



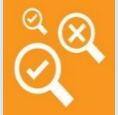





# Utilities Report

## Utility Type

|  |                    |          |
|--|--------------------|----------|
|    | Electricity        | AFFECTED |
|    | Gas                | AFFECTED |
|    | Water and Sewerage | AFFECTED |
|   | Telecoms           | AFFECTED |
|  | Other              | AFFECTED |

## Report Information

|  |   |
|--|---|
|  | Works Description: Legal Conveyancing             |
|  | This is Batch A - Responses Enclosed              |
|  | Complete - Please see 'Understanding This Report' |

This report is issued for the site described as:

Site off Antoneys Close, Pinner

Report Reference:

243540739\_1

National Grid Reference:

511680,190180

Customer Reference:

LM / 85888

Report Date:

26 June 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](mailto:helpdesk@landmark.co.uk)

# 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: 85888

Site Name: Site off Antoneys Close, Pinner

Date of Order: 01 June 2020

Date of Issue: 26 June 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.

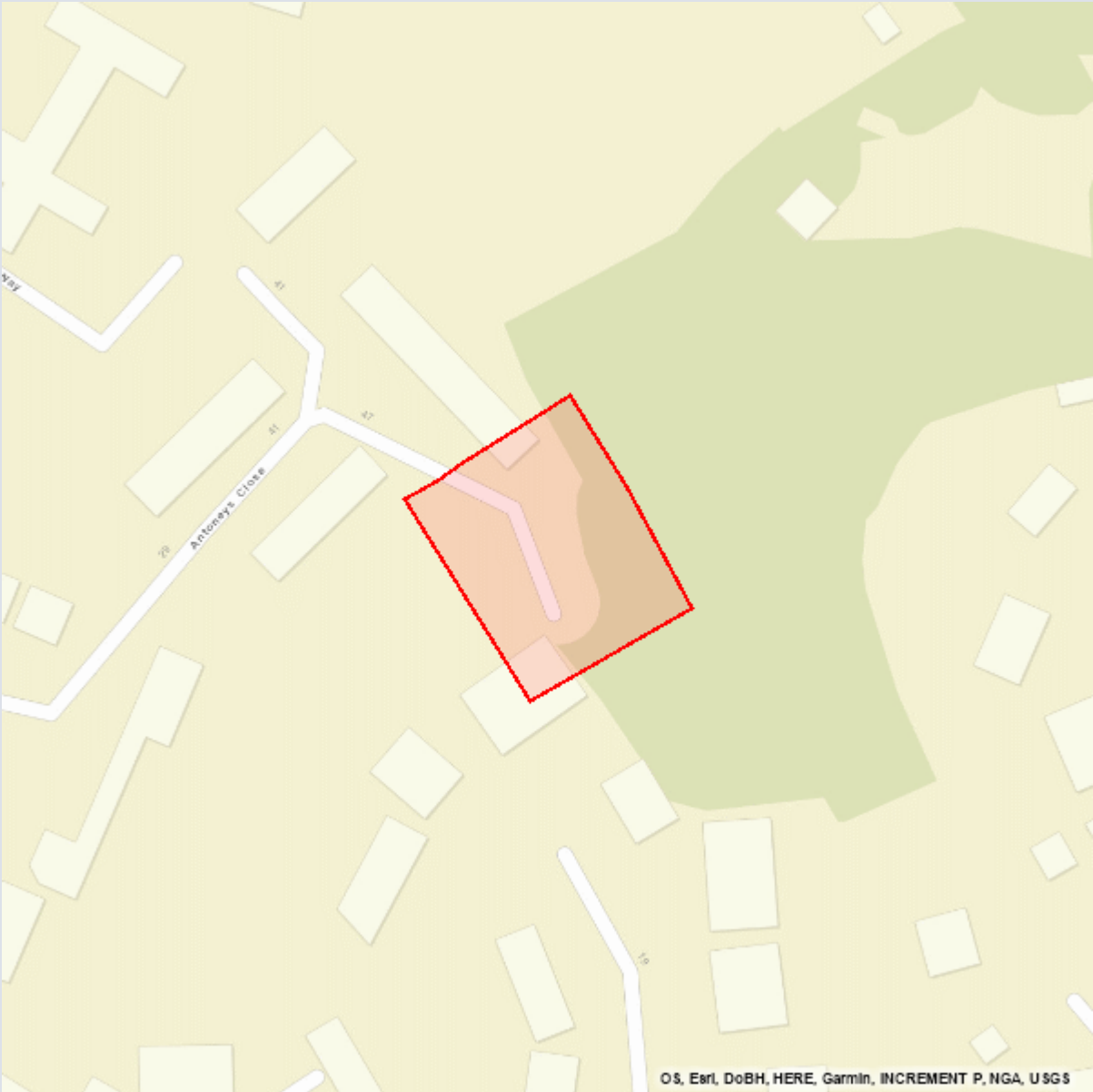
Any responses contained within this report have been obtained between the start date of the order and the date of issue.

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

# Utilities Report

|            |                                 |                 |      |
|------------|---------------------------------|-----------------|------|
| Reference: | 243540739_1                     | Checked by:     | SM   |
| Site Name: | Site off Antoneys Close, Pinner | Site size (ha): | 0.16 |

## Overview of Site



|                                     |   |
|-------------------------------------|---|
| Map Scale:                          | 1:1250  |
| Defining Coordinates (& postcodes): | 511690 190181,511717 190170,511663 190190,511694<br>190209,511686 190152<br>HA5 3LQ,HA5 3LP |

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



Site off Antoneys Close, Pinner

HA5 3LP

OSGR: 511680,190180

Date Requested: 01 June 2020

Client Reference: 243540739\_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                | 26 June 2020 |                          |  |
| Cadent Gas Ltd                           | Gas                  | 26 June 2020 |                          |  |
| Environment Agency                       | Environmental Agency | 26 June 2020 |                          | See response.  |
| LinesearchbeforeUdig                     | Other                | 26 June 2020 |                          | UK Power Networks - identified as affected. See separate response. |
| London Borough Of Harrow                 | Council              | 26 June 2020 |                          |  |
| Openreach - [British Telecommunications] | Telecom              | 26 June 2020 |                          |  |
| Thames Water                             | Water, Sewerage      | 26 June 2020 |                          | Sewer only.  |
| UK Power Networks                        | Electric             | 26 June 2020 |                          |  |
| Utility Assets                           | Electric             | 26 June 2020 |                          | See response.  |

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

| Utility            | Category | Date Issued | Late Response Issue Date | Notes                     |
|--------------------|----------|-------------|--------------------------|---------------------------|
| 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                       | 26 June 2020 |                          |       |
| CityFibre  | Telecom                       | 26 June 2020 |                          |       |
| GTC  | Telecom, Gas, Electric, Water | 26 June 2020 |                          |       |
| Instalcom - [CenturyLink, Global Crossing, Fibernet & Fiberspan] | Telecom                       | 26 June 2020 |                          |       |
| Last Mile  | Gas, Electric                 | 26 June 2020 |                          |       |
| London Underground - Power Distribution                          | Rail                          | 26 June 2020 |                          |       |
| Network Rail   | Rail                          | 26 June 2020 |                          |       |
| SKY Telecommunications Services                                  | Telecom                       | 26 June 2020 |                          |       |
| Transport for London   | Highways                      | 26 June 2020 |                          |       |
| Verizon  | Telecom                       | 26 June 2020 |                          |       |
| Virgin Media   | Telecom                       | 26 June 2020 |                          |       |
| Vodafone   | Telecom                       | 26 June 2020 |                          |       |

Checked and Validated By SNM

Date 26 June 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.

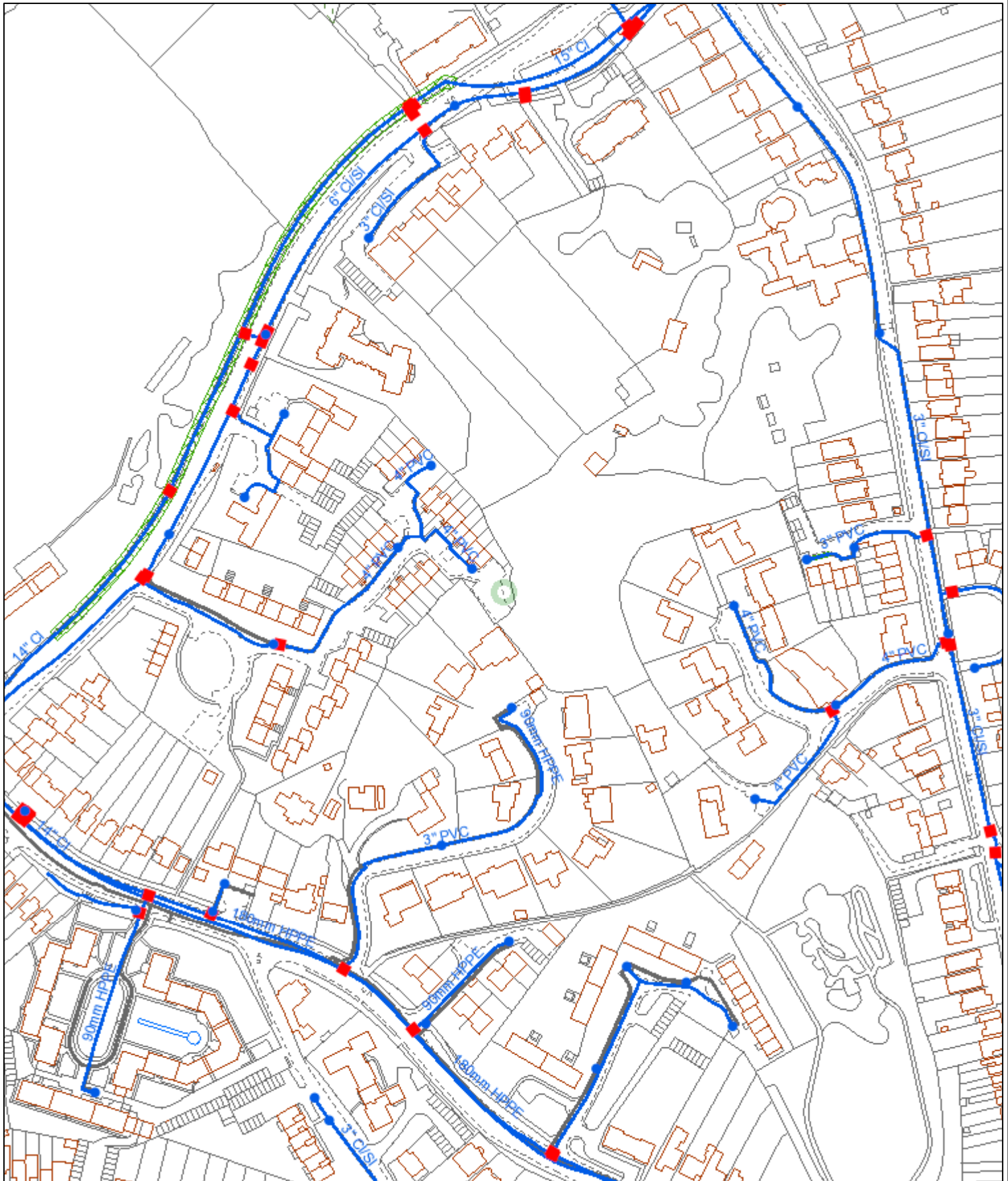
# Utilities Report



## Affected Utilities

Affinity Water - (Central Region)





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N  
12,500

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

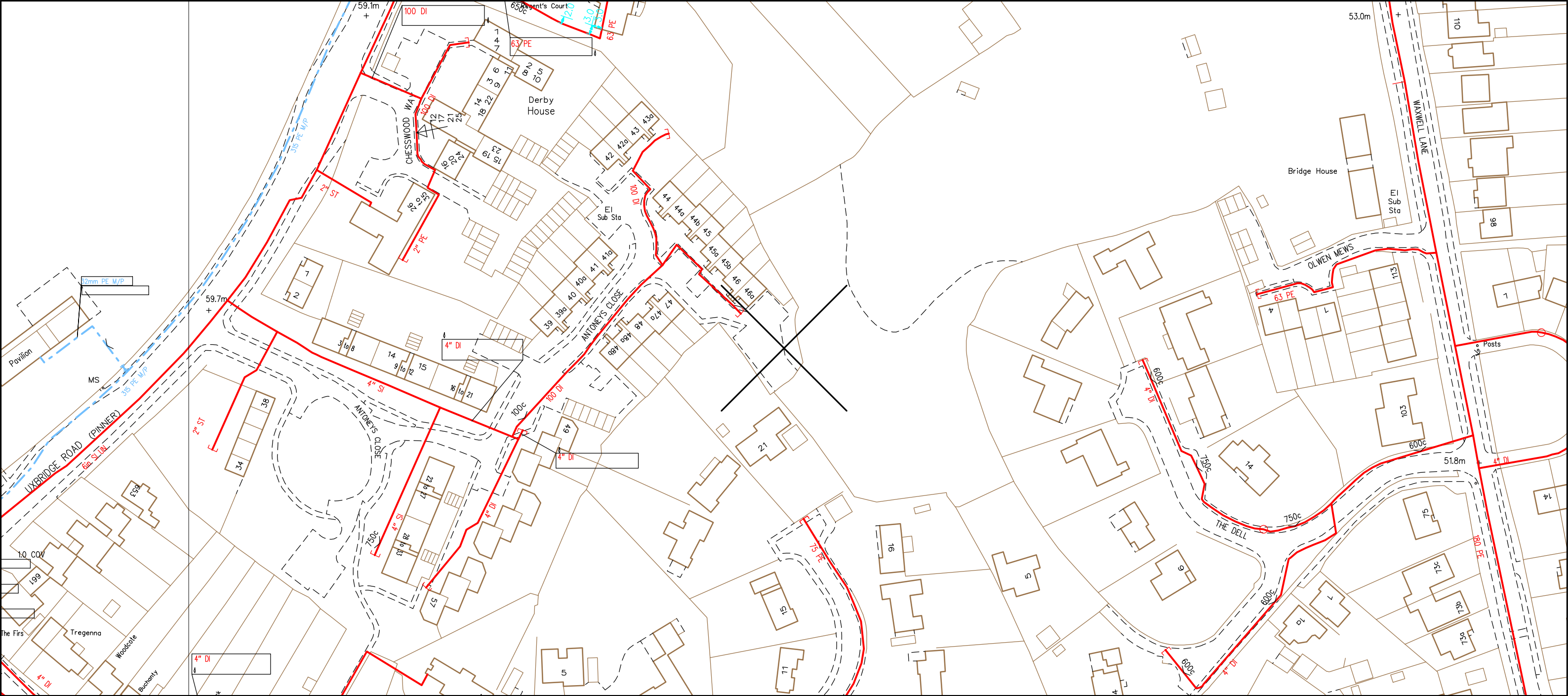
# Utilities Report



## Affected Utilities

Cadent Gas Ltd





SCALE: Not to scale

USER ID: MLOH2099

DATE: 17/06/2020

EXTRACT DATE: 03/03/2020

MAP REF: TQ1190

CENTRE: 511690, 190180

LP MAINS

MP MAINS

IP MAINS

LHP MAINS

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



**From:** Enquiries, Unit <enquiries@environment-agency.gov.uk>  
**Sent:** 08 June 2020 16:46  
**To:** Utility Solutions GDC Requests  
**Subject:** RE: Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020  
**Attachments:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Good Afternoon,

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.

Kind Regards,

Cleo Maora  
Customer Service Advisor, ICS  
Contact Centre Services - Part of Operations, Regulation & Customer

Tel: 0800 80 70 60

Web Site: [www.gov.uk/environment-agency](http://www.gov.uk/environment-agency)

Click an icon to keep in touch with us:-



|  |   |  |
|--|---|--|
| <b>CORONAVIRUS</b><br><b>PROTECT YOURSELF &amp; OTHERS</b> | For the latest guidance:<br>- INTRANET.EA.GOV<br>- NHS.UK/coronavirus<br>- GOV.UK/coronavirus |  Environment Agency |
|--|---|--|

**From:** requests.utilitysolutions@atkinsglobal.com  
[mailto:requests.utilitysolutions@atkinsglobal.com]  
**Sent:** 03 June 2020 06:43  
**Cc:** requests.utilitysolutions@atkinsglobal.com  
**Subject:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Our Reference: 85888  
Site Name: Site off Antoneys Close, Pinner  
Works Description: Development Appraisal  
Site Grid References: 511690 190181,511717 190170,511663 190190,511694 190209,511686 190152



## Standard notice [not for use with Special Data, Personal Data or unlicensed 3<sup>rd</sup> 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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This licence is governed by the laws of England and Wales.

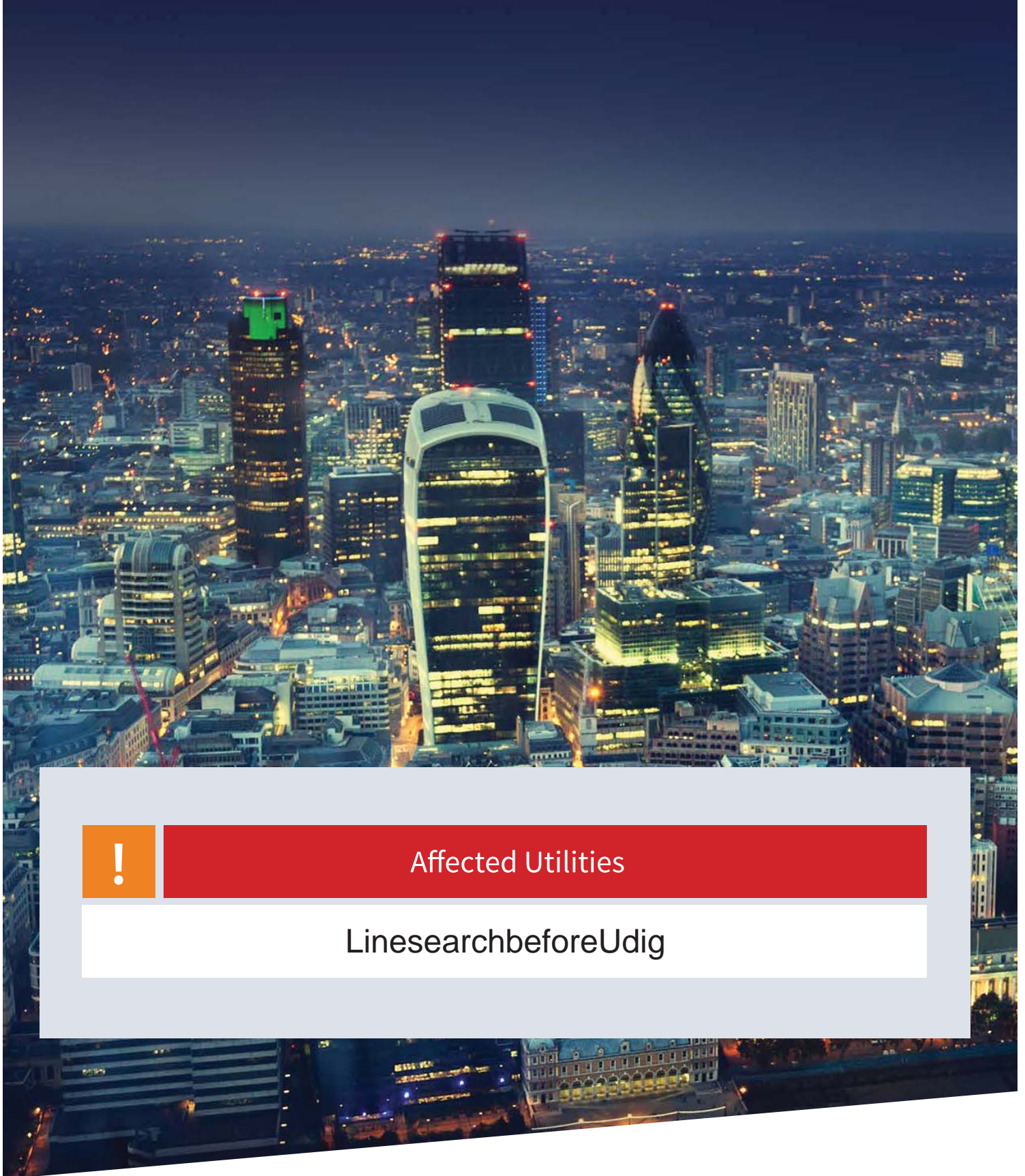
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- internal use for any purpose, or offering a product or service based on the Information for indirect commercial advantage, by an organisation that is primarily engaged in trade, commerce or a profession.

# Utilities Report



Affected Utilities

LineSearchbeforeUdig



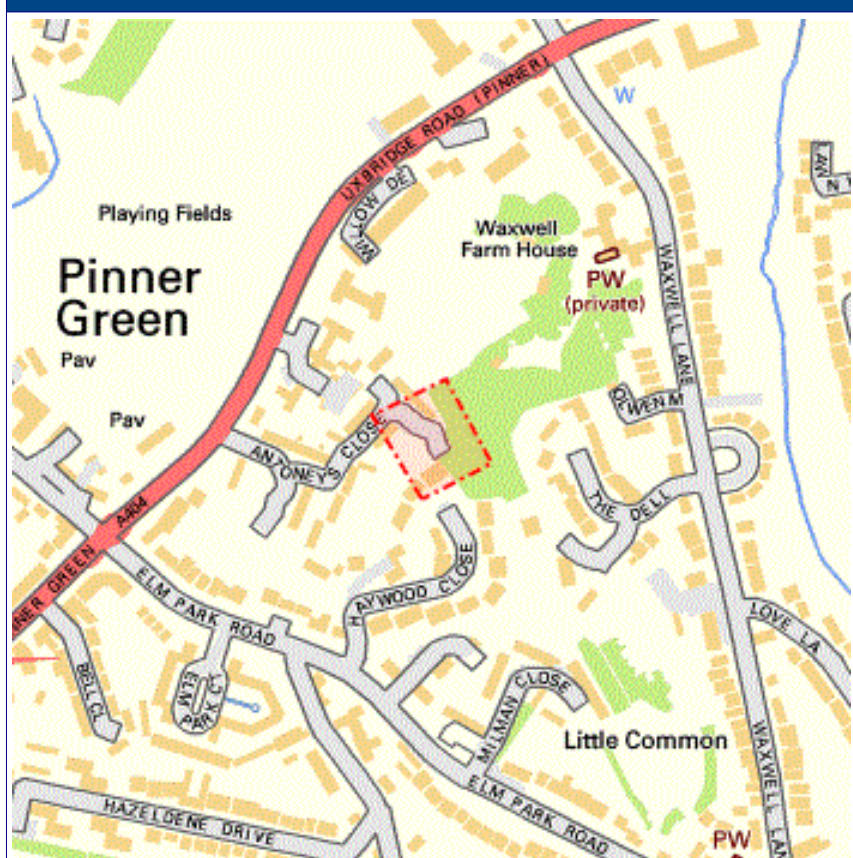
**Enquirer**

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

**Enquiry Details**

|                      |                    |                   |                        |
|----------------------|--------------------|-------------------|------------------------|
| Scheme/Reference     | LM 85888/SSM       |                   |                        |
| Enquiry type         | Initial Enquiry    | Work category     | Utility Works          |
| Start date           | 22/06/2020         | Work type         | Single excavation site |
| End date             | 22/09/2020         | Site size         | 5359 metres square     |
| Searched location    | XY= 511680, 190180 | Work type buffer* | 25 metres              |
| Confirmed location   | 511683 190182      |                   |                        |
| Site Contact Name    | Not Supplied       | Site Phone No     | Not Supplied           |
| Description of Works | Not Supplied       |                   |                        |

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

**Site Map**


**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    | Await response |

**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) |
| 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

London Borough Of Harrow



CHECKED

**From:** infrastructure@harrow.gov.uk  
**Sent:** 16 June 2020 18:54  
**To:** Utility Solutions GDC Requests  
**Subject:** RE: Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020  
**Attachments:** A1 Plant- Antoneys Close.pdf

Good Afternoon,

Please find attached our map showing all gullies and detailed river networks present at the above mentioned location as requested.

I trust the information provided is helpful.

Kind Regards,

**Infrastructure Team**

Community Directorate | Traffic, Highways & Asset Management

Email – [infrastructure@harrow.gov.uk](mailto:infrastructure@harrow.gov.uk)

BUILDING A BETTER  
**HARROW**  
[www.harrow.gov.uk](http://www.harrow.gov.uk)

*Disclaimer: The information above is correct at the time issue but can be subject to change in the future.*

---

**From:** Utility Solutions GDC Requests [mailto:requests.utilitysolutions@atkinsglobal.com]  
**Sent:** 03 June 2020 06:45  
**To:** Infrastructure; lulhvpowerassets@tfl.gov.uk  
**Subject:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Our Reference: 85888

Site Name: Site off Antoneys Close, Pinner

Works Description: Development Appraisal

Site Grid References: 511690 190181,511717 190170,511663 190190,511694 190209,511686 190152

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.

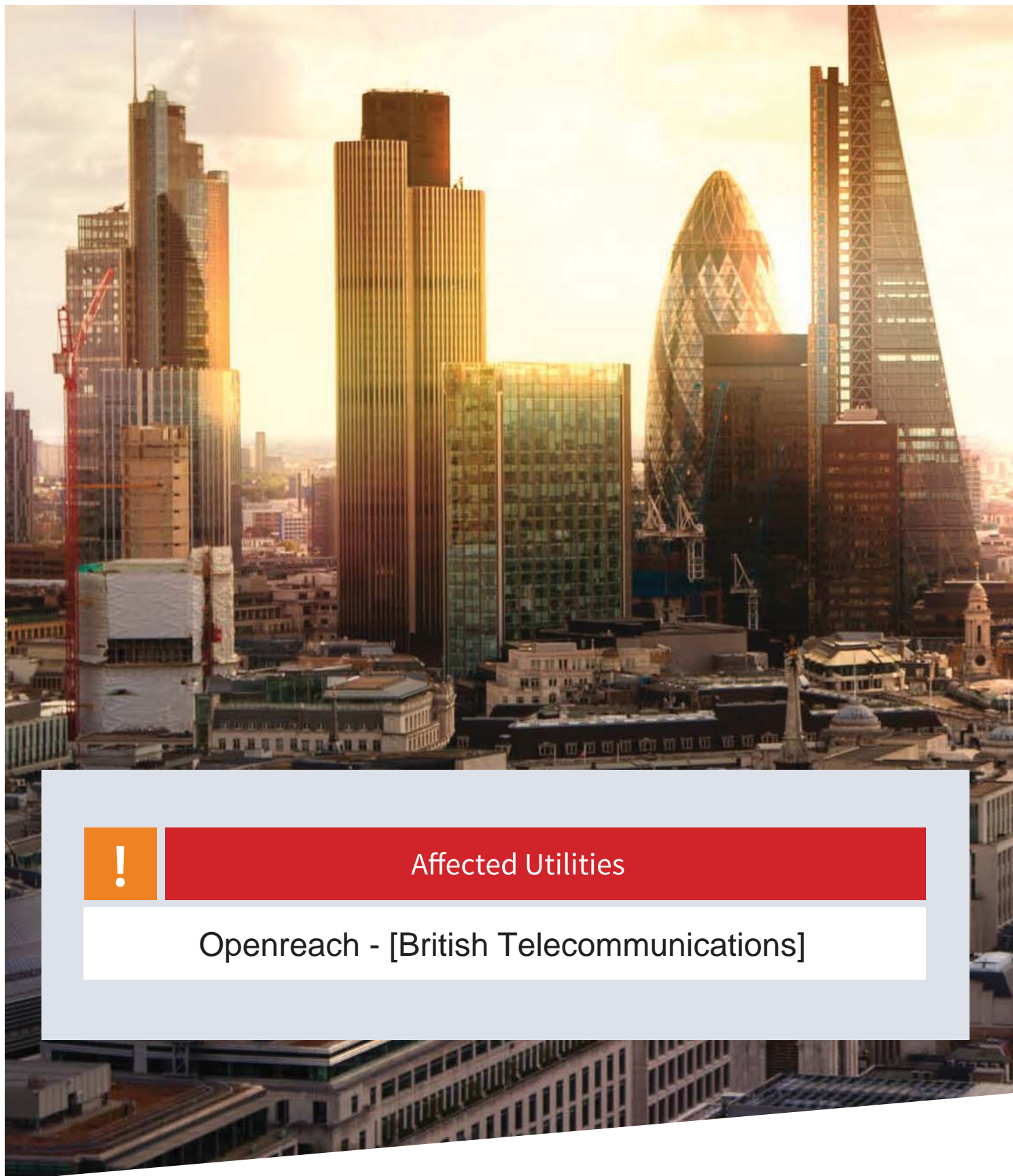
**It would be greatly appreciated if you could respond to this enquiry by 22/06/2020.** Your prompt response will assist with our clients proposals in your interests of plant protection.







# Utilities Report



## Affected Utilities

Openreach - [British Telecommunications]



openreach

Our Ref: Ref shown on map

Date of issue: shown on map

email: [nnhc@openreach.co.uk](mailto: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](mailto:CBYD@openreach.co.uk)

Visit the Click Before You Dig Website [www.openreach.co.uk/cbyd](http://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.

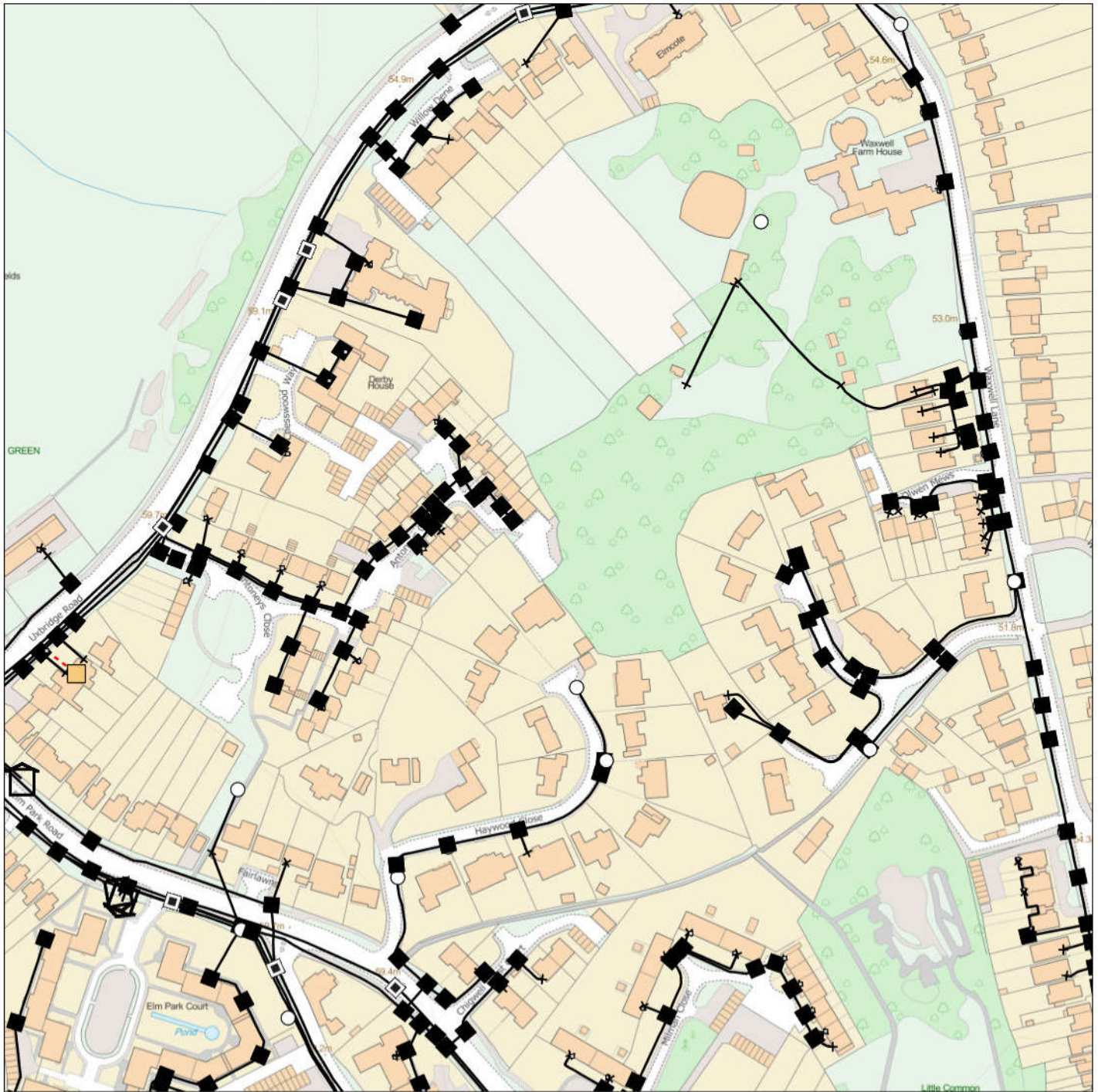
In the event of BT apparatus being in the area of your works we recommend that your plant/vehicle crossing is either resited, or apply for a budget estimate by submitting detailed plans to our Network Relocation Team at <https://www.ournetwork.openreach.co.uk/altering-our-network.aspx>

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](mailto:cbyd@openreach.co.uk)

ADVANCE NOTICE REQUIRED

(Office hours: Monday - Friday 08.00 to 17.00)

[www.openreach.co.uk/cbyd](http://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

## KEY TO BT SYMBOLS

|             | Planned     | Live     | Change Of State   | +          | Hatchings |  |
|-------------|-------------|----------|---|------------|-----------|--|
| PCP         |             |          | Split Coupling  |            | Built     |  |
| Pole        |             |          | Duct Tee  |            | Planned   |  |
| Box         |             |          | Building  |            | Inferred  |  |
| Manhole     |             |          | Kiosk   |            | Duct      |  |
| Cabinet     |             |          | 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 : DXK021130

Map Reference : (centre) TQ1169090181

Easting/Northing : (centre) 511690,190181

Issued : 03/06/2020 14:11:15

**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](mailto:nnhc@openreach.co.uk)**

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

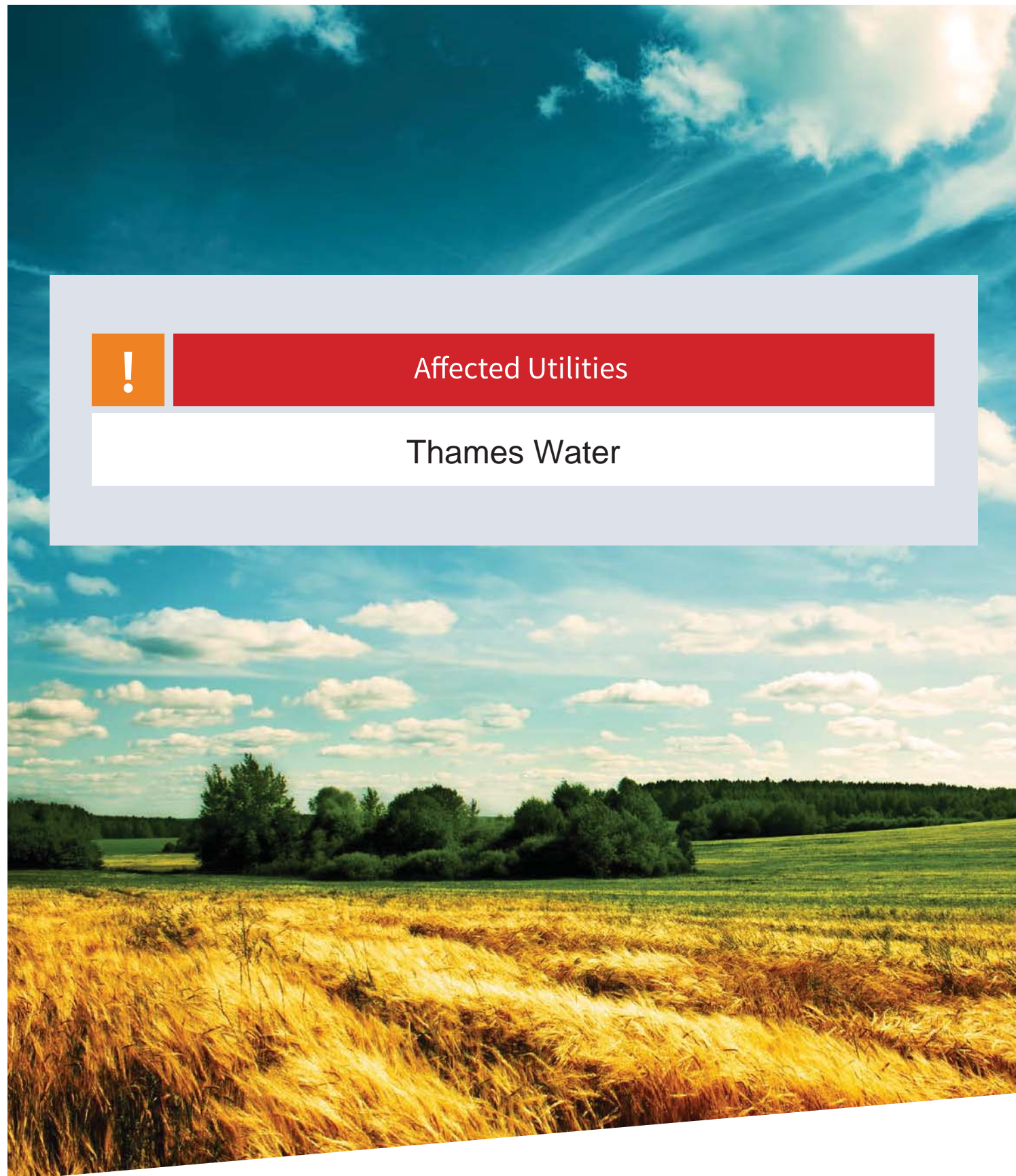


# Utilities Report



Affected Utilities

Thames Water





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

**Search address supplied** Site off Antoneys Close, Pinner  
HA5 3LP

**Your reference** 85888

**Our reference** ALS/ALS Standard/2020\_4194264

**Search date** 4 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](mailto:searches@thameswater.co.uk)  
[www.thameswater-propertysearches.co.uk](http://www.thameswater-propertysearches.co.uk)



0845 070 9148

**Search address supplied:** Site off Antoneys Close, Pinner, HA5 3LP

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 search provides 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](mailto:searches@thameswater.co.uk)

Web: [www.thameswater-propertysearches.co.uk](http://www.thameswater-propertysearches.co.uk)

### 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

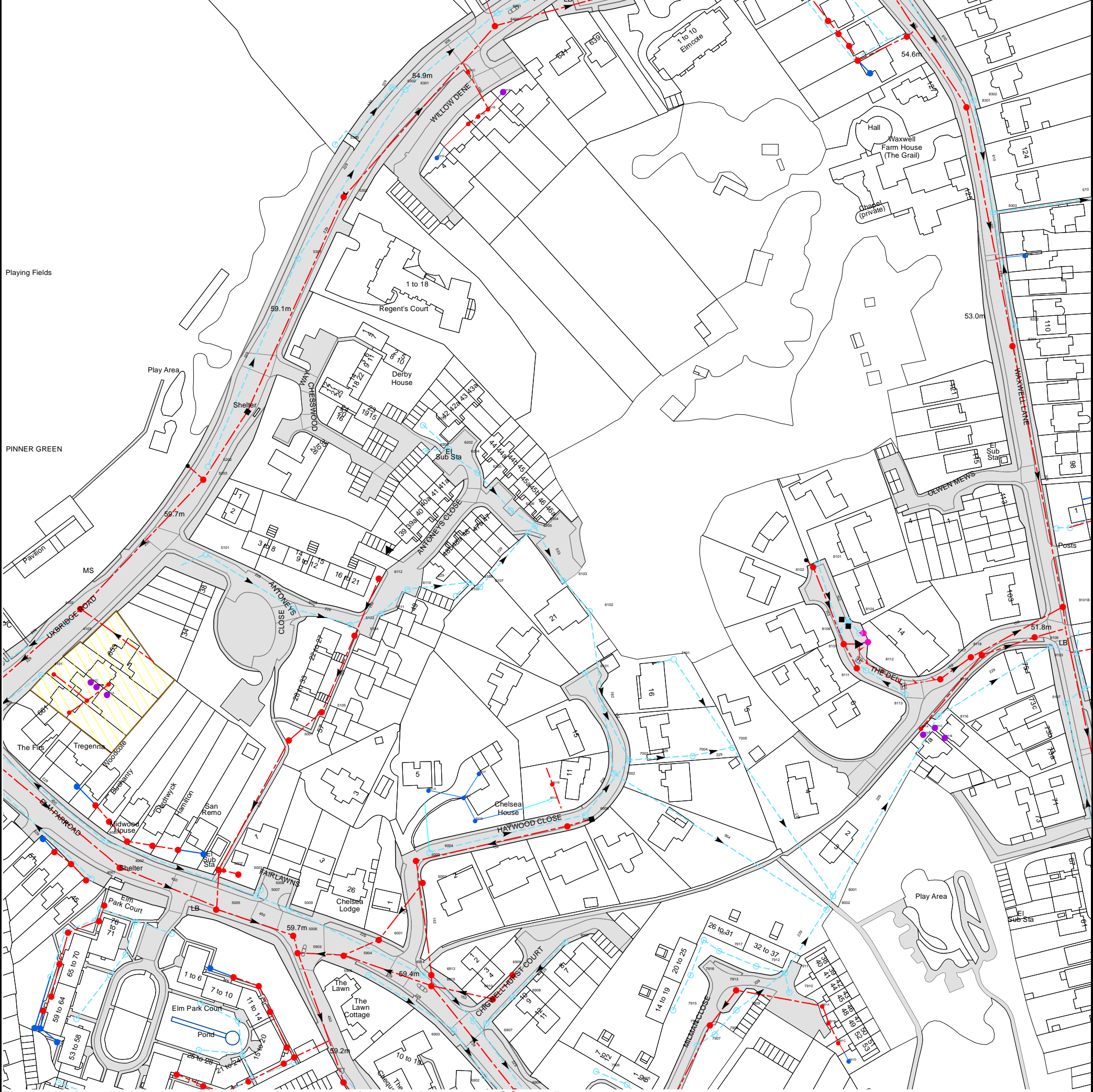
Tel: 0800 009 3921  
Email: [developer.services@thameswater.co.uk](mailto:developer.services@thameswater.co.uk)

#### 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](mailto:developer.services@thameswater.co.uk)



The width of the displayed area is 500 m and the centre of the map is located at OS coordinates 511680,190184  
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 |
|-------------------|---------------------|----------------------|
| 891A              | n/a                 | n/a                  |
| 7910              | 57.12               | 56.06                |
| 7913              | 56.89               | 56.38                |
| 7916              | 57.08               | 56.08                |
| 7911              | 57.22               | 55.49                |
| 7912              | 56.78               | 55.62                |
| 7917              | 56.83               | 55.76                |
| 7001              | 56.86               | 55.87                |
| 8002              | 56.09               | n/a                  |
| 8001              | 55.5                | 54.37                |
| 7002              | 57.09               | 54.53                |
| 7003              | 57.18               | 55.78                |
| 7004              | 57.14               | 55.74                |
| 7005              | 56.81               | 55.6                 |
| 801D              | n/a                 | n/a                  |
| 801A              | n/a                 | n/a                  |
| 8113              | 50.95               | 48.77                |
| 8112              | 49.34               | 48.44                |
| 8111              | 49.4                | 47.93                |
| 7101              | 56.3                | 55.81                |
| 8107              | 49.54               | 47.86                |
| 8109              | n/a                 | n/a                  |
| 8120              | n/a                 | n/a                  |
| 8121              | n/a                 | n/a                  |
| 8106              | 49.51               | 48.08                |
| 8104              | 49.65               | n/a                  |
| 8102              | 50.29               | 48.43                |
| 8101              | 50.35               | 48.56                |
| 7905              | 57.71               | 56.91                |
| 7906              | 57.85               | 57.15                |
| 891D              | n/a                 | n/a                  |
| 7907              | 56.86               | n/a                  |
| 891C              | n/a                 | n/a                  |
| 7908              | 57.1                | n/a                  |
| 7914              | 56.97               | 56.32                |
| 891B              | n/a                 | n/a                  |
| 7915              | 57.17               | 56.41                |
| 7909              | 56.63               | 55.95                |
| 6001              | 59.4                | 56.04                |
| 6003              | 58.77               | 55.41                |
| 6914              | 59.38               | 57.92                |
| 6002              | 59.02               | 56.56                |
| 601A              | n/a                 | n/a                  |
| 6004              | 58.37               | 57.26                |
| 6915              | 59.48               | 55.28                |
| 6913              | 59.39               | 55.35                |
| 601C              | n/a                 | n/a                  |
| 601D              | n/a                 | n/a                  |
| 601F              | n/a                 | n/a                  |
| 6909              | 58.56               | 56.21                |
| 601E              | n/a                 | n/a                  |
| 6007              | 58.38               | 57.73                |
| 6005              | 57.77               | 55.85                |
| 6006              | 57.59               | 56.44                |
| 59BA              | n/a                 | n/a                  |
| 59BD              | n/a                 | n/a                  |
| 59BB              | n/a                 | n/a                  |
| 59CG              | n/a                 | n/a                  |
| 59BC              | n/a                 | n/a                  |
| 5901              | 59.69               | 53.56                |
| 6903              | 58.77               | 57.3                 |
| 6911              | 58.83               | 57.55                |
| 6902              | 58.83               | 56.94                |
| 6907              | 58.71               | 57.44                |
| 6910              | 58.7                | 55.91                |
| 6908              | 58.72               | 57.5                 |
| 6904              | 58.41               | 55.46                |
| 50AF              | n/a                 | n/a                  |
| 50AE              | n/a                 | n/a                  |
| 50AD              | n/a                 | n/a                  |
| 59AH              | n/a                 | n/a                  |
| 5005              | n/a                 | n/a                  |
| 5002              | 59.94               | 55.45                |
| 59AI              | n/a                 | n/a                  |
| 5003              | 60.08               | 58.07                |
| 5007              | 60                  | 58.41                |
| 59AJ              | n/a                 | n/a                  |
| 5008              | 59.88               | 58.6                 |
| 5009              | 59.82               | 58.37                |
| 5006              | n/a                 | n/a                  |
| 5903              | 59.45               | 53.76                |
| 5904              | 59.25               | 54.59                |
| 5905              | 59.5                | 57.51                |
| 49FB              | n/a                 | n/a                  |
| 59BI              | n/a                 | n/a                  |
| 59CE              | n/a                 | n/a                  |
| 59CB              | n/a                 | n/a                  |
| 59BH              | n/a                 | n/a                  |
| 59CC              | n/a                 | n/a                  |
| 59CD              | n/a                 | n/a                  |
| 59BF              | n/a                 | n/a                  |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 59CF              | n/a                 | n/a                  |
| 49FC              | n/a                 | n/a                  |
| 49FD              | n/a                 | n/a                  |
| 40CC              | n/a                 | n/a                  |
| 40CF              | n/a                 | n/a                  |
| 40CI              | n/a                 | n/a                  |
| 40CD              | n/a                 | n/a                  |
| 40CG              | n/a                 | n/a                  |
| 40CH              | n/a                 | n/a                  |
| 40CE              | n/a                 | n/a                  |
| 40AI              | n/a                 | n/a                  |
| 4001              | n/a                 | n/a                  |
| 4002              | n/a                 | n/a                  |
| 40AH              | n/a                 | n/a                  |
| 40BE              | n/a                 | n/a                  |
| 40BF              | n/a                 | n/a                  |
| 4003              | 60.03               | 58.9                 |
| 40BG              | n/a                 | n/a                  |
| 40BH              | n/a                 | n/a                  |
| 40BI              | n/a                 | n/a                  |
| 41AH              | n/a                 | n/a                  |
| 41AG              | n/a                 | n/a                  |
| 411A              | n/a                 | n/a                  |
| 411B              | n/a                 | n/a                  |
| 41AF              | n/a                 | n/a                  |
| 411C              | n/a                 | n/a                  |
| 4103              | n/a                 | n/a                  |
| 4102              | n/a                 | n/a                  |
| 49EJ              | n/a                 | n/a                  |
| 49EF              | n/a                 | n/a                  |
| 49EG              | n/a                 | n/a                  |
| 49FA              | n/a                 | n/a                  |
| 49EH              | n/a                 | n/a                  |
| 49EE              | n/a                 | n/a                  |
| 49DG              | n/a                 | n/a                  |
| 49EI              | n/a                 | n/a                  |
| 40AG              | n/a                 | n/a                  |
| 40AF              | n/a                 | n/a                  |
| 4101              | 59.9                | 59.29                |
| 41AI              | n/a                 | n/a                  |
| 8201              | 52.83               | 50.05                |
| 8202              | 53.05               | 52.43                |
| 801C              | n/a                 | n/a                  |
| 8116              | 53.75               | 53.32                |
| 8115              | 52.22               | 51.04                |
| 801B              | n/a                 | n/a                  |
| 8117              | 52.6                | 50.71                |
| 8118              | 52.73               | 51.84                |
| 9109              | 52.24               | 51.32                |
| 9103              | 52.27               | 51.43                |
| 91GA              | n/a                 | n/a                  |
| 9101B             | 52.01               | 49.41                |
| 9107              | 52.53               | 51.83                |
| 91BA              | n/a                 | n/a                  |
| 9104              | 51.97               | 51.07                |
| 9105              | 52.22               | 51.05                |
| 91FI              | n/a                 | n/a                  |
| 5301              | 58.7                | 57.18                |
| 5303              | n/a                 | n/a                  |
| 5302              | 58.13               | 55.81                |
| 6302              | n/a                 | n/a                  |
| 6301              | 56.15               | 54.08                |
| 631D              | n/a                 | n/a                  |
| 631C              | n/a                 | n/a                  |
| 631A              | n/a                 | n/a                  |
| 631F              | n/a                 | n/a                  |
| 641C              | n/a                 | n/a                  |
| 631B              | n/a                 | n/a                  |
| 6402              | 54.69               | 52.37                |
| 6401              | 54.8                | 52.95                |
| 631E              | n/a                 | n/a                  |
| 84AE              | n/a                 | n/a                  |
| 84AF              | n/a                 | n/a                  |
| 84AG              | n/a                 | n/a                  |
| 84AH              | n/a                 | n/a                  |
| 83AB              | n/a                 | n/a                  |
| 84AI              | n/a                 | n/a                  |
| 8301              | 54.66               | 50.58                |
| 8302              | 54.64               | 52.04                |
| 8303              | 53.75               | 51.82                |
| 831A              | n/a                 | n/a                  |
| 601B              | n/a                 | n/a                  |
| 5001              | 59.17               | 56.24                |
| 5105              | 59.17               | 56.54                |
| 6101              | 57.32               | 56.3                 |
| 5104              | 58.84               | 56.86                |
| 5103              | 58.8                | 57.86                |
| 6111              | 58.65               | n/a                  |
| 6102              | 56.79               | 54.89                |
| 5102              | 59.12               | 58.03                |
| 6109              | 58.09               | 57.17                |
| 6110              | 58.26               | 57.61                |
| 6107              | 57.07               | 56.61                |

| Manhole Reference  | Manhole Cover Level | Manhole Invert Level |
|--|---------------------|----------------------|
| 6108   | 58.06               | 57.05                |
| 6103   | 56.52               | 55.06                |
| 6112   | 58.59               | 57.26                |
| 5101   | 59.64               | 58.44                |
| 6105   | 56.67               | 55.98                |
| 6104   | 56.69               | 55.24                |
| 6106   | 57.06               | 55.52                |
| 5203   | 60.63               | 57.66                |
| 6205   | 57.36               | 55.78                |
| 5202   | 60.01               | 58.44                |
| 6204   | 57.48               | 55.89                |
| 6203   | 57.99               | n/a                  |
| 6202   | 57.6                | 55.96                |
| 6201   | 57.95               | 57.18                |
| 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)

|  |   |
|--|---|
|  | <b>Foul:</b> A sewer designed to convey waste water from domestic and industrial sources to a treatment works.                              |
|  | <b>Surface Water:</b> A sewer designed to convey surface water (e.g. rain water from roofs, yards and car parks) to rivers or watercourses. |
|  | <b>Combined:</b> 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  |

### 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.

## 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        |  | Gully               |
|  | Culverted Watercourse |  | Proposed            |
|  |                       |  | Abandoned Sewer     |

## 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 <b>0845 070 9148</b> quoting your invoice number starting CBA or ADS / OSS | Account number <b>90478703</b><br>Sort code <b>60-00-01</b><br>A remittance advice must be sent to:<br><b>Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW.</b><br>or email <a href="mailto:ps.billing@thameswater.co.uk">ps.billing@thameswater.co.uk</a> | By calling your bank and quoting:<br>Account number <b>90478703</b><br>Sort code <b>60-00-01</b> and your invoice number | Made payable to ' <b>Thames Water Utilities Ltd</b> '<br>Write your Thames Water account number on the back.<br>Send to:<br><b>Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW</b><br>or by DX to <b>151280 Slough 13</b> |

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



Our Ref: 18532930      Your Ref: LM 85888/SSM

Wednesday, 03 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



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



- 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.

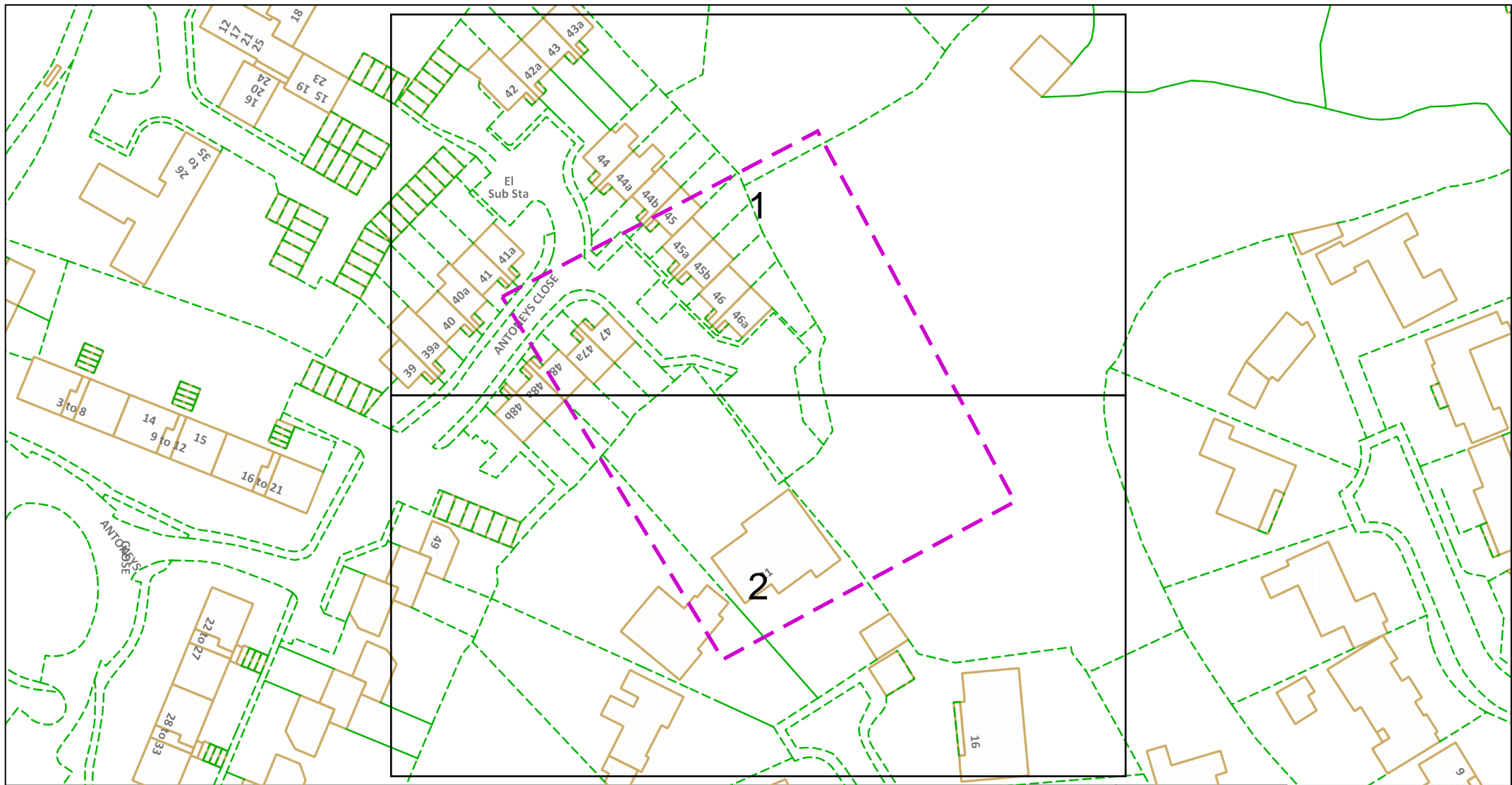
The GS6 Recommendations may be purchased from HSE Books or downloaded from the Energy Networks Association's website.

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: 03/06/2020

Job Reference: 18532930

Site Location: 511581 190107

Requested by:

Ms Christina Elliott

Your Scheme/Reference: LM

85888/SSM

Scale: 1:1025 (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 provided 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](mailto: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.

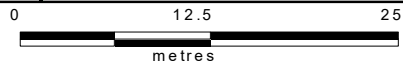
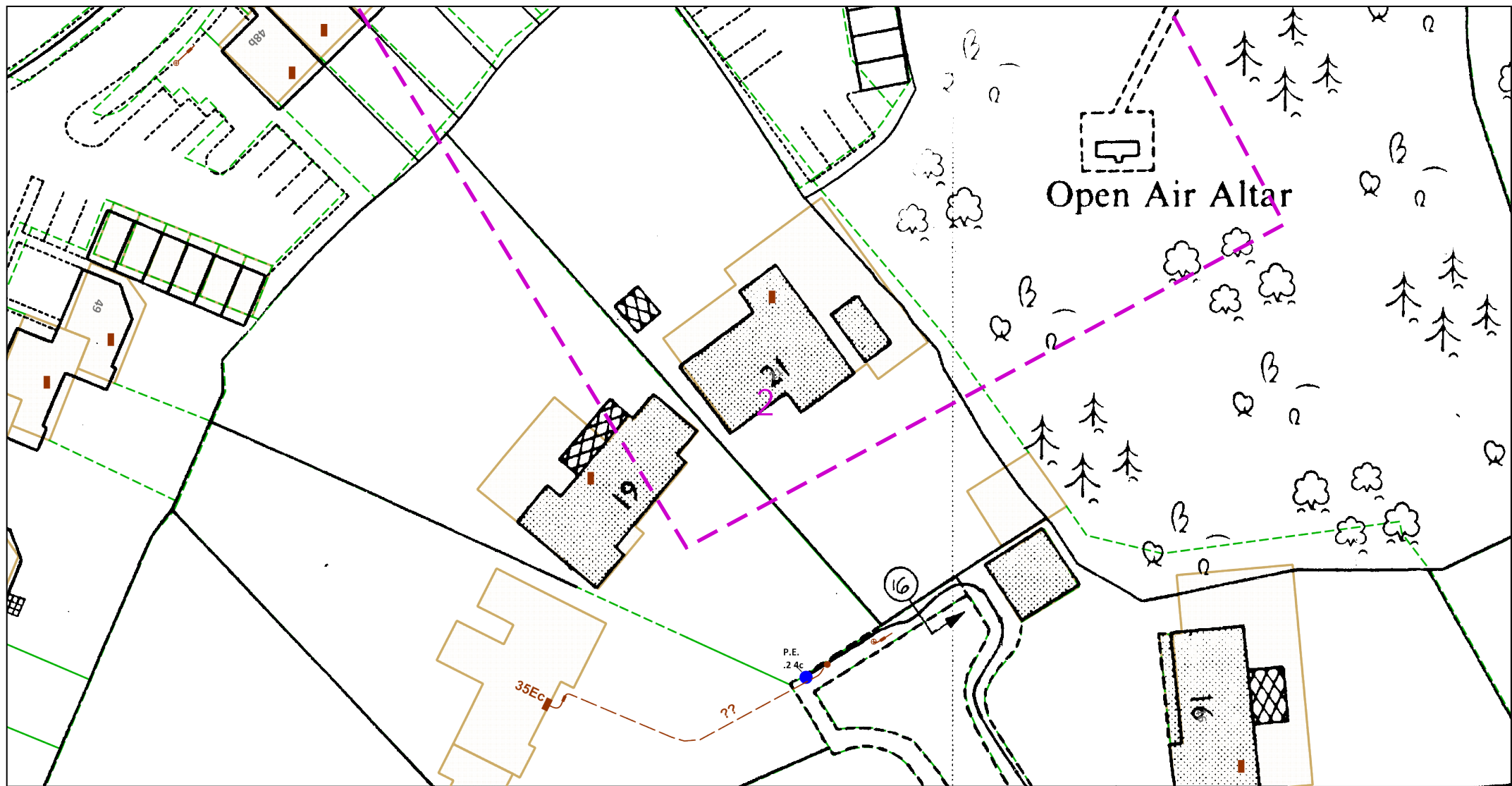
IF IN DOUBT - ASK! PHONE  
0800 056 5866  
EMERGENCY - If you damage a  
cable or line  
Phone 0800 783 8838 (24hrs)  
URGENTLY



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.





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: 03/06/2020  
Job Reference: 18532930  
Site Location: 511581 190107  
Requested by: Ms Christina Elliott

Your Scheme/Reference: LM  
85888/SSM  
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.
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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.
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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.



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

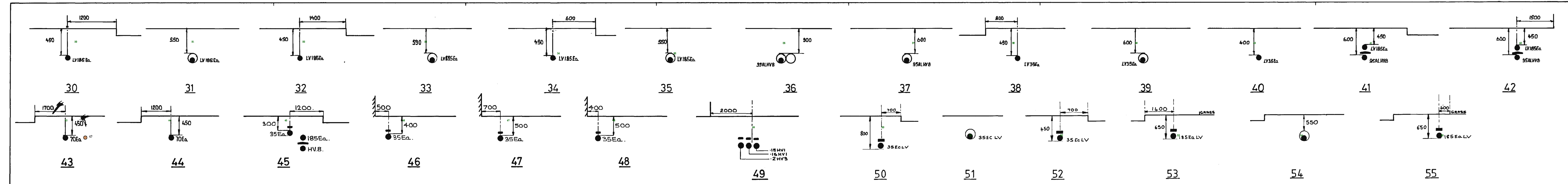


ALWAYS LOOK UP  
BEFORE  
YOU START WORK  
Refer to HSE Guidance  
note GS6

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.







eastern electricity 

|       |                     |
|-------|---------------------|
| SCALE | WATFORD<br>DISTRICT |
|-------|---------------------|

LOCATION PINNER GREEN

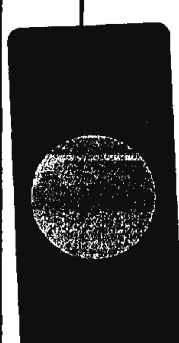
|           |       |      |
|-----------|-------|------|
| SHEET NO. | ISSUE | DATE |
|-----------|-------|------|

REPRODUCED FROM OR BASED UPON THE  
ORDNANCE SURVEY MAP WITH THE SANCTION  
OF THE CONTROLLER OF H.M. STATIONERY  
OFFICE

CROWN COPYRIGHT RESERVED

|                 |  |
|-----------------|--|
| THE<br>IN<br>RY | <b>SERVICES</b><br>FOR DETAILS OF SERVICE CABLE<br>REFERENCE SHOULD BE MADE TO<br>THE SERVICE CARDS IN THE<br>DISTRICT OFFICE. |
|-----------------|--|

|                         |       |        |
|-------------------------|-------|--------|
| SHEET NO.               | ISSUE | DATE   |
| TQ1190SEB.s1            | A     | 25-09- |
| SUPPLEMENTARY SHEET NO. |       |        |



TG11905EB



# 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        | <u>1:500 view</u>   |
| 4        | Scenery.  |
| 7        | Scenery (UK Power Networks use only).   |
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| 9        | Secondary distribution cables (HV/LV).  |
| 10       | Service cables/terminations.  |
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| 13       | EHV/HV/LV sites.  |
| 14       | Mains joints.   |
| 15       | Service joints.   |
| 17       | Cross sections.   |
| 17       | Common abbreviations/terminology (all views).                                     |
| 19       | <u>1:2500 (LV) &amp; 1:10000 (HV) network views</u> (UK Power Networks use only). |
| 20       | General.  |
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| 23       | <u>LV network diagram view</u> (UK Power Networks use only).                      |
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| 25       | 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.

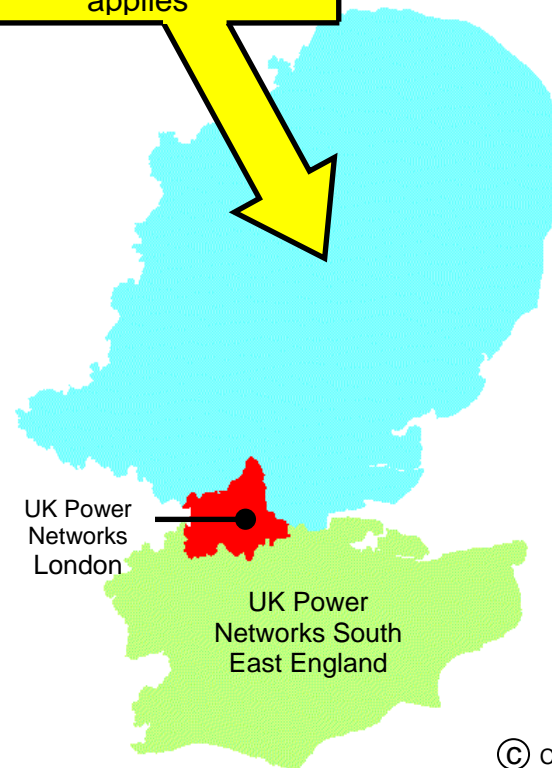


**Plan Provision Team  
Fore Hamlet  
Ipswich  
Suffolk IP3 8AA  
Tel: 08000 565866**

## **The area covered by this guide:**

### **UK Power Networks East of England.**











This is the only area  
where this document  
applies










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## 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   |
|--|----------------|---|
| <br>Inset Network – Contact xxxx IDNO for further information   | Not applicable | Area of inset network - not the asset of UK Power Networks<br>(only visible to UK Power Networks and their immediate contractors) |
|   | Not applicable | Proposed Cross Rail route<br>(only visible to UK Power Networks and their immediate contractors)                                  |
|   | Not applicable | High pressure pipelines in the general vicinity<br>(only visible to UK Power Networks and their immediate contractors)            |
| <p>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 <a href="http://www.linewatch.co.uk">www.linewatch.co.uk</a> for contacts and guidance. Pipeline contact numbers can also be found on the intranet – out of hours, contact our Control Centre.</p> |                |   |
|   | Not applicable | Water - surface water<br>(only visible to UK Power Networks and their immediate contractors)                                      |
|    | Not applicable | Water - Source Protection Zone 1<br>(only visible to UK Power Networks and their immediate contractors)                           |
|   | Not applicable | Water - Source Protection Zone 2<br>(only visible to UK Power Networks and their immediate contractors)                           |
|   | Not applicable | Water - Source Protection Zone 3<br>(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<br>(only visible to UK Power Networks and their immediate contractors)                        |
|    | Not applicable  | Historical - Parks and Gardens<br>(only visible to UK Power Networks and their immediate contractors)                          |
|    | Not applicable  | Historical - Areas of Archaeological Potential (AAP)<br>(only visible to E UK Power Networks and their Immediate contractors)  |
|    | Not applicable  | Nature - Ramsar Wetlands of International Importance<br>(only visible to UK Power Networks and their immediate contractors)    |
|   | Not applicable  | Nature - Special Area of Conservation (SAC)<br>(only visible to UK Power Networks and their immediate contractors)             |
|  | Not applicable  | Nature - Special Protected Area (SPA)<br>(only visible to UK Power Networks and their immediate contractors)                   |
|  |  | Nature - Site of Special and Scientific Interest (SSSI)<br>(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<br>(only visible to UK Power Networks and their immediate contractors)                      |
|    | Not applicable | Nature - National Nature Reserve<br>(only visible to UK Power Networks and their immediate contractors)                   |
|    | Not applicable | Nature - Area of Outstanding Natural Beauty (AONB)<br>(only visible to UK Power Networks and their immediate contractors) |
|    | Not applicable | Nature - National Park<br>(only visible to UK Power Networks and their immediate contractors)                             |
|  | Not applicable | Fluid filled cables - very high sensitivity<br>(only visible to UK Power Networks and their immediate contractors)        |
|  | Not applicable | Fluid filled cables - high sensitivity<br>(only visible to UK Power Networks and their immediate contractors)             |
|  | Not applicable | Fluid filled cables - medium sensitivity<br>(only visible to UK Power Networks and their immediate contractors)           |
|  | Not applicable | Fluid filled cables - low sensitivity<br>(only visible to UK Power Networks and their immediate contractors)              |

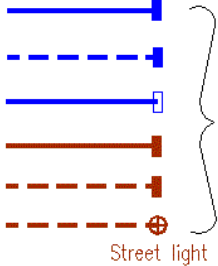
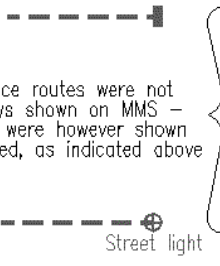
### Primary distribution cables (1:500 view)

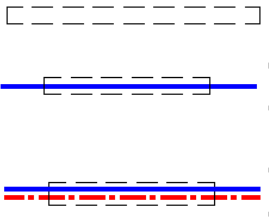
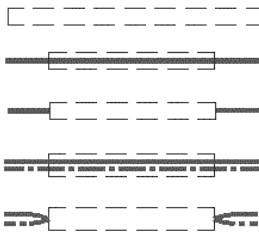
| NetMAP system   | Scanned image   | Description               |
|---|---|---------------------------|
|  |  | Over 33kV and up to 132kV |
|  |  | Over 11kV and up to 33kV  |

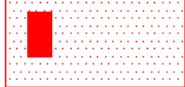
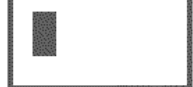























### Secondary distribution cables (1:500 view)

| NetMAP system   | Scanned image   | Description                                   |
|---|---|---|
|  |  | Over 230/400V and up to 11kV (HV) cable route |
|  |  | 230/400V (LV) cable route                     |
|  |  | Pilot cable route                             |
| (Only shown this way if independent from HV cable route)                            |   |   |
| Abandoned cables are shown and labelled as such when applicable                     |   |   |






| Service cables and terminations (1:500 view)                                      |   |   |
|---|---|---|
| NetMAP system   | Scanned image   | Description   |
|  |  | <p>3 phase service with termination</p> <p>3 phase service with termination (unknown route)</p> <p>3 phase service with multi-head termination</p> <p>Single phase service with termination</p> <p>Single phase service with termination (route unknown)</p> <p>Street lighting cable and termination</p> |

| Cable ducts (1:500 view)  |   |   |
|---|---|---|
| NetMAP system   | Scanned image   | Description   |
|  |  | <p>Empty duct</p> <p>Cable(s) in duct(s)</p> <p>Cable(s) in duct(s) (on some raster maps)</p> <p>Multiple cables in ducts</p> <p>Multiple cables in ducts (on some raster maps)</p> |

| EHV, HV and LV sites (1:500 view)  |  |  |
|--|--|--|
| NetMAP system  | Scanned image  | Description  |
| COLCHESTER GRID<br> | COLCHESTER GRID<br>   | Primary substation                                   |
| HIGH STREET<br>     |  HIGH STREET<br> HIGH STREET | Secondary substation                                 |
|                     |   | Pad mounted substation                               |
|                     |   | Link box – 2 way                                     |
|                     |   | Link box – 4 way<br>(6 way etc shown similarly)      |
|                     |   | Feeder pillar – 4 way<br>(6 way etc shown similarly) |
| CHURCH RD<br>       | CHURCH RD<br>   | Pole transformer                                     |
|                   |   | Poles on underground records                         |
|                   |   |  |
|                   |   | H pole, any voltage                                  |
|                   |   |  |
|                   |   | Service turret (solid type)                          |

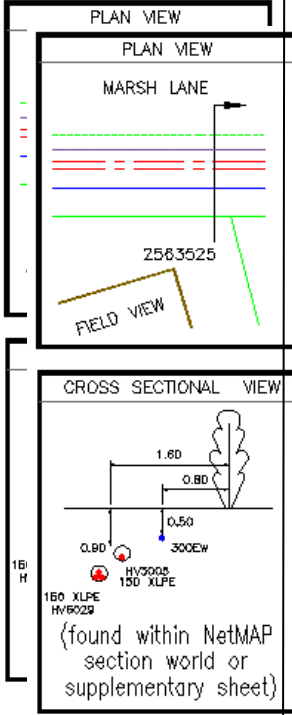
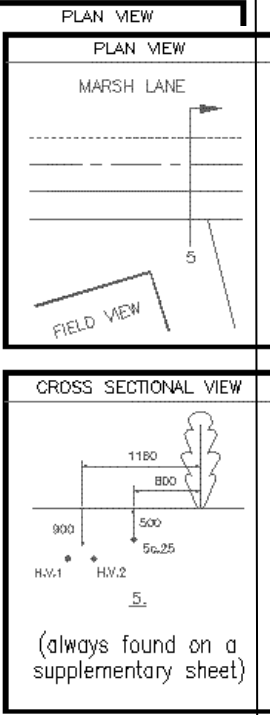

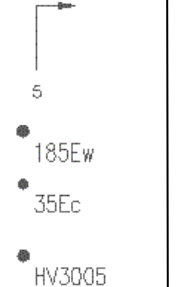
section continued on next page

| EHV, HV and LV sites continued (1:500 view)   |  |   |
|---|--|---|
| NetMAP system   | Scanned image  | Description   |
| No NetMAP equivalent<br><br>CAUTION<br>Missing Information | <br><br>No equivalent | Service turret (with link facility on LV main)<br><br>Missing data in or near this location |
| <br>Contaminated Land<br>refer to SHE 01 016               | Not applicable   | Contaminated land reference   |

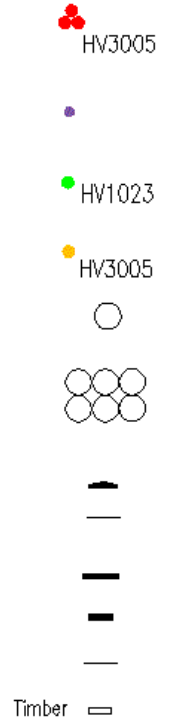
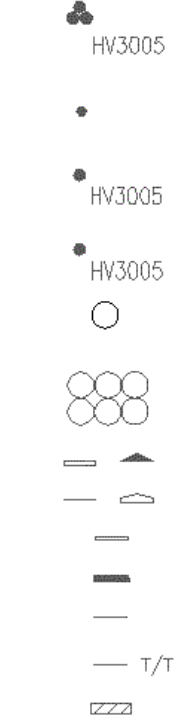
| Mains joints (1:500 view)                |                    |   |
|--|--------------------|---|
| NetMAP system                            | Scanned image      | Description   |
| (voltage indicated by colour/line-style) |                    |   |
|  |                    | Straight joint  |
|  |                    | 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  |
|   |   | <p>Single line representational plan view with NetMAP equivalent (please note the use of separate line for each voltage on the raster/MMS data)</p> <p>Cross sectional view of above</p> <p>Section arrow with old/new numbering system – points in direction section is viewed</p> <p>LV/3 phase service cable</p> <p>Single phase service cable with size annotation</p> <p>HV cable – 3 core with route number annotation</p> |
|  |  |  |

section continued on next page

| Cross sections continued (1:500 view)  |  |  |
|--|--|--|
| NetMAP system  | Scanned image  | Description  |
|  |  | <p>HV cable – modern EPR, Plam and Triplex with route number annotation</p> <p>Pilot cable</p> <p>33kV cable</p> <p>132kV cable</p> <p>Single duct</p> <p>6 way duct formation – irrespective of duct type and material, all are displayed similarly</p> <p>Protective slab</p> <p>Tiles</p> <p>Concrete slabs</p> <p>33kV fibre warning board</p> <p>Steel plate</p> <p>Plastic tile tape</p> <p>Timber</p> |

## Common abbreviations and terminology (all views)

| Abbrev.      | Description  | Abbrev.        | Description  |
|--------------|--|----------------|--|
| 1c           | Single core  | Cut out or C/O | Meter/main fuse position   |
| 1ph          | Single phase   | cx             | Triplex (copper)   |
| 2c           | Two core   | DE             | Direct earth   |
| 3c           | Three core   | DSTA           | Double steel tape armoured   |
| 3ph          | Three phase  | Ea             | Alpex cable  |
| ABC          | Aerial bunched (bundled) conductor (modern LV overhead line)                                 | EFI            | Earth fault passage indicator  |
| ABI          | Air break isolator (no fuses)  | EHV            | Extra high voltage (11,001 Volts and over)   |
| ABSD         | Air break switch disconnecter  | ELCB           | Earth leakage circuit breaker  |
| ACCS         | Aluminium concentric copper sheathed   | ELT            | Earth leakage trip   |
| Al           | Aluminium  | EPR            | Ethylene propylene rubber  |
| AR           | Auto recloser  | Ew             | Waveform cable   |
| ASL          | Automatic sectionalising links   | E/W            | Earthenware duct or earth wire   |
| ax           | Triplex (aluminium)<br>2 x 22mm AL PVC (example) Duplex<br>3 x 22mm AL PVC (example) Triplex | Fdr or Feeder  | LV or HV cable fed by or feeding a substation  |
| CB           | Circuit breaker  | F/G            | Fuse gear  |
| c/c          | Concentric cores   | F/P            | Feeder pillar  |
| ccc          | Compact covered conductor  | GRP            | Fibreglass substation  |
| CCT          | Circuit  | GVR            | Gas vacuum recloser or pole mounted circuit breaker  |
| CNE          | Combined neutral and earth   | HV             | High voltage (1,001 – 11,000 Volts incl)   |
| Cross phased | The core colour may be different to originating transformer phasing                          | HYBRID         | Modern plastic cable with mixed conductor material (Al/Cu)   |
| CS           | Consac   | Insulation     | Electrically protective material surrounding a conductor   |
| CSE          | Cable sheath earth   | Insulator      | Porcelain or glass overhead line support (on poles)  |
| Cu           | Copper   | 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  | Abbrev.      | Description  |
|----------------|--|--------------|--|
| Jumper         | Connecting lead between open points, section points and overhead plant   | PICAS        | Paper insulated corrugated aluminium sheath armoured   |
| kV             | Kilovolt (or 1,000 Volts) – unit of electrical pressure  | PILC         | Paper insulated lead covered                           |
| kW             | Kilowatt (1,000 Watts) – unit of electrical power  | PILSTA       | Paper insulated lead covered steel tape armoured cable |
| kVA            | Kilovolt Amps or power   | PL           | Plain lead or public lighting                          |
| Link box or LB | Means of connecting LV feeders together using links or fuses   | PME          | Protected multiple earth or CNE                        |
| LSF            | Low smoke & fume   | PMT          | Pole mounted transformer                               |
| LV             | Low voltage (up to 1,000 Volts incl)   | PMR          | Pole mounted recloser (generic term for OYT/GVR)       |
| LV Pillar      | Low voltage fuse distribution board  | PT           | Pole transformer                                       |
| Neutral        | Return path of live cable  | PVC          | Polyvinyl chloride                                     |
| O/H or OHL     | Overhead line  | RMU          | Ring main unit   |
| OYS            | Oil filled pole mounted sectionaliser  | RN           | Reduced neutral  |
| OYT            | Oil filled pole mounted recloser   | s/c          | Split concentric or single core                        |
| PC400          | Pole mounted LV fuse unit  | S/L          | Street light   |
| PE             | Pot end or potential end – joint on cable end  | S/S          | Substation   |
| 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 | 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<br>dots mark pole position   |
|                      |               | 11kV overhead line –<br>dots mark pole position |
|                      |               | Dual construction – dots<br>mark pole position  |
|                      |               | LV overhead line – dots<br>mark pole position   |
| No NetMAP equivalent |               | LV underground cable                            |
|                      |               | Pole and stay                                   |
|                      |               | Pole and strut                                  |
|                      |               | Voltage regulator                               |
|                      |               | Static balancer                                 |
|                      |               | Example of<br>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     | O.R. Stay     | Outrigger stay    |
| Ext. Brkt     | Ext. Brkt     | Extension bracket |
| P. Box        | P. Box        | Pole box          |
| N.E.          | N.E.          | Neutral and earth |
| O.R. Brkt     | O.R. Brkt     | Outrigger bracket |






### 1:10000 scale HV network

| NetMAP system | Scanned image | Description   |
|---------------|---------------|---|
|               |               | 132kV overhead line   |
|               |               | 33kV overhead line<br>dots mark pole position                     |
|               |               | 11kV overhead line –<br>dots mark pole position                   |
|               |               | 11kV overhead line –<br>dual circuit –<br>dots mark pole position |
|               |               | 11kV underground cable<br>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 –<br>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   |








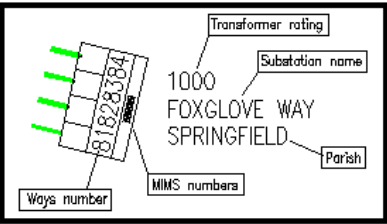
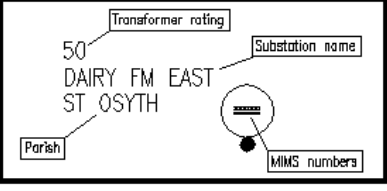



## Underground cables (LV network diagram view)

| 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)

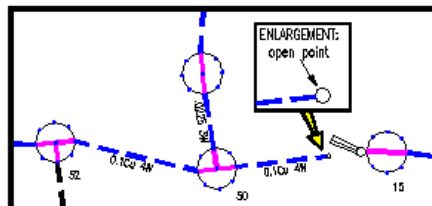
| NetMAP system   | Description  |
|---|--|
| <p>There are many substation combinations – these are merely a sample of configurations that can be found.</p>             | <p>2 way substation</p> <p>4 way substation</p> <p>4 way twin busbar substation</p> <p>10 way back to back substation</p> <p>Pole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



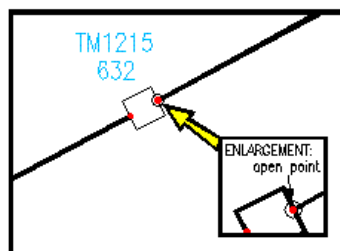
5 way link box



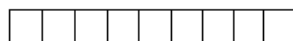
6 way link box



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**



# 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](mailto: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](http://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](http://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

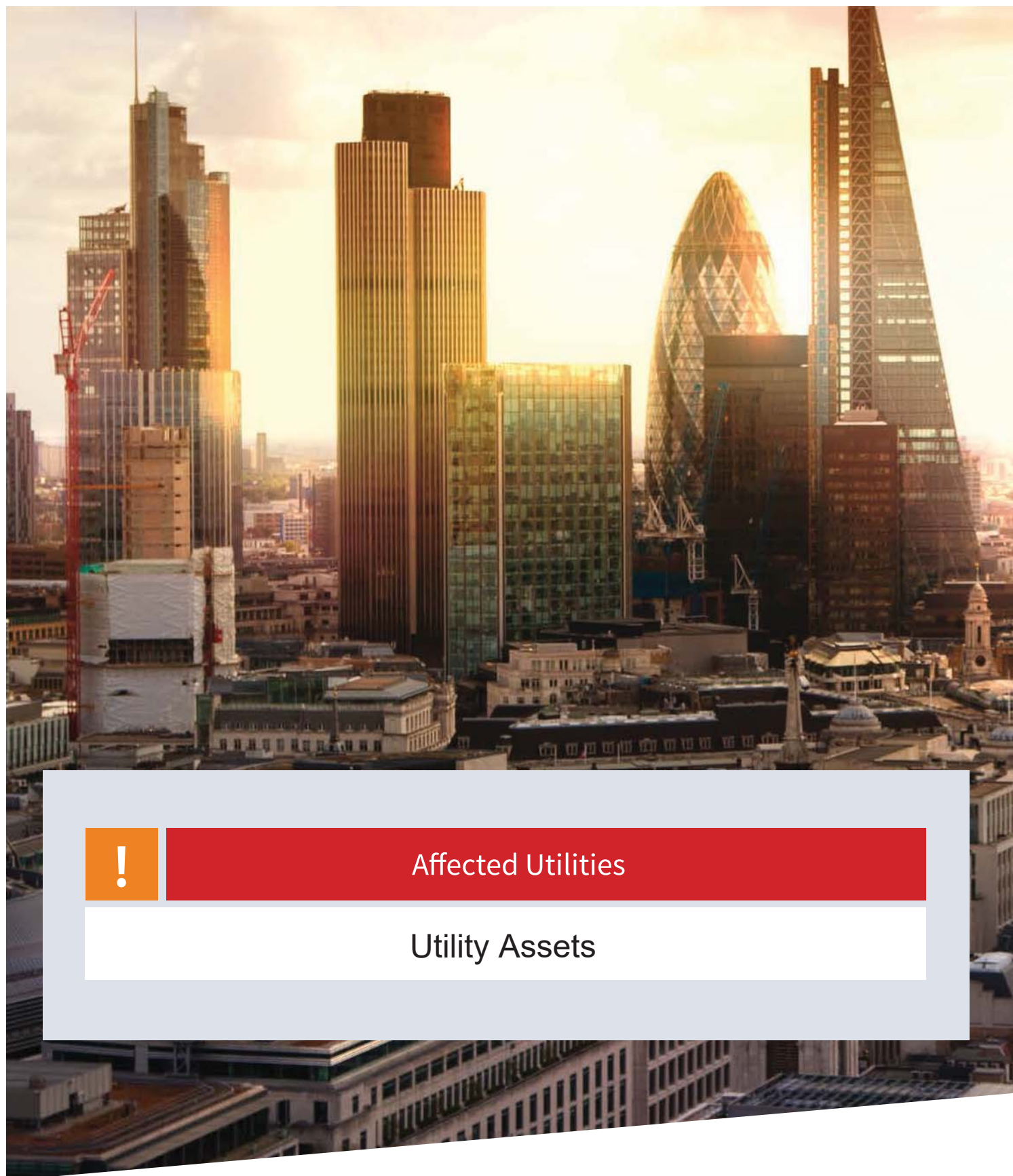
Call the network operator

0800 587 3243

[www.ukpowernetworks.co.uk](http://www.ukpowernetworks.co.uk)

If you are unsure of your network operator then please  
visit [www.energynetworks.org](http://www.energynetworks.org)

# Utilities Report



Affected Utilities

Utility Assets

## ADVISORY NOTICE

### SUPPLIER UPDATE: Utility Assets

On 03/06/2020, 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](mailto: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 queries, 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



## 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.

**From:** Plantenquiries <plantenquiries@catelecomuk.com>  
**Sent:** 12 June 2020 17:16  
**To:** Utility Solutions GDC Requests  
**Subject:** RE: Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

**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](mailto: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@atkinglobal.com <requests.utilitysolutions@atkinglobal.com>  
**Sent:** 03 June 2020 06:43



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

**From:** plantenquiry@gtc-uk.co.uk  
**Sent:** 03 June 2020 11:05  
**To:** Utility Solutions GDC Requests  
**Subject:** GTC Plant Enquiry - Ref- 1370173  
**Attachments:** 1370173.png

## **GTC Apparatus Not Found In Search Area**

**Our Plant Enquiry Service Ref: 1370173**  
**Your Enquiry Ref: LM 85888/SSM**

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  
VAT Number: GB688 8971 40. Registered No: 029431.







**From:** Plantenquiries <Plantenquiries@instalcom.co.uk>  
**Sent:** 09 June 2020 15:29  
**To:** Utility Solutions GDC Requests  
**Subject:** E06-20-2042 RE: Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

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](mailto:plantenquiries@instalcom.co.uk)  
Web: <http://www.instalcom.co.uk>



**From:** requests.utilitysolutions@atkinglobal.com  
[mailto:requests.utilitysolutions@atkinglobal.com]  
**Sent:** 03 June 2020 06:43  
**Cc:** requests.utilitysolutions@atkinglobal.com  
**Subject:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

**From:** Plant Enquiries <plantenquiries@lastmile-uk.com>  
**Sent:** 03 June 2020 13:15  
**To:** Utility Solutions GDC Requests  
**Subject:** RE: Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

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](mailto:plantenquiries@lastmile-uk.com)

Regards

---

**From:** requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>  
**Sent:** 03 June 2020 06:43  
**Cc:** requests.utilitysolutions@atkinsglobal.com  
**Subject:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Our Reference: 85888  
Site Name: Site off Antoneys Close, Pinner  
Works Description: Development Appraisal  
Site Grid References: 511690 190181,511717 190170,511663 190190,511694 190209,511686 190152

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 22/06/2020.** 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:** 03 June 2020 19:15  
**To:** Utility Solutions Searches  
**Subject:** NRSWA Request Response - Your Reference 85888

Our Ref: **T2ERGOZ4**  
Your Ref: **85888**  
Date: 03 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 **03/06/20** relating to the following enquiry:

**Site Name: Site off Antoneys Close, Pinner**  
**Site Grid References: 511690,190181**

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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**From:** Fuller Dain <Dain.Fuller@networkrail.co.uk> on behalf of OP Buried Services Enquiries <OPBuriedServicesEnquiries@networkrail.co.uk>  
**Sent:** 03 June 2020 17:38  
**To:** Utility Solutions GDC Requests  
**Subject:** RE: Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

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](mailto: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](http://www.networkrail.co.uk)

**From:** requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>

**Sent:** 03 June 2020 06:43

**Cc:** requests.utilitysolutions@atkinsglobal.com

**Subject:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Our Reference: 85888

Site Name: Site off Antoneys Close, Pinner

Works Description: Development Appraisal

Site Grid References: 511690 190181,511717 190170,511663 190190,511694 190209,511686 190152

**From:** NRSWA <nrswa.nrswa@sky.uk>  
**Sent:** 05 June 2020 19:17  
**To:** Utility Solutions GDC Requests  
**Subject:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - 22/06/2020



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](mailto:nrswa@sky.uk).

Regards

NRSWA Department  
Tech UK - Implementation  
**sky | TECHNOLOGY**  
✉ [nrswa@sky.uk](mailto:nrswa@sky.uk) ☎ +44 20703232234

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**From:** requests.utilitysolutions@atkinsglobal.com <requests.utilitysolutions@atkinsglobal.com>  
**Sent:** 03 June 2020 06:43  
**Cc:** requests.utilitysolutions@atkinsglobal.com  
**Subject:** [EXTERNAL] Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Our Reference: 85888  
Site Name: Site off Antoneys Close, Pinner  
Works Description: Development Appraisal  
Site Grid References: 511690 190181,511717 190170,511663 190190,511694 190209,511686 190152

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

**our ref: Ref: 85888**

**Our Ref: AD/NRS46197WA/ENQ/TFL: 56996**

9<sup>th</sup> June 2020

Dear Sir/Madam

**Plant Enquiry:** Site off Antoneys Close, Pinner

Thank you for your email dated 3<sup>rd</sup> 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](mailto:plantenquiries@tfl.gov.uk)

**From:** UK OSP-Team <osp-team@uk.verizon.com>  
**Sent:** 03 June 2020 12:38  
**To:** Utility Solutions GDC Requests  
**Cc:** UK OSP-Team  
**Subject:** RE: [E] Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

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@atkingglobal.com [mailto:requests.utilitysolutions@atkingglobal.com]  
**Sent:** 03 June 2020 06:43  
**Cc:** requests.utilitysolutions@atkingglobal.com  
**Subject:** [E] Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Our Reference: 85888  
Site Name: Site off Antoneys Close, Pinner  
Works Description: Development Appraisal  
Site Grid References: 511690 190181,511717 190170,511663 190190,511694 190209,511686 190152

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.





As of 03/06/2020, Virgin Media are deemed to be not affected by your site.

An additional response from Virgin Media in relation to your area of interest is available on request from Landmark Customer Services with prices starting from £43 + VAT.

No liability of any kind whatsoever is accepted by Landmark Information Group, its servants or agents, for any error or omission in respect of information contained in this report. The underground services must be verified and established on site before any excavation is carried out.

**From:** Harshita K S  
**Sent:** 10 June 2020 11:12  
**To:** Utility Solutions GDC Requests  
**Subject:** RE: Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

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](mailto:osm.enquiries@atkinsglobal.com)

**ATKINS** working on behalf of Vodafone: Fixed



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.

**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:**

Diversification 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](mailto: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:** 03 June 2020 11:13  
**Cc:** Utility Solutions GDC Requests <requests.utilitysolutions@atkinsglobal.com>  
**Subject:** Plant Enquiry - 85888 - Site off Antoneys Close, Pinner - Please respond by 22/06/2020

Our Reference: 85888  
Site Name: Site off Antoneys Close, Pinner  
Works Description: Development Appraisal  
Site Grid References: 511690 190181,511717 190170,511663 190190,511694 190209,511686 190152

## 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](mailto: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](http://www.tpos.co.uk)  
Email: [admin@tpos.co.uk](mailto:admin@tpos.co.uk)

## 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](mailto: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](mailto:admin@tpos.co.uk)

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