrswa@sky.uk.

Regards

NRSWA Department
Tech UK - Implementation
sky | TECHNOLOGY
nrswa@sky.uk +44 20703232234

From: requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>
Sent: 19 June 2020 09:00
Cc: requests.utilitysolutions@atkinsglobal.com
Subject: [EXTERNAL] Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Our Reference: 86287
Site Name: Site off Tintagel Drive, Harrow
Works Description: Development Appraisal
Site Grid References: 517938 192470,517971 192497,517918 192473,517955 192507,517941 192433

To whom it may concern,

Please find enclosed a plant enquiry for your attention.

We request plans showing the location of your company's affected plant in relation to the entire site area shown within the boundary on the attached map. Grid references and postcodes relative to the site boundary are provided on the attached map to help you locate the site.

Within your response please quote our reference number and the name of the site shown above. If you do not have any apparatus in this area, please could you send written confirmation to declare that

Your ref: Ref: 86287
Our Ref: AD/NRS46197WA/ENQ/TFL: 57172

24th June 2020

Dear Sir/Madam

Plant Enquiry: Site off Tintagel Drive, Harrow

Thank you for your email dated 19th June 2020.

Our records show no traffic control equipment, within the sites of your anticipated works.

Should you vary the location of the works, please inform us so that further checks can be made.

The information relates to traffic control equipment, owned by Transport for London and believed to be correct.
Yours faithfully

Viv Lloyd
Plant Enquiries Officer
Network Performance - Regulation
Transport for London
Surface Transport | Network Management Directorate
Email: plantenquiries@tfl.gov.uk

From: UK OSP-Team <osp-team@uk.verizon.com>
Sent: 19 June 2020 13:38
To: Utility Solutions GDC Requests
Cc: UK OSP-Team
Subject: RE: [E] Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Dear Sir/Madam

Verizon is a licensed Statutory Undertaker.

We have reviewed your plans and have determined that Verizon (Formally known as MCI WorldCom, MFS) has no apparatus in the areas concerned.

If you have any further queries please do not hesitate to get in touch.

Yours faithfully

Plant Protection Officer (GB) Email osp-team@uk.verizon.com

From: requests.utilitysolutions@atkinsglobal.com [mailto:requests.utilitysolutions@atkinsglobal.com]
Sent: 19 June 2020 09:00
Cc: requests.utilitysolutions@atkinsglobal.com
Subject: [E] Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Our Reference: 86287
Site Name: Site off Tintagel Drive, Harrow
Works Description: Development Appraisal
Site Grid References: 517938 192470,517971 192497,517918 192473,517955 192507,517941 192433

To whom it may concern,

Please find enclosed a plant enquiry for your attention.

We request plans showing the location of your company's affected plant in relation to the entire site area shown within the boundary on the attached map. Grid references and postcodes relative to the site boundary are provided on the attached map to help you locate the site.

Within your response please quote our reference number and the name of the site shown above. If you do not have any apparatus in this area, please could you send written confirmation to declare that no apparatus is affected. Please also include information relating to the use and location of Radio Frequency Identification Devices (RFIDs) where available.

From: Gopalakrishnan, Roshni
Sent: 26 June 2020 18:44
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Please accept this email as confirmation that Vodafone: Fixed **does not** have apparatus within the vicinity of your proposed works detailed below.

Many thanks.

Plant Enquiries Team
T: +44 (0)1454 662881
E: osm.enquiries@atkinsglobal.com

This response is made only in respect to electronic communications apparatus forming part of the Vodafone Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK (now re-named Vodafone Enterprise UK), Energis Communications Limited, Thus Group Holdings Limited and Your Communications Limited.

ATKINS working on behalf of Vodafone: Fixed

PLEASE NOTE:

The information given is indicative only. No warranty is made as to its accuracy. This information must not be solely relied upon in the event of excavation or other works carried out in the vicinity of Vodafone plant. No liability of any kind whatsoever is accepted by Vodafone, its servants, or agents, for any error or omission in respect of information contained on this information. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to Vodafone's apparatus and all claims made against them by Third parties as a result of any interference or damage.

IMPORTANT - PLEASE READ:-
Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered, where apparatus is affected. Where apparatus is affected and requires diversion, you must submit draft details of the proposed scheme with a request for a 'C3 Budget Estimate' to c3requests@vodafone.com These estimates should be provided by Vodafone normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 (using the 'forward' option).

Please consider the environment before printing this e-mail

From: requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>
Sent: 19 June 2020 13:30
Cc: Utility Solutions GDC Requests <requests.utilitysolutions@atkinsglobal.com>
Subject: Plant Enquiry - 86287 - Site off Tintagel Drive, Harrow - Please respond by 09/07/2020

Our Reference: 86287
Site Name: Site off Tintagel Drive, Harrow
Works Description: Development Appraisal
Site Grid References: 517938 192470,517971 192497,517918 192473,517955 192507,517941 192433

To whom it may concern,

Please find enclosed a plant enquiry for your attention.

Consumer Protection

Important Consumer Protection Information

This search has been produced by Landmark Information Group Ltd, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD, Tel: 0844 844 9966 Fax: 0844 844 9980 Email: helpdesk@landmark.co.uk

Landmark adheres to the Conveyancing Information Executive (CIE) standards.

The Standards:

- Conveyancing Information Executive Members shall act in a professional and honest manner at all times in line with the Conveyancing Information Executive Standards and carry out the delivery of the Search with integrity and due care and skill.
- Compliance with the Conveyancing Information Executive Standards will be a condition within the Conveyancing Information Executive Member's Terms and Conditions.
- Conveyancing Information Executive Members will promote the benefits of and deliver the Search to the agreed standards and in the best interests of the customer and associated parties.
- The standards can be seen here: http://www.conveyinfoexec.com

Complaints

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Standards.
Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPO.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

Tel: 01722 333306
Fax: 01722 332296
Web site www.tpos.co.uk
Email: admin@tpos.co.uk

Consumer Protection

Landmark Complaints Procedure

If you want to make a complaint to Landmark, we will:

- Acknowledge it within 5 working days of receipt
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time
- Provide a final response, in writing, at the latest within 40 working days of receipt
- Liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Customer Relationships Manager
Landmark Information
Imperium
Imperial Way
Reading
RG2 0TD
Tel: 0844 844 9966
Email: helpdesk@landmark.co.uk
Fax: 0844 844 9980

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs):
Tel: 01722 333306,
Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.