

This report is issued for the site described as:

Site at Brick Lane, Mepal, Ely

Report Reference:

National Grid Reference:

Customer Reference:

28 November 2018

CONTACT DETAILS

0844 844 9966

helpdesk@landmark.co.uk







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.



Landmark Utilities Report Service PAS 128 Statement

Prepared for: Landmark Information Group Ltd

Practitioner: Atkins Order Number: 70662

Site Name: Site at Brick Lane, Mepal, Ely Date of Order: 02 November 2018 Date of Issue: 28 November 2018

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.



Checked by BRK



Overview of Site

Please ensure that the search data covers the COMPLETE AREA within the boundary lines on this map. (marked by: ---)

Landmark will not be held responsible for any incident or accident arising from the use of the information associated with this particularUtility Search Report. The details provided are given in good faith,but no liability whatsoever can be accepted in respect thereof.

REFERENCE: 70662

SITE: Site at Brick Lane, Mepal, Ely

POST CODES:

1) CB6 2AH; 2) CB6 2YR; 3) CB6 2BT;

SITE SIZE: 7.42 ha

MAP SCALE: 1:2500

COORDINATES:

1) E: 544146, N: 280503; 2) E: 544291, N: 280536; 3) E: 544225, N: 280669; 4) E: 543986, N: 280489; 5) E: 544122, N: 280335;

Request Status Report

A

LM / 70662

Site at Brick Lane, Mepal, Ely

CB6 2AH

OSGR: 544150,280500

Date Requested: 02 November 2018

Client Reference:

184909716_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
Anglian Water	Water, Sewerage	28 November 2018		
Cadent Gas Ltd	Gas	28 November 2018		
Cambridgeshire County Council	Council	28 November 2018		See response. Council website used.
Environment Agency	Environmental Agency	28 November 2018		See response.
GTC	Telecom, Gas, Electric, Water	28 November 2018		
LinesearchbeforeUdig	Other	28 November 2018		UK Power Networks - identified as affected. See separate response.
Openreach - [British Telecommunications]	Telecom	28 November 2018		
UK Power Networks	Electric	28 November 2018		
Utility Assets	Electric	28 November 2018		See response.

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	28 November 2018		
CityFibre	Telecom	28 November 2018		Website used.
Energetics	Gas, Electric	28 November 2018		
GTT - Vtesse	Telecom	28 November 2018		
Instalcom - [CenturyLink, Global Crossing, Fibernet & Fiberspan]	Telecom	28 November 2018		
Network Rail	Rail	28 November 2018		
Plancast - [Interoute]	Telecom	28 November 2018		
SKY Telecommunications Services	Telecom	28 November 2018		
SSE	Telecom, Gas, Electric, Water, Sewerage, Steam	28 November 2018		Website used.
Trafficmaster	Highways	28 November 2018		Website used.
Verizon	Telecom	28 November 2018		
Virgin Media	Telecom	28 November 2018		
Vodafone	Telecom	28 November 2018		

LM / 70662

Checked and Validated By AF

Date 28 November 2018



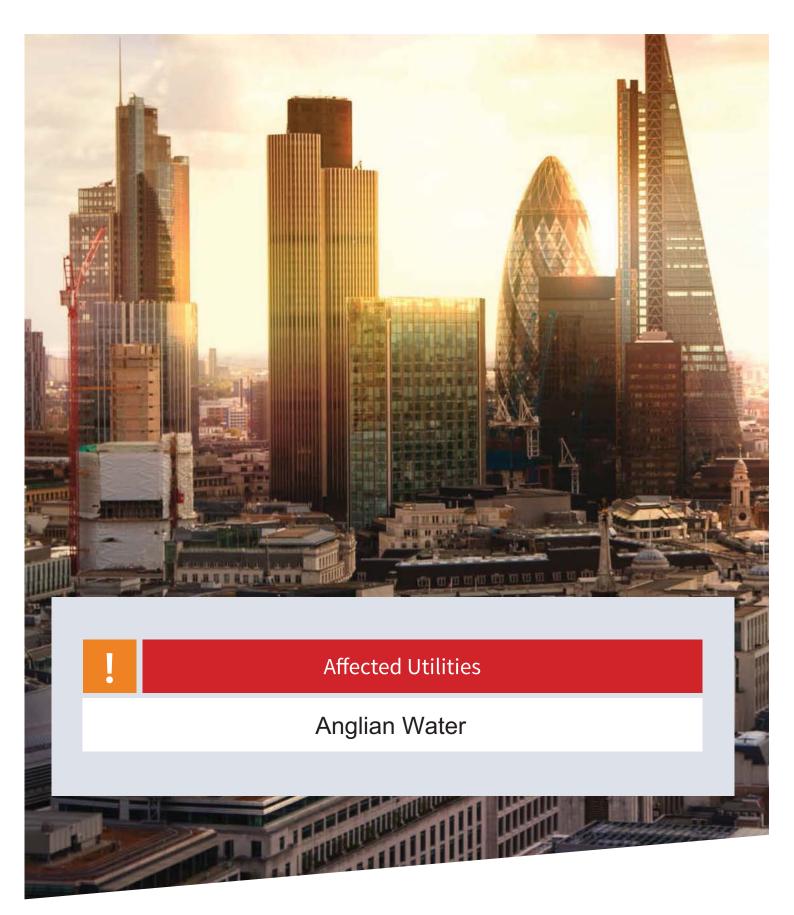
Definition of Terms

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.

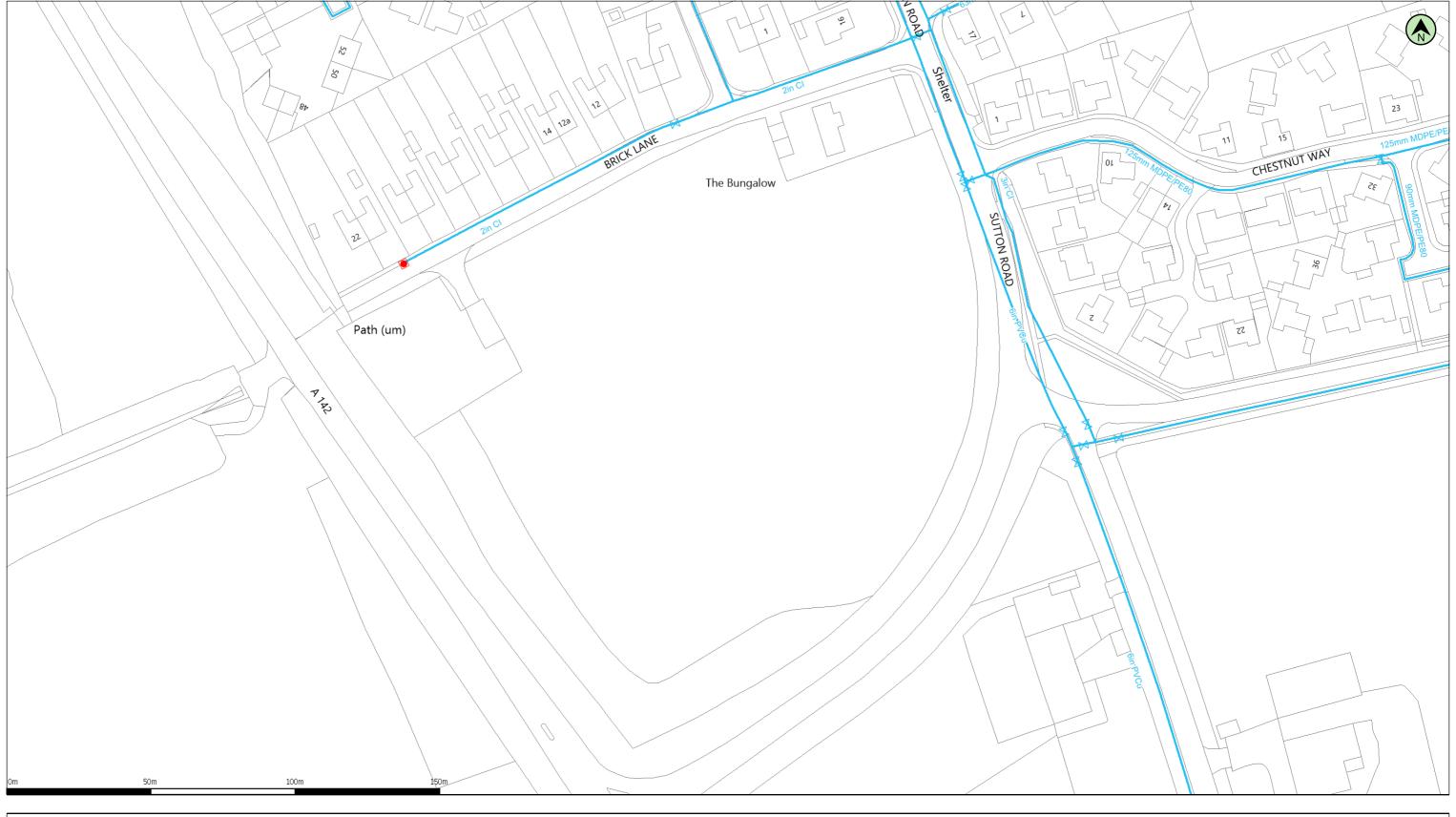
No Response Received - At the date of sending the report no response has been received from the utility supplier.

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.

Date Printed: 28 November 2018







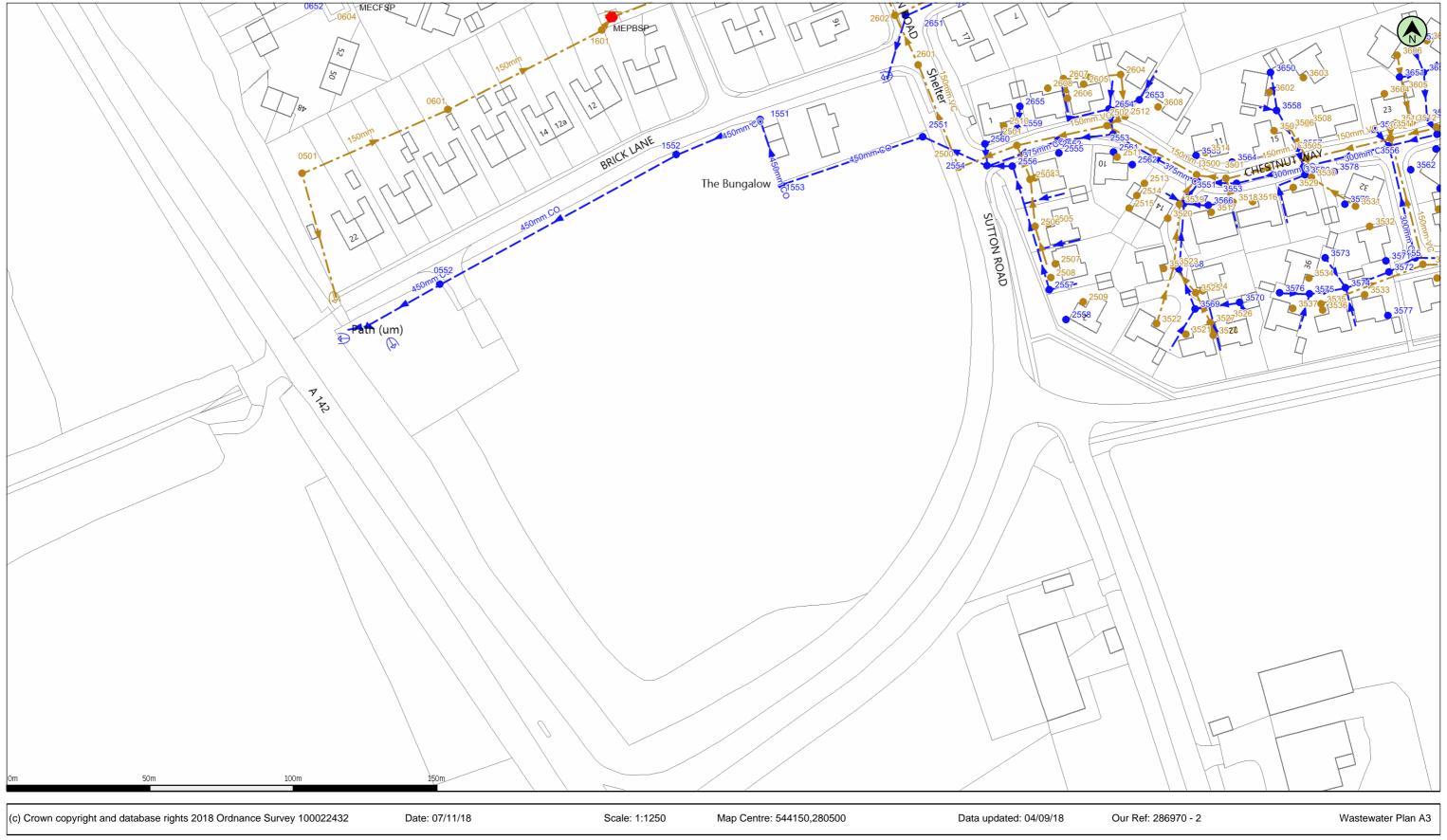
Our Ref: 286970 - 1 (c) Crown copyright and database rights 2018 Ordnance Survey 100022432 Date: 07/11/18 Scale: 1:1250 Map Centre: 544150,280500 Data updated: 04/09/18 Clean Water Plan A3 This plan is provided by Anglian Water pursuant its obligations under the Water Industry Act 1991 sections 198 or 199. It must be used in conjunction with any search results attached. The information on this plan is based on data currently recorded but position must be regarded as approximate. Service pipes, private sewers and drains are generally not shown. Users of this map are strongly advised to commission their own survey of the area shown on the plan before carrying out any works. The actual position of all apparatus MUST be established by trial holes. No liability whatsoever, including liability for stat.payments@atkinsglobal.com 70662 Potable Water Fitting negligence, is accepted by Anglian Water for any error or inaccuracy or omission, including the failure to accurately record, or record at all, the location of Raw Water

any water main, discharge pipe, sewer or disposal main or any item of apparatus. This information is valid for the date printed. This plan is produced by Anglian Water Services Limited (c) Crown copyright and database rights 2018 Ordnance Survey 100022432. This map is to be used for the purposes of viewing the location of Anglian Water plant only. Any other uses of the map data or further copies is not permitted. This notice is not intended to exclude or restrict liability for death or personal injury resulting from negligence.

Hydrant **Decommissioned Water**

CHECKED





This plan is provided by Anglian Water pursuant its obligations under the Water Industry Act 1991 sections 198 or 199. It must be used in conjunction with any search results attached. The information on this plan is based on data currently recorded but position must be regarded as approximate. Service pipes, private sewers and drains are generally not shown. Users of this map are strongly advised to commission their own survey of the area shown on the plan before carrying out any works. The actual position of all apparatus MUST be established by trial holes. No liability whatsoever, including liability for negligence, is accepted by Anglian Water for any error or inaccuracy or omission, including the failure to accurately record, or record at all, the location of any water main, discharge pipe, sewer or disposal main or any item of apparatus. This information is valid for the date printed. This plan is produced by Anglian Water Services Limited (c) Crown copyright and database rights 2018 Ordnance Survey 100022432. This map is to be used for the purposes of viewing the location of Anglian Water plant only. Any other uses of the map data or further copies is not permitted. This notice is not intended to exclude or restrict liability for death or personal injury resulting from negligence.

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1	Foul Sewer Surface Sewer			_	
l	Combined Sewer		Outfall*	e	Sewage Treatment Works
l	Final Effluent		Inlet*	€	Public Pumping Station
l	Rising Main*	7.2.2.2			_
l	Private Sewer*		Manhole*	•	Decommissioned Pumping Station
	Decommissioned Sewer*	$\frac{A}{A}$			*(Colour denotes effluent type

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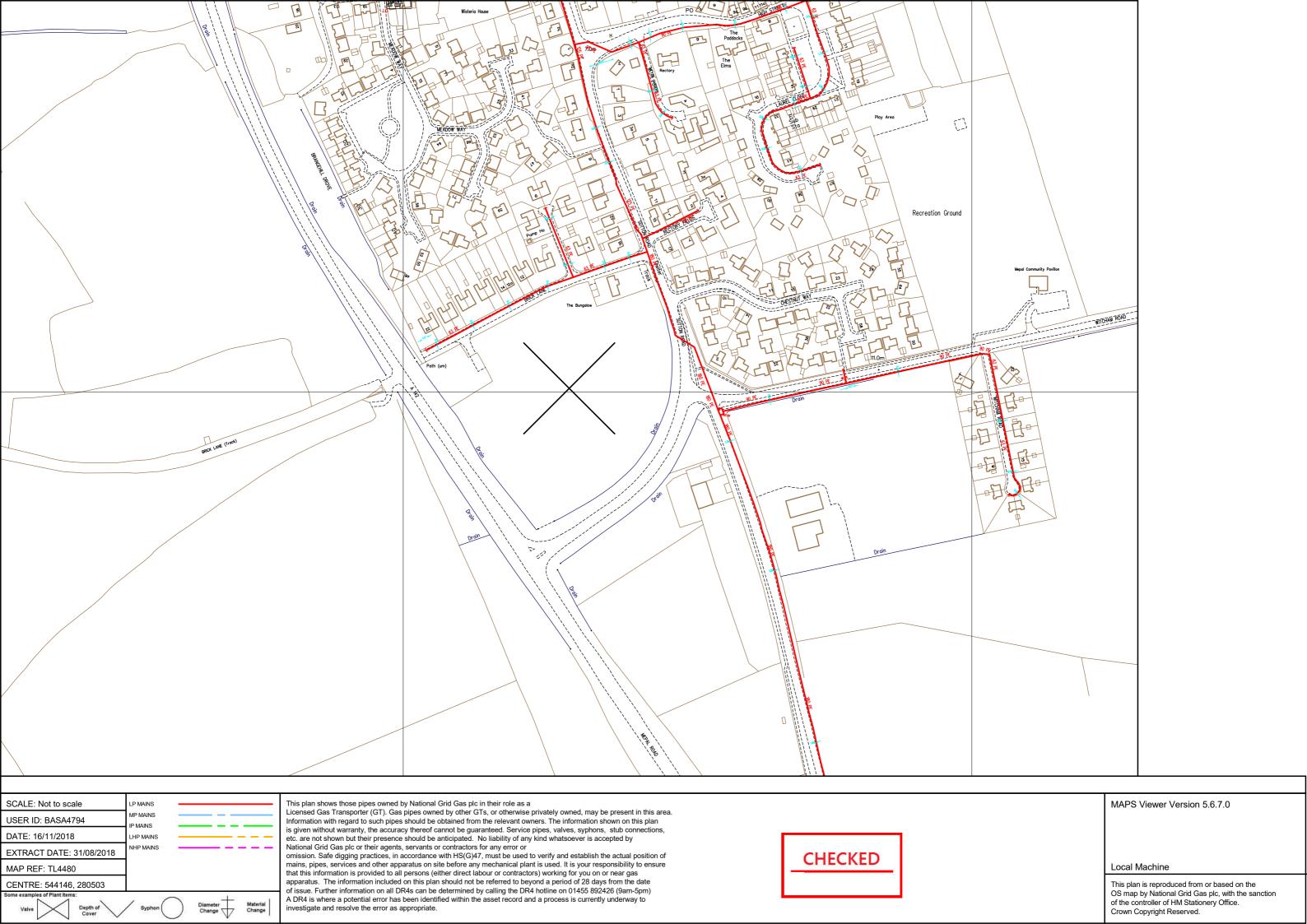
Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert
0501	F	5.458	4.858	0.6
0601	F	5.715	4.655	1.06
1601	F	-	-	-
2500	F	8.34	6.19	2.15
2501	F	8.23	6.33	1.9
2502	F	7.8	6.56	1.24
2503	F	-	-	-
2504	F	-	-	-
2505	F	-	-	-
2506	F	-	-	-
2507	F	-	-	-
2508	F	-	-	-
2509	F	-	-	-
2510	F	-	-	-
2511	F	-	-	-
2512	F	-	-	-
2513	F	-	-	-
2514	F	-	-	-
2515	F	-	-	-
2601	F	8.068	5.938	2.13
2602	F	8.031	5.781	2.25
2604	F	-	-	-
2605	F	-	-	-
2606	F	-	-	-
2607	F	-	-	-
2608	F	-	-	-
3500	F	8.12	6.82	1.3
3501	F	8.25	6.93	1.32
3502	F	8.74	7.35	1.39
3503	F	9.48	7.88	1.6
3504	F	8.84	7.46	1.38
3505	F	8.52		
	F		7.11	1.41
3506		-	-	-
3507	F	-	-	-
3508	F	-	-	-
3509	F	-	-	-
3510	F	-	-	-
3511	F	-	-	-
3512	F	-	-	-
3513	F	-	-	-
3514	F	-	-	-
3515	F	-	-	-
3516	F	-	-	-
3517	F	-	-	-
3518	F	-	-	-
3519	F	-	-	-
3520	F	-	-	-
3521	F	-	-	-

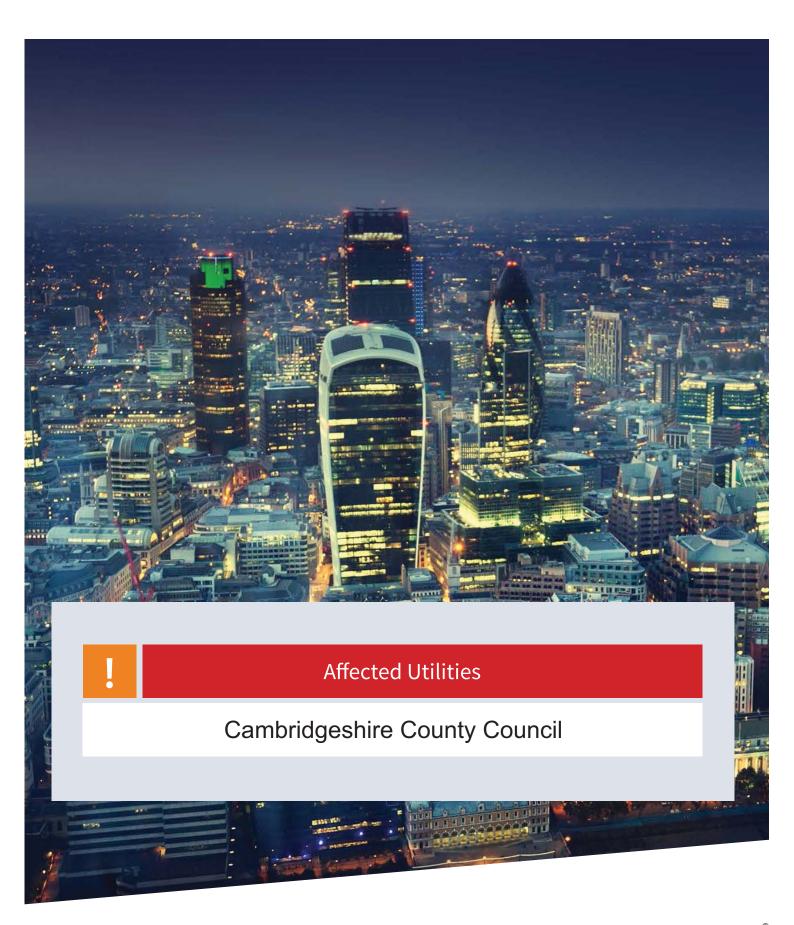
Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert
3522	F	-	-	-
3523	F	-	-	-
3524	F	-	-	-
3525	F	-	-	-
3526	F	-	-	-
3527	F	-	-	-
3528	F	-	-	-
3529	F	-	-	-
3530	F	-	-	-
3531	F	-	-	-
3532	F	-	-	-
3533	F	-	-	-
3534	F	-	-	-
3535	F	-	-	-
3536	F	-	-	-
3537	F	-	-	-
3602	F	-	-	-
3603	F	-	-	-
3604	F	-	-	-
3605	F	-	-	-
3606	F	-	-	-
3607	F	-	-	-
3608	F	-	-	-
0552	S	5.9	4.93	0.97
1551	S	6.915	5.245	1.67
1552	S	6.595	5.165	1.43
1553	S	6.97	5.27	1.7
2551	S	7.71	5.4	2.31
2552	S	7.9	5.86	2.04
2553	S	7.85	6.04	1.81
2554	S	8.535	5.665	2.87
2555	S	-	-	-
2556	S	-	-	-
2557	S	-	-	-
2558	S	-	-	-
2559	S	-	-	-
2560	S	-	-	-
2561	S	-	-	-
2562	S	-	-	-
2651	S	7.99	6.605	1.385
2653	S	-	-	-
2654	S	-	-	-
2655	S	-	-	-
3551	S	8.145	6.36	1.785
3552	S	8.465	6.695	1.77
3553	S	8.295	6.485	1.81
3554	S	8.87	7.16	1.71
3555	S	9.41	7.59	1.82

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert
3556	S	8.73	6.95	1.78
3557	S	-	-	-
3558	S	-	-	-
3559	S	-	-	-
3560	S	-	-	-
3561	S	-	-	-
3562	S	-	-	-
3563	S	-	-	-
3564	S	-	-	-
3565	S	-	-	-
3566	S	-	-	-
3567	S	-	-	-
3568	S	-	-	-
3569	S	-	-	-
3570	S	-	-	-
3571	S	-	-	-
3572	S	-	-	-
3573	S	-	-	-
3574	S	-	-	-
3575	S	-	-	-
3576	S	-	-	-
3577	S	-	-	-
3578	S	_	-	-
3579	S	_	-	-
3580	S	_	-	-
3650	S	-	-	-
3651	S	_	-	-
3652	S	_	-	-
3653	S	-	-	-















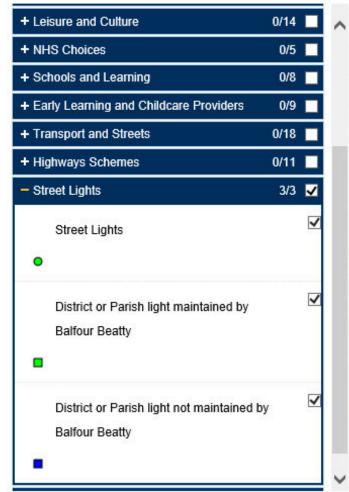
Menu ≡

Home > My Cambridgeshire

My Cambridgeshire

My House My Nearest My Maps

© Current address 1 Brick Lane, Mepal, CB6 2AH Change Remove





From: Joyce Pam <Pam.Joyce@cambridgeshire.gov.uk>

Sent: 06 November 2018 17:49

To: Highways Asset Management; Searches

Cc: Utility Solutions GDC Requests

Subject: FW: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

Attachments: Site Details.pdf

Hi All

Please see request for details of our equipment in the mapped area – as far as I know we only have routine drainage system of pipes and gullies within the marked area but if you know of anything else Atkins need to be aware of please advise direct.

Thanks

Pam

Mrs Pam Joyce Local Highway Officer

Direct Line: 01354 750051 Mobile: 07824 569 553

From: Street Works

Sent: 06 November 2018 12:07

To: Hitch Alan <Alan.Hitch@cambridgeshire.gov.uk>; Joyce Pam

<Pam.Joyce@cambridgeshire.gov.uk>; Signals <signals@cambridgeshire.gov.uk>

Cc: 'requests.utilitysolutions@atkinsglobal.com' <requests.utilitysolutions@atkinsglobal.com> **Subject:** FW: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond by 22/11/2018

Ηi

Please see email below and advise Utility Solutions directly.

Please note: all our up to date forms are on our website, please see link below <a href="https://www.cambridgeshire.gov.uk/residents/travel-roads-and-parking/roads-and-parkin

Regards

Sharon Cannon Street Works Officer

Highways Service Cambridgeshire County Council

Tel 01480 372444

From: Signals < signals@cambridgeshire.gov.uk>

Sent: 06 November 2018 18:38 **To:** Utility Solutions GDC Requests

Subject: FW: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

Attachments: Site Details.pdf

Hi,

There are no traffic signals in this area.

Kind Regards,

Clare Andrew

Engineer Signals and Systems Team

Highways Service – P&E Cambridgeshire County Council T: 01223 715911

Working Hours: Mon-Thu 7:30am-2pm

From: Street Works

Sent: 06 November 2018 12:07

To: Hitch Alan <Alan.Hitch@cambridgeshire.gov.uk>; Joyce Pam

<Pam.Joyce@cambridgeshire.gov.uk>; Signals <signals@cambridgeshire.gov.uk>

Cc: 'requests.utilitysolutions@atkinsglobal.com' <requests.utilitysolutions@atkinsglobal.com> **Subject:** FW: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond by 22/11/2018

Hi

Please see email below and advise Utility Solutions directly.

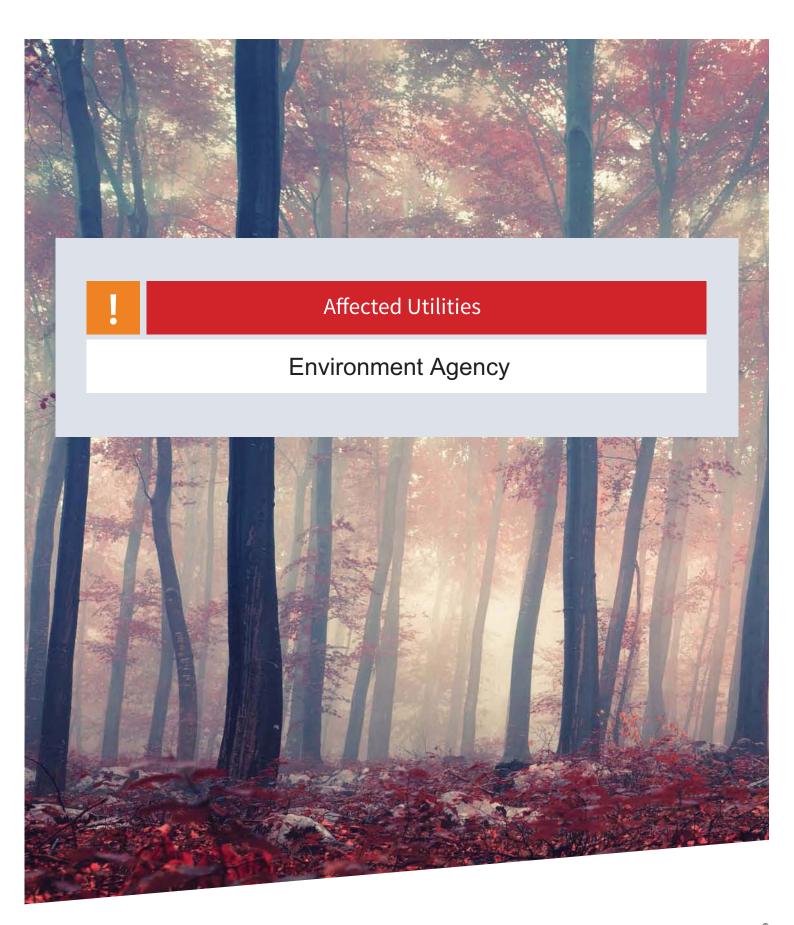
Please note: all our up to date forms are on our website, please see link below https://www.cambridgeshire.gov.uk/residents/travel-roads-and-parking/roads-and-parking/roads-and-permits/

Regards

Sharon Cannon Street Works Officer

Highways Service Cambridgeshire County Council

Tel 01480 372444



From: Enquiries, Unit <enquiries@environment-agency.gov.uk>

Sent: 07 November 2018 16:49 **To:** Utility Solutions GDC Requests

Subject: RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

Dear Customer,

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

Paul Norris

Environment Agency - Incident Communication Service Part of National Operations

* Mail To: incident communication service@environment-agency.gov.uk

(Incident Hotline: 0800 807060

7 Fax: 0800 5876032

: Web Site: www.gov.uk/environment-agency

Environment Agency, Quadrant 2, 99 Parkway Ave, Parkway Business Park, Sheffield, S9 4WG

Click an icon to keep in touch with us:-



From: Utility Solutions GDC Requests [mailto:requests.utilitysolutions@atkinsglobal.com]

Sent: 06 November 2018 12:03

To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; Enquiries, Unit <enquiries@environment-agency.gov.uk>; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; assetrecords@utilityassets.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk; osp-team@uk.verizon.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>

Subject: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond by 22/11/2018

Our Reference: 70662

Site Name: Site at Brick Lane, Mepal, Ely Works Description: Development Appraisal

Site Grid References: 544152 280502,544241 280538,544036 280486,544217 280619,544122

280385

To whom it may concern,

89_07_SD02, Version 6

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



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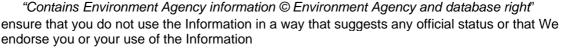


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No warranty

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Governing Law

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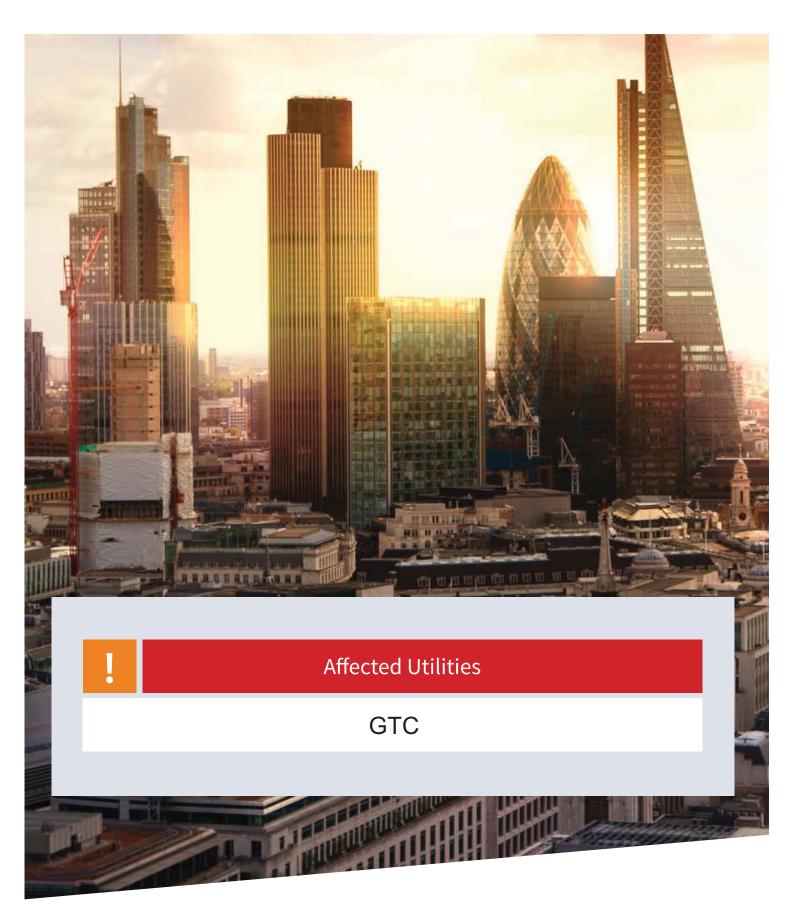
Definitions

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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.

Contact: enquiries@environment-agency.gov.uk 03708 506506







From: plantenquiryservice@gtc-uk.co.uk

Sent:06 November 2018 17:25To:Utility Solutions GDC RequestsSubject:GTC Plant Enquiry - Ref- 826687

Attachments: 826687.png; GU-DPR-IG-0022 Safe working in the vicinity of utility

networks.pdf

Follow Up Flag: Follow up Flag Status: Flagged

Warning: GTC Apparatus Exists in This Area

Our Plant Enquiry Service Ref: 826687 Your Enquiry Ref: LM 70662/SuC

Dear Chrissy,

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work. For your records, the search area is shown in the attached map.

Please click on the links below to download copies of the relevant utility asset drawings locating our assets in the area which you identified. These drawings are grouped by our relevant network reference, should you need to contact us regarding any of our networks please quote this reference. Links to files will remain live for 10 days. If you do not download these files within this period you will need to submit a new enquiry – this will ensure you have an up-to-date copy of our asset records.

PLEASE NOTE: Where drawings are large, these have been provided in smaller segments. A drawing index is provided as the first file listed for each network reference (example of a network reference: N1234567) shown below. This is intended to help you find the drawing relevant to you more quickly. Please take care to ensure that you use the relevant drawings for every network listed below as we may have multiple networks and multiple utilities in this area.

N0007179

Gas

N0007179-1 1 of 1.png

This information is for guidance only and the precise position of the plant must be established, prior to your works, using hand-digging methods only. The contractor will be held responsible for any damage caused to our asset. 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

- Independent Fibre Networks Limited
- Independent Community Heating Limited

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

All works in the vicinity of our networks should be undertaken in accordance with the attached document "GU-DPR-IG-0022: Safe working in the vicinity of utility networks". Reference should also be made to HSG47 Avoiding Danger from Underground Services.

Important: The area of your proposed works may contain gas mains operating at Medium and Intermediate Pressure tiers or electric cables operating at High Voltage – please refer to the network drawings included with this email. If your proposed works are likely to involve excavation within 10 metres of any of these assets, including but not limited to gas governors and electric substations you MUST inform GTC Plant Enquiries by calling 01359 240363 and quoting your Plant Enquiries Service Reference number.

Important: Drawings provided by this service may include utility assets not owned or managed by GTC. Conversely our drawings will NOT display assets from all third parties. It is your responsibility to ensure you have requested information from all utility asset owners.

<u>Gas</u> Escape or Damage MUST be reported on 0800 111 999. National Grid / DNGT will attend to make safe and repair.

<u>Electricity</u> Network Damage MUST be reported to ENC on 0800 032 6990.

<u>Water</u> Network Damage MUST be reported to IWNL on 02920 028 711

<u>Fibre</u> Network Damage MUST be reported to IFNL on 0845 051 1669

Thank you for using the GTC Plant Enquiries Service.

Your sincerely,

GTC Plant Enquiry Service

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

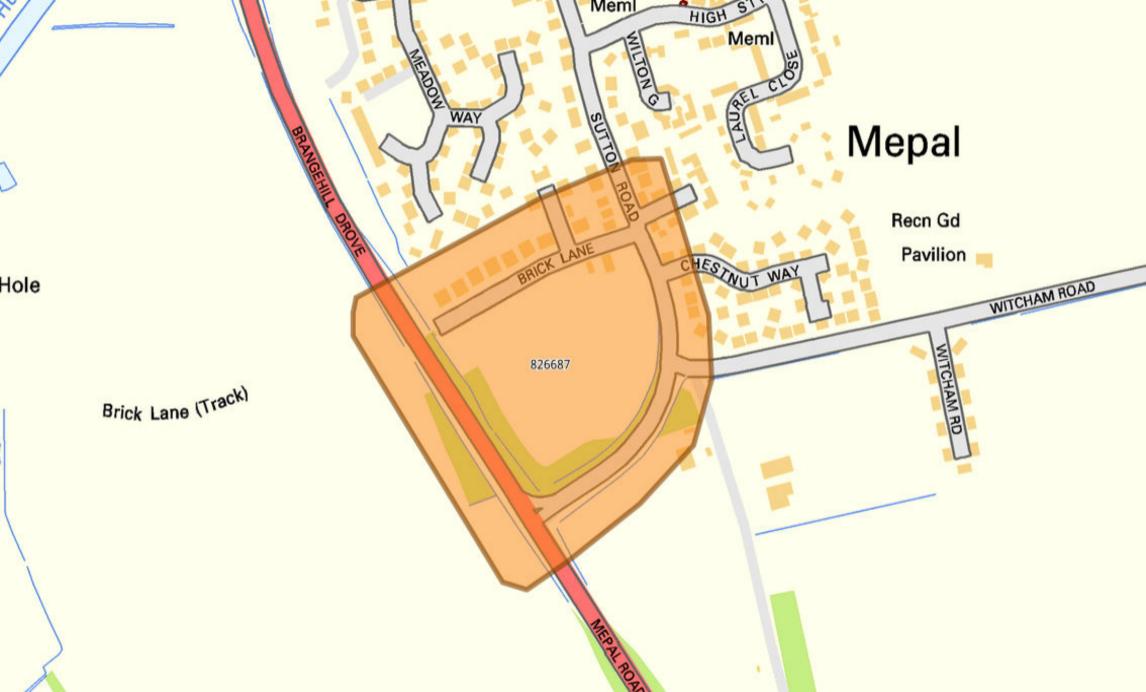
NOTE:

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

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

DISCLAIMER

The information in this E-Mail and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies held on your system and notify the sender immediately. You should not retain, copy or use this E-Mail for any purpose, nor disclose all or any part of its content to any other person. Whilst we run antivirus software on Internet E-Mails, we are not liable for any loss or damage. The recipient is advised to run their own up to date







SAFE WORKING IN THE VICINITY OF UTILITY NETWORKS

(Refer to the HSE Guidance Document HSG47)

General

- It is imperative that all works are carried out in accordance with the guidance provided by the HSE in their document HSG47 "Avoiding Danger from Underground Services", ISBN 0-7176-1744-0. No party should carry out any excavation works or other intrusive works such as piling, blasting or demolition without following the guidance in HSG47.
- 2. We own gas, electricity, water and fibre apparatus located in the highway, private property and through the countryside. Some plant may be located in land for which a wayleave or easement has been granted & there may be no surface evidence of the presence of apparatus.
- 3. Ensure that you have obtained detailed plans of existing and proposed gas, electricity water and fibre networks.
- 4. The position of the networks should be pinpointed as accurately as possible by reference to the plans and by means of a locating device, which has been tested and calibrated within the last twelve months.
 - Excavation work should be carried out where applicable, and carefully follow recognised safe digging practices. Once a locating device has been used to determine position and route, excavation may proceed; trial holes should be dug using suitable hand tools to confirm the position of buried networks. During excavation the locating device should be reused to check position and route of buried apparatus.
- 5. Hand-held power tools can damage buried apparatus and should be used with care until the exact position has been determined. They may only be used to break a paved or concrete surface above the network, unless there are any indications that the network is particularly shallow, in such circumstances, accuracy of plant location is determined and excavation initiated adjacent to the apparatus.
- 6. No manhole, chamber or other structure should be built over, around or under the network. Such structures, other pipes, ducts and cables should be laid to provide a minimum clearance from the network of 300mm or 1.5 times the diameter of the network, whichever is the greater. No work should be carried out if this minimum clearance cannot be met or which results in a reduction of cover or protection over the network, without first consulting GTC.
- 7. Where an excavation uncovers a network apparatus the backfill should be adequately compacted, particularly beneath the network, to prevent any settlement, which would subsequently damage the network. Backfill material adjacent to the network should be selected fine material or sand, containing no stones, bricks or lumps of concrete etc. and should be suitably compacted to give comparable support and protection to that provided before excavation. No power compaction should take place until 200mm cover of selected fine fill has been suitably compacted by hand tools.



- 8. If the road construction is close to the top of the network, GTC should be asked about necessary precautions. The road construction depth should not be reduced without permission from the local Highway Authority.
- 9. Costs incurred by GTC through direct or consequential damage will be recharged.

Precautions for Gas Networks

- 10. Plans do not always show the presence of gas service pipes (from the gas main to premises) but their existence should be assumed.
- 11. The depth of cover for gas mains is normally 750mm in carriageways and grass verges and 600mm in footways. The depth of cover for gas services is normally 450mm. Remember these covers are to finished level, you may be working in an area, which will be made up or lowered at a later date.
- 12. Plastic gas pipes should be located by hand digging before mechanical excavation begins. When the positions and depth of the pipes have been determined, work can proceed.
- 13. The danger created by damaging a gas pipe with an excavator is much greater than if the damage is done with a hand-held power tool (the opposite is true for work near electricity cables and this is reflected in the different safe digging practices). Gas pipes may have projections such as valve housings, which are not shown on the plans and to allow for this mechanical excavators should not be used within 500mm of a gas pipe.
- 14. If a gas leak is suspected, the following action should be taken immediately:
 - Remove all people from the immediate vicinity of the escape. If the service connection to a building or the adjacent main has been damaged, warn the occupants to leave the building, and any adjoining building, until it is safe for them to return. It is important to note that a mechanical excavator may not only cause damage/leakage at the point of impact. For example, damage to a service connection outside the building may result in further, unseen damage to the connection inside the building. Gas leaking from the damage inside or gas travelling along the line of the service connection pipe from outside the building may cause a build-up of gas within the building.
 - Prohibit smoking, and extinguish all naked flames and other sources of ignition i.e. stop excavator and compressor engines within at least 5.0m of the leak.
 - Inform National Grid by dialling 0800 111 999
 - Remain on site.
 - Assist National Grid staff, Police or Fire Services as requested.
- 15. Where gas pipes cross or are parallel and close to excavations, changes in backfill etc. may cause differential ground settlement and increased stress in the pipe. For pipes parallel and close to excavations, the degree of risk depends upon the depth of the excavation, the distance of the pipe from the excavation, the type of soil and any excessive loading from heavy construction plant and materials. Wherever excavation works may affect the support of the gas pipe or cause excessive loading over the gas pipe then GTC must be consulted.



- 16. No concrete or other hard material should be placed or left under or adjacent to any gas pipe as this can cause pipe fracture at a later date. Concrete backfill should not be used within 300mm of a gas pipe.
- 17. Where an excavation uncovers a gas pipe with a damaged wrapping, GTC should be told, so that repairs can be made to prevent future corrosions and leakage.
- 18. Pipe restraints or thrust blocks close to gas mains should never be removed.
- 19. Anyone who carries out work near underground gas plant should observe any specific requirements made by the site manager, and ensure that access to the plant by National Grid Gas and GTC staff is available at all times. No unauthorised repairs to gas pipes should be made.
- 20. Where excavation is within 5 metres proximity to above or below ground pressure control equipment, ground workers must be aware of the possibility of encountering small impulse pipe work that is more susceptible to damage.
- 21. Where PE pipes and cables have been exposed and it is intended hot work (e.g. welding, grinding, etc) be carried out, contact must be made with GTC to confirm additional precautions and actions that may require to be undertaken.
- 22. GTC should be consulted if it is intended to carry out any of the following activities:
 - using explosives within 30m of gas pipes or 400m of gas pressure reduction equipment
 - piling or boring within 15m of gas plant
 - excavating within 10m of pressure reduction equipment
 - reducing the cover or protection of a gas pipe
 - carrying out nearby deep excavations
 - working near our intermediate pressure (IP) mains.

Precautions for Electricity Networks

- 23. Plans do not always show the presence of electric service cables (from the electricity main to premises) but their existence should be assumed.
- 24. In most cases there will be no permanent surface marker posts or other visible indication of the presence of a buried cable. Even if no cables are shown on plans or detected by a locator, there may still be cables present, which could be live and a close watch should be kept for any signs which could indicate their presence such as marker tape, tape tile, concrete tiles and wooden battens. Any marker which is disturbed by our excavations must be replaced once work is completed.
- 25. Typically underground cables are laid in trenches between 450mm and 1.0m deep, although some high voltage cables will be deeper, however, depths should never be assumed.
- 26. A cable is positively located only when it has been safely exposed. Even then, digging should still proceed with care as there may be other cables adjacent or lower down.



- 27. Occasionally, cables are terminated in the ground by means of a seal, sometimes with external mechanical protection. These "pot ended" or "bottle ended" cables should be treated as live and should not be assumed to be abandoned or disused. They can be difficult to detect with locators even when "live".
- 28. Using hand held power tools to break up hard surfaces often leads to accidents. Where practicable, such power tools should only be used 500mm or more away from the indicated line of a cable buried in or below a hard surface. Having done so, the cable should then be positively located by careful hand digging under the hard surface. The hard surface should be gradually removed until the cable is exposed. If the cable is not exposed then it must be assumed to be embedded within the surface. Where possible a cable locator should be used as a depth guide down the side of the excavation.
- 29. Because of the difficulty in confirming depth, hand held power tools should never be used over the cable unless either:
 - the cable has already been exposed by digging under the surface to be broken out and it is at a safe depth (at least 300mm) below the bottom of the hard surface material; or
 - physical precautions have been taken to prevent the tool striking the cable.
- 30. Excavating close to electricity cables buried in concrete is dangerous and should not be undertaken unless the cable(s) have been isolated. For this reason alone electricity cables should not be buried in concrete.
- 31. Using mechanical means to break up concrete can cause damage to cables and if the cable is live, anyone present is likely to be injured.
- 32. Where mechanical excavators are used in the possible vicinity of underground cables, the work should be arranged so that damage to cables is avoided so far as is reasonably practicable and so that everyone is kept well clear of the excavator bucket while it is digging. Drivers should have been instructed to stay in the cab if a cable is struck. If they have to leave the cab, they should jump clear. If drivers climb down, they may be electrocuted. When a cable is struck, a watch should be kept on the machine and no one should go down into the excavation or approach the mechanical excavator or the cable until GTC are contacted and arranged for the damaged cable to be made safe.
- 33. Where cables have been exposed:
 - any damage should be reported to GTC immediately on 0800 032 6990 and work should not be undertaken in the vicinity of a damaged cable until GTC has investigated its condition;
 - for more than 1.0m and they cross a trench, support should be provided. If the
 exposed cable length is shorter than 1.0m support should still be considered if
 joints have been exposed or the cable appears otherwise vulnerable to damage.
 Where advice and help is needed contact GTC;



- Suitable precautions should be taken to prevent damage from on-going work in the excavation. This may involve for example the use of physical means (e.g. timber boards, sandbags etc) to prevent mechanical damage. Materials or equipment which could damage or penetrate the outer sheath of the cable should not be used. Cables lying in the bottom of an excavation are particularly vulnerable and should be protected by nail free wooden planks, troughing or other suitable means;
- cables should not be moved aside unless the operation is supervised by GTC;
- Precautions should be taken to prevent access by members of the public.
- 34. GTC should be consulted if it is intended to carry out any of the following activities:
 - using explosives within 30m of plant or substations piling or boring within 15m of electric plant
 - excavating within 10m of a substation
 - carrying out nearby deep excavations
 - working near our HV plant.

Precautions for Water Networks

- 35. Plans do not always show the presence of water service pipes (from the water main to premises) but their existence should be assumed.
- 36. The depth of cover for water mains is normally 750mm in carriageways and grass verges and 750mn footways. The depth of cover for water services is normally 450mm. Remember these covers are to finished level, you may be working in an area, which will be made up or lowered at a later date.
- 37. Water mains should be located by hand digging before mechanical excavation begins. When the positions and depth of the pipes have been determined, work can proceed.
- 38. The danger created by damaging a water pipe with an excavator is much greater than if the damage is done with a hand-held power tool (the opposite is true for work near electricity cables and this is reflected in the different safe digging practices). Water pipes may have projections such as valve housings, which are not shown on the plans and to allow for this mechanical excavators should not be used within 500mm of a water pipe.
- 39. If a water leak is suspected, the following action should be taken immediately:
 - Remove all people from the immediate vicinity of the damage. It is important to
 note that a mechanical excavator may not only cause damage/leakage at the
 point of impact. For example, damage to a service connection outside the
 building may result in further, unseen damage to the connection inside the
 building.
 - Shut down all working plant and machinery in the vicinity of the damage



- Inform IWNL by dialling 02920 028 711.
- Remain on site.
- Do not attempt to make a repair.
- Assist GTC, approved contractors and Police or Fire Services as requested.
- 40. Where water pipes cross or are parallel and close to excavations, changes in backfill etc. may cause differential ground settlement and increased stress in the pipe. For pipes parallel and close to excavations, the degree of risk depends upon the depth of the excavation, the distance of the pipe from the excavation, the type of soil and any excessive loading from heavy construction plant and materials. Wherever excavation works may affect the support of the water pipe or cause excessive loading over the water pipe then GTC must be consulted.
- 41. No concrete or other hard material should be placed or left under or adjacent to any water pipe as this can cause pipe fracture at a later date. Concrete backfill should not be used within 300mm of a water pipe.
- 42. Where an excavation uncovers a water pipe with a damaged wrapping, GTC should be told, so that repairs can be made to prevent future corrosions and leakage.
- 43. Pipe restraints or thrust blocks close to water mains should never be removed.
- 44. Anyone who carries out work near underground water plant should observe any specific requirements made by the site manager, and ensure that access to the plant by GTC staff is available at all times. No unauthorised repairs to water pipes should be made.
- 45. Where PE pipes and cables have been exposed and it is intended hot work (e.g. welding, grinding, etc) be carried out, contact must be made with GTC to confirm additional precautions and actions that may require to be undertaken.
- 46. GTC should be consulted if it is intended to carry out any of the following activities:
 - using explosives within 30m of plant
 - piling or boring within 15m of water plant
 - excavating within 10m of water asset structures
 - reducing the cover or protection of a water main or service
 - carrying out nearby deep excavations

Precautions for Fibre Networks

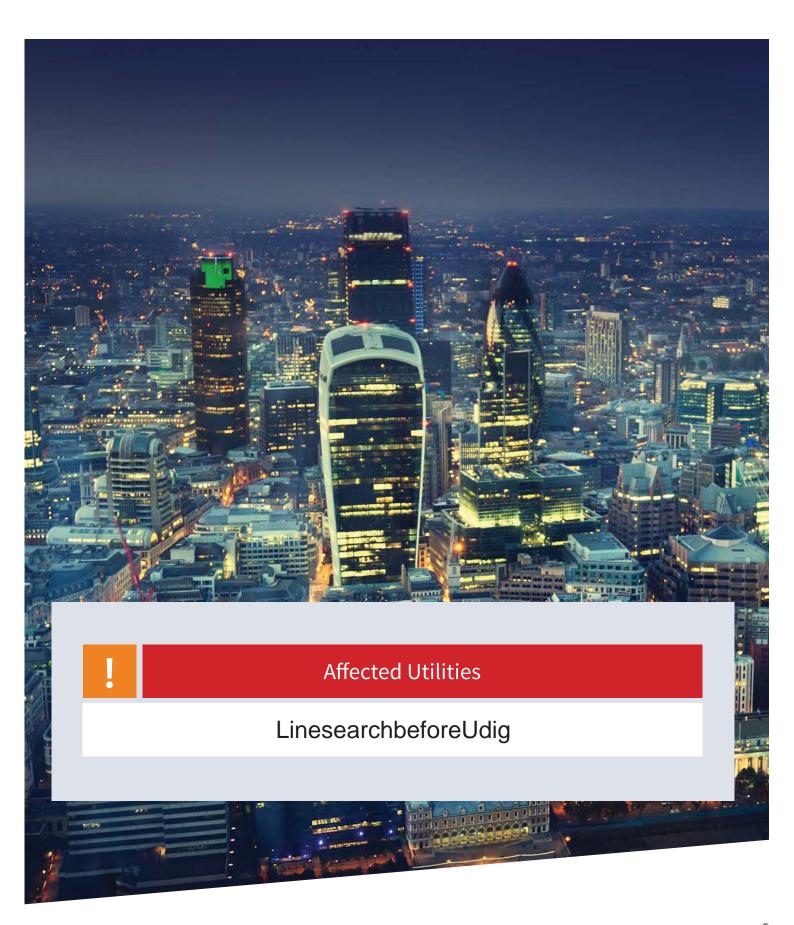
- 47. Plans may not always show the presence of fibre ducts but their existence should be assumed if GTC advise they have fibre services deployed in the given area. Any planned excavation work should only proceed with due care and attention.
- 48. Chambers with IFNL marked lids can be used as an onsite indictor that GTC have fibre plant deployed in a given area however an exclusion of their presence does not necessarily mean there is no plant present.



- 49. In most cases there will be no permanent surface marker posts or other visible indication of the presence of a buried fibre duct. Even if no ducts are shown on plans there may still be ducts present which could have live fibre service installed. A close watch should be kept for any signs which could indicate duct presence such as marker tape. Any marker which is disturbed by our excavations must be replaced once work is completed.
- 50. The depth of cover for fibre duct is normally 350mm in footways and grass verges, 600mm in carriageways and 1000mm in agricultural deployments. Remember these covers are to finished level, you may be working in an area, which will be made up or lowered at a later date.
- 51. Fibre ducts should be located by hand digging before mechanical excavation begins. When the positions and depth of the ducts have been determined, work can proceed. Even then, digging should still proceed with care as there may be other ducts adjacent or lower down.
- 52. If fibre duct damage is suspected, the following action should be taken immediately:
 - Remove all people from the immediate vicinity of the damage. It is important to note that a mechanical excavator may not only cause damage at the point of impact. For example, damage to a fibre connection outside the building may result in further, unseen damage to the connection inside the building.
 - Shut down all working plant and machinery in the vicinity of the damage
 - Inform IFNL NOC immediately on 0845 051 1669.
 - Remain on site.
 - Do not attempt to make a repair.
- 53. Where fibre ducts cross or are parallel and close to excavations, changes in backfill etc. may cause differential ground settlement and increased stress on the duct. For ducts parallel and close to excavations, the degree of risk depends upon the depth of the excavation, the distance of the duct from the excavation, the type of soil and any excessive loading from heavy construction plant and materials. Wherever excavation works may affect the support of the fibre duct or cause excessive loading over the fibre duct then GTC must be consulted.
- 54. No concrete or other hard material should be placed or left under or adjacent to any fibre duct as this can cause damage to the duct at a later date. Any backfill should comply with the requirements of NRSWA. Concrete backfill should not be used within 300mm of a fibre duct.
- 55. Anyone who carries out work near underground fibre plant should observe any specific requirements made by the site manager, and ensure that access to the plant by GTC staff is available at all times. No unauthorised repairs to fibre ducts should be made.
- 56. Where fibre ducts have been exposed and it is intended hot work (e.g. welding, grinding, etc) be carried out, contact must be made with GTC to confirm additional precautions and actions that may require to be undertaken.



- 57. GTC should be consulted if it is intended to carry out any of the following activities:
 - using explosives within 30m of plant or fibre asset structures
 - piling or boring within 15m of fibre plant
 - excavating within 10m of fibre asset structures (including the OSCP)
 - reducing the cover or protection of a fibre duct
 - carrying out nearby deep excavations







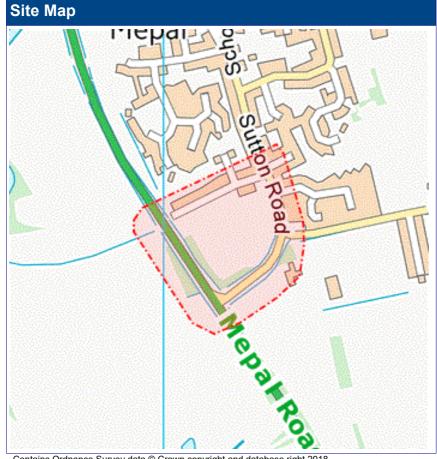
Enquiry Confirmation LSBUD Ref: 14124779

Date of enquiry: 06/11/2018 Time of enquiry: 11:52

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

Enquiry Details						
Scheme/Reference	LM 70662/SuC					
Enquiry type	Initial Enquiry	Work cate	gory	Utility V	Vorks	
Start date	22/11/2018	22/11/2018 Work type Single excavation site				
End date	22/02/2019	2/2019 Site size 8980		89804	39804 metres square	
Searched location	XY= 544150, 280500 Work type buffer*		buffer*	25 metres		
Confirmed location	544120 280490	544120 280490				
Site Contact Name	Not Supplied			one 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.





Enquiry Confirmation LSBUD Ref: 14124779

Date of enquiry: 06/11/2018 Time of enquiry: 11:52

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		
JK 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 member	rs
AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
BP Exploration Operating Company Limited	ВРА	Carrington Gas Pipeline
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
CLH Pipeline System Ltd	Concept Solutions People Ltd	ConocoPhillips (UK) Ltd
DIO (MOD Abandoned Pipelines)	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 PLC	Gtt
Hafren Dyfrdwy	Humbly Grove Energy	IGas Energy
INEOS FPS Pipelines	INEOS Manufacturing (Scotland and TSEP)	INOVYN Enterprises Limited
Intergen (Coryton Energy or Spalding Energy)	Mainline Pipelines Limited	Manchester Jetline Limited
Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited
National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	Northumbrian Water Group	NPower CHP Pipelines
Oikos Storage Limited	Ørsted	Perenco UK Limited (Purbeck Southampton Pipeline)
Petroineos	Phillips 66	Premier Transmission Ltd (SNIP)
Prysmian Cables & Systems Ltd (c/o Western Link)	Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)
RWEnpower (Little Barford and South Haven)	SABIC UK Petrochemicals	Scottish Power Generation
Seabank Power Ltd	Severn Trent (Chester area only)	SGN
Shell (St Fergus to Mossmorran)	Shell Pipelines	SSE (Peterhead Power Station)
Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)	Total Finaline Pipelines
Transmission Capital	Uniper UK Ltd	Vattenfall
Veolia ES SELCHP Limited	Western Power Distribution	Westminster City Council
Wingas Storage UK Ltd	Zayo Group UK Ltd c/o JSM Group Ltd	







Our Ref: Ref shown on map

Date of issue: shown on map



email: nnhc@openreach.co.uk

Dear Customer,

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

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

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

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

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

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

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

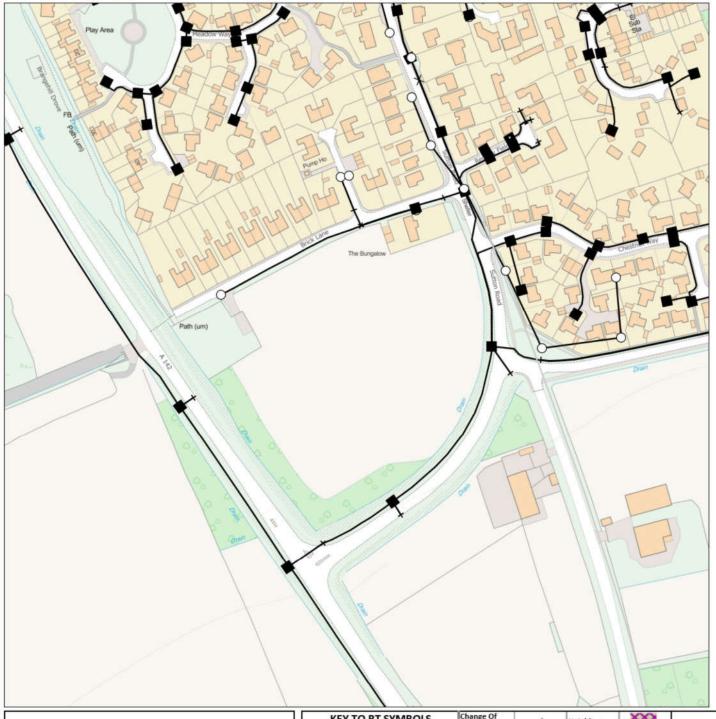
To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of BT apparatus. If scaffolding is erected, please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by the scaffolding.

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

Yours faithfully,

Jason Carrington NNHC & MBE Manager

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only.

No guarantee is given of its accuracy.

It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.



openreach

CLICK BEFORE YOU DIG

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

email cbyd@openreach.co.uk

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

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KEY	TO BT SYM	BOLS	Change Of State	+	Hatchings	XX
	Planned	Live	Split Coupling	×	Built	^
PCP	2	Ø	Duct Tee	•	Planned	
Pole	0	0	Building		Inferred	^
Box			Kiosk	(K)	Duct	
Manhole			Other proposed plant is shown using dashed lines.			
Cabinet	Û	Û	BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are			rded.

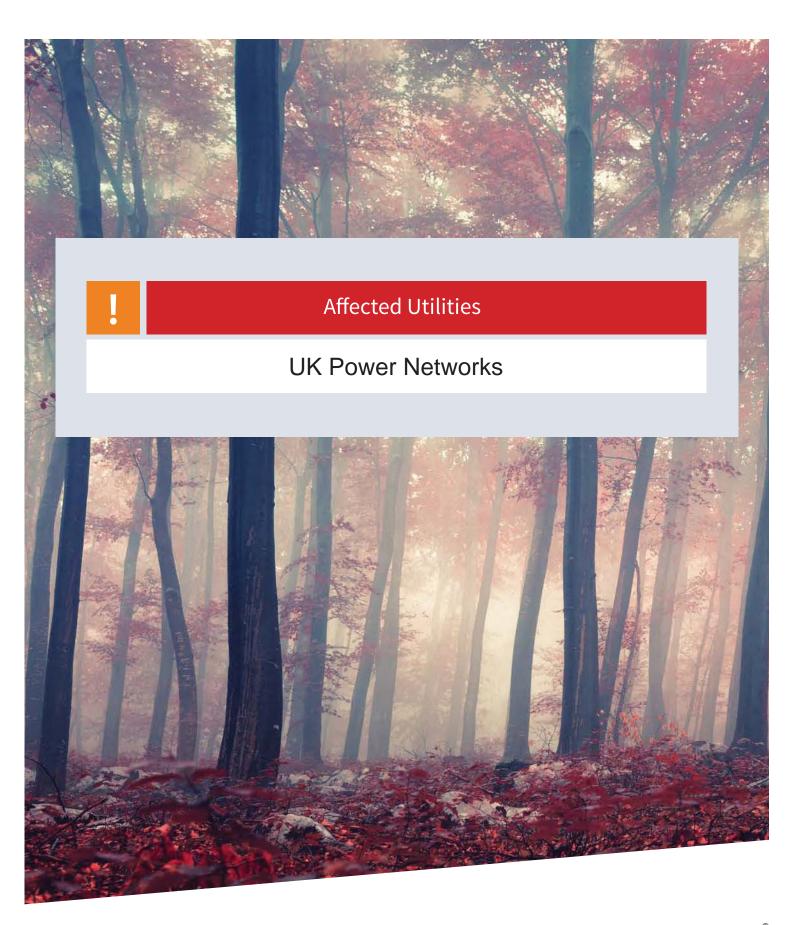
	Pending Add	In Place	Pending Remove	Not In Use
Power Cable	H-H	NN	AA.	NN
Power Duct	**	N N	110	N/A

BT Ref : ZMZ09392P

Map Reference : (centre) TL4414680503 Easting/Northing : (centre) 544146,280503

Issued: 16/11/2018 09:39:34

Utilities Report







Registered Office: Newington House 237 Southwark Bridge Road

London SE1 6NP

Registered in England and Wales No: 3870728

Company:

UK Power Networks (Operations) Limited

CHECKED

Our Ref: 14124779 Your Ref: LM 70662/SuC

Tuesday, 06 November 2018

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

Dear Christina Elliott

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

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

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

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

Plan Provision 0800 056 5866









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

Registered in England and Wales No: 3870728

Company: UK Power Networks (Operations) Limited

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

- 1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.
- 2. UK Power Networks does not exclude or limit its liability if it causes the death of any person or causes personal injury to a person where such death or personal injury is caused by its negligence.
- 3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise how for any loss, damage, costs, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.
- 4. The information about UK Power Networks electrical plant and/or electric lines provided to you belongs to and remains the property of UK Power Networks. You must not alter it in any respect.
- 5. The information provided to you about the electrical plant and/or electric lines depicted on the plans may NOT be a complete record of such apparatus belonging to UK Power Networks. The information provided relates to electric lines and/or electrical plant belonging to UK Power Networks that it believes to be present but the plans are not definitive: other electric lines and/or electrical plant may be present and that may or may not belong to UK Power Networks.
- 6. Other apparatus not belonging to UK Power Networks is not shown on the plan. It is your responsibility to make your own enquiries elsewhere to discover whether apparatus belonging to others is present. It would be prudent to assume that other apparatus is present.
- 7. You are responsible for ensuring that the information made available to you is passed to those acting on your behalf and that all such persons are made aware of the contents of this letter.
- 8. Because the information provided to you may not be accurate, you are recommended to ascertain the presence of UK Power Networks electric lines and/or electrical plant by the digging of trial holes. Trial holes should be dug by hand only.

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

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

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

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









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

Registered in England and Wales No: 3870728

Company: UK Power Networks (Operations) Limited

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

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

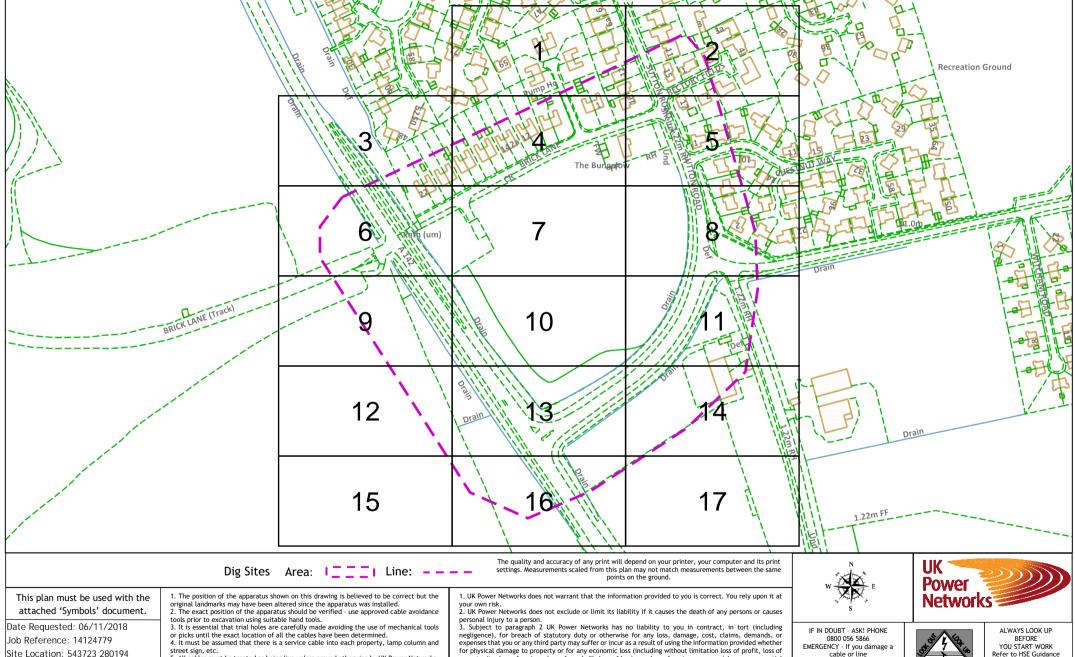
If given a reasonable period of prior notice UK Power Networks will attend on site without charge to advise how and where "goal posts" should be erected. If you wish to use this service, in the first instance please telephone: 0845 6014516 between 08:30 and 17:00 Monday to Friday.

- 10. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.
- 11. If in carrying out work on land in, on, under or over which is installed an electric line and/or electrical plant that belongs to UK Power Networks you and/or anyone working on your behalf damages (however slightly) that apparatus you must inform immediately UK Power Networks by our emergency 24 hour three digit telephone number 105 providing;
 - your name, address and telephone number;
 - the date, time and place at which such damage was caused;
 - a description of the electric line and/or electrical plant to which damage was caused;
 - the name of the person whom it appears to you is responsible for that damage;
 - the nature of the damage.
- 12. The expression "UK Power Networks" includes UK Power Networks (EPN) plc, UK Power Networks (LPN) plc, UK Power Networks (SEPN) plc, UK Power Networks and any of their successors and predecessors in title.









Requested by:

Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC

Scale: 1:3075 (When plotted at A4)

- 5. All cables must be treated as being live unless proved otherwise by UK Power Networks. 6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for
- 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
- 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.
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cable or line Phone 0800 783 8838 (24hrs) URGENTLY



note GS6

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Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC Scale: 1:500 (When plotted at A4)

- tools prior to excavation using suitable hand tools.

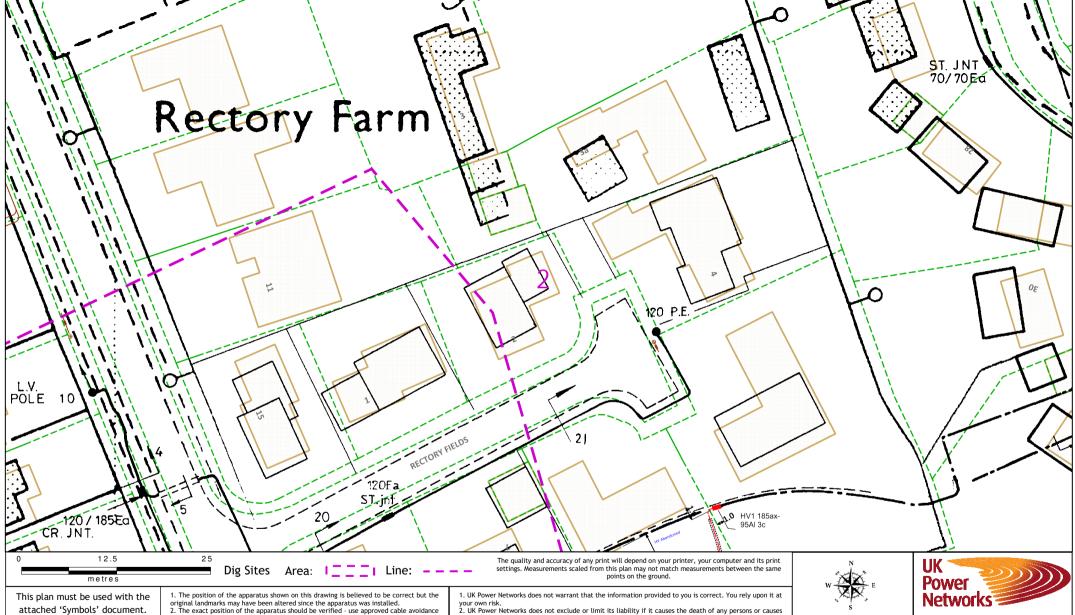
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IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY



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

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Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 70662/SuC

Scale: 1:500 (When plotted at A4)

- tools prior to excavation using suitable hand tools.

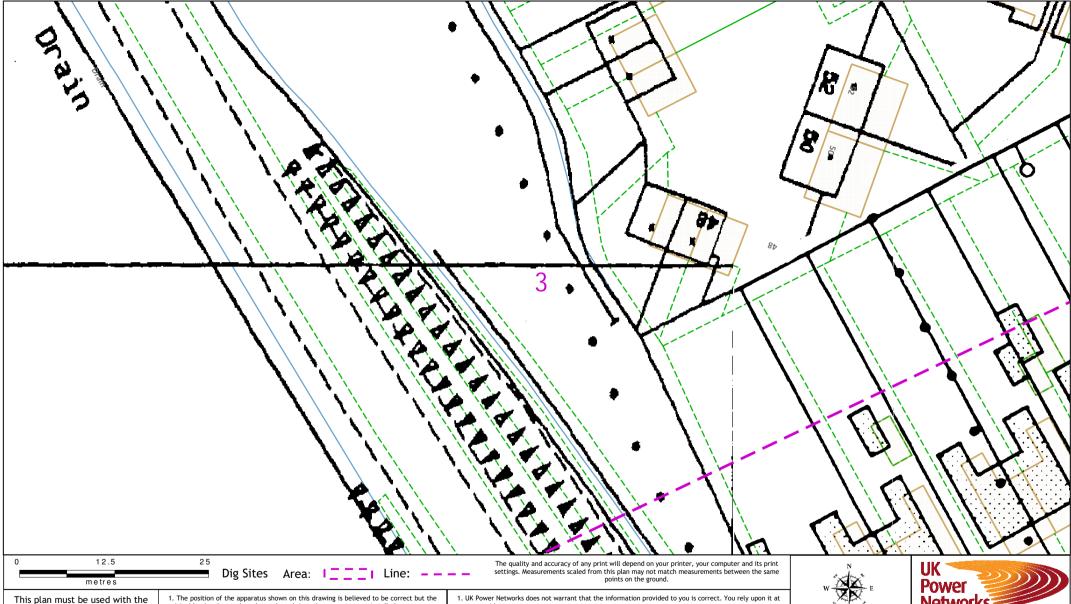
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attached 'Symbols' document.

Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC

Scale: 1:500 (When plotted at A4)

- 1. The position of the applicatus shown on this brawing is between the becomes of an 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.
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- 2. On rower necessions does not exclude or minit its itability in trades and better or any persons or causes
 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.
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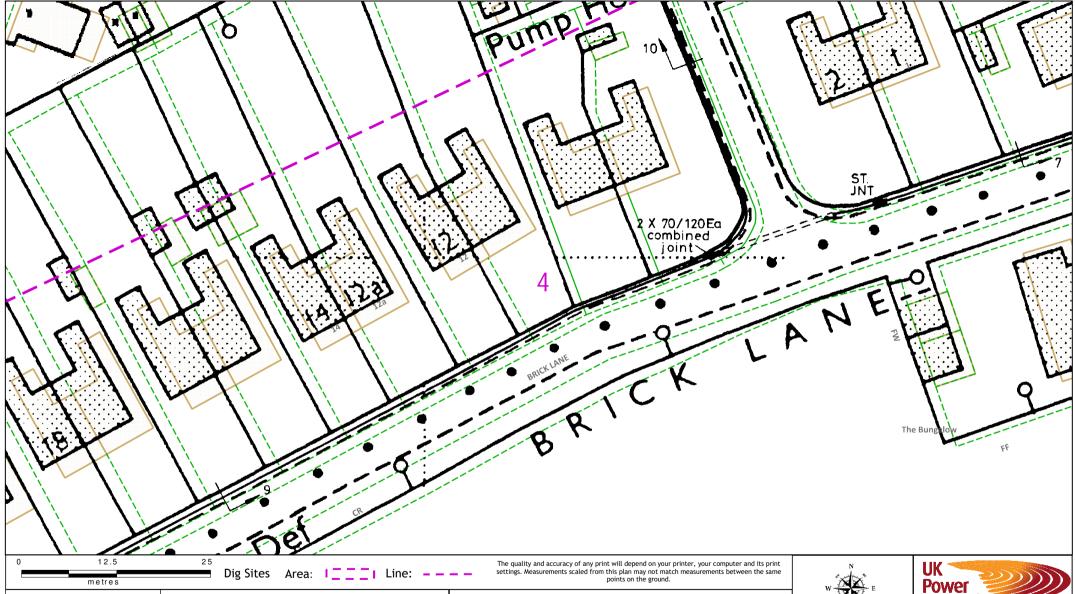


IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line 0800 783 8838 (24hrs) URGENTLY



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

Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC

Scale: 1:500 (When plotted at A4)

1. The position of the apparatus shown on this drawing is believed to be correct but the

original landmarks may have been altered since the apparatus was installed.

2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.

3. It is essential that trial holes are carefully made avoiding the use of mechanical tools

or picks until the exact location of all the cables have been determined. 4. It must be assumed that there is a service cable into each property, lamp column and

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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

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.

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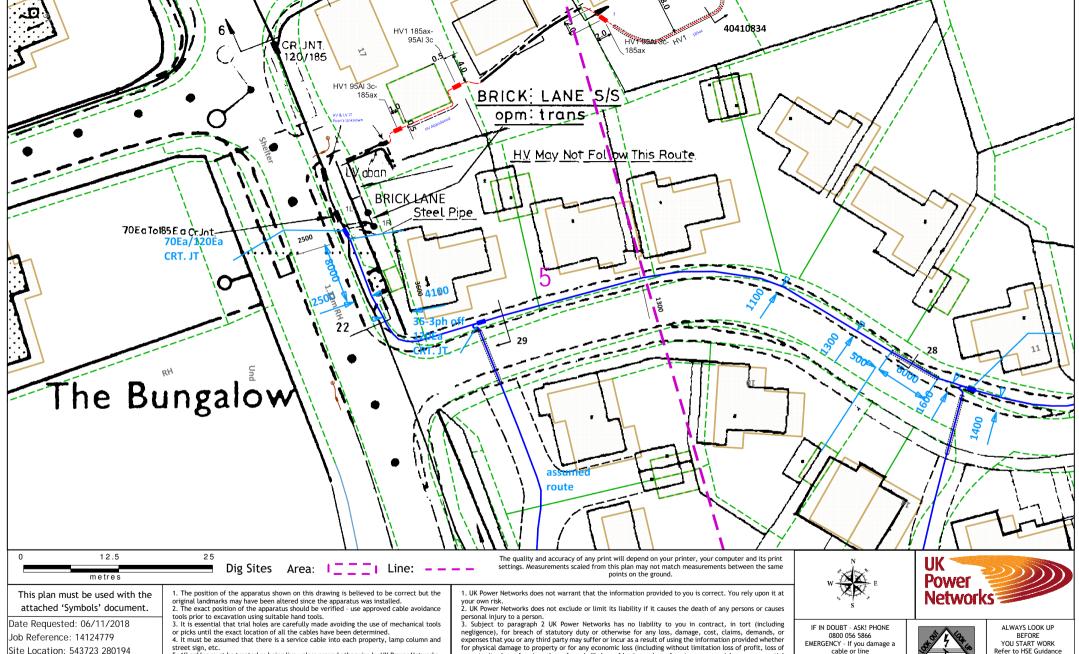
IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY





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Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC

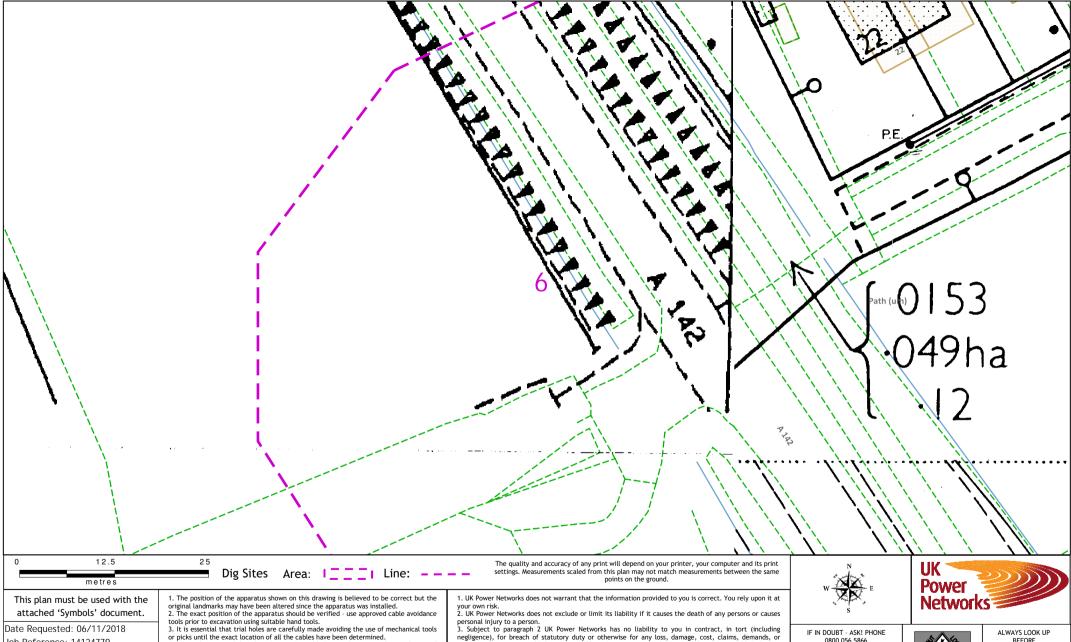
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note GS6

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Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC Scale: 1:500 (When plotted at A4)

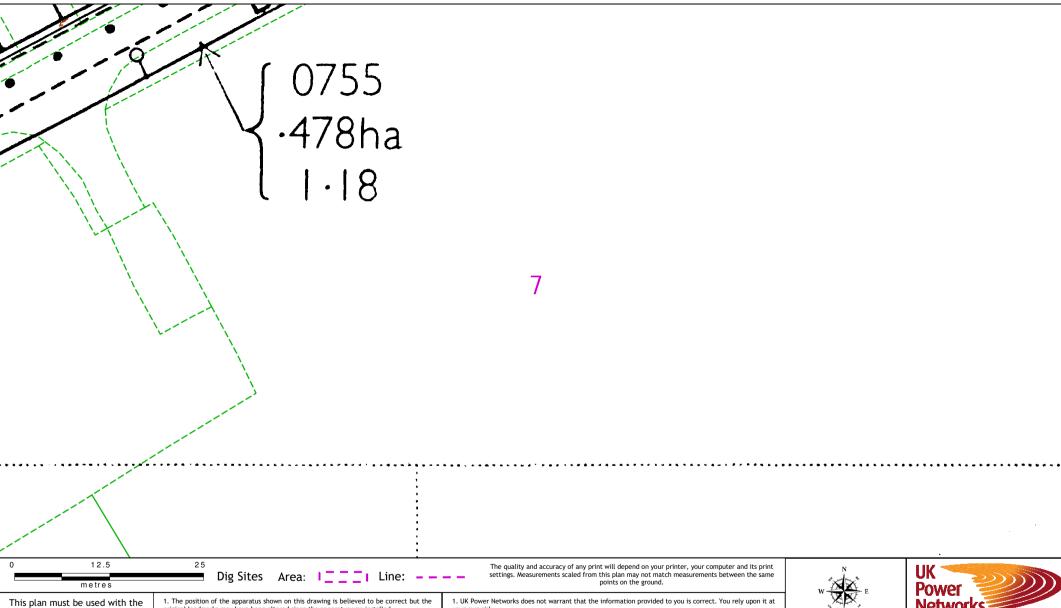
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0800 056 5866 EMERGENCY - If you damage a cable or line 2 0800 783 8838 (24hrs) URGENTLY



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attached 'Symbols' document.

Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 70662/SuC

Scale: 1:500 (When plotted at A4)

- original landmarks may have been altered since the apparatus was installed.
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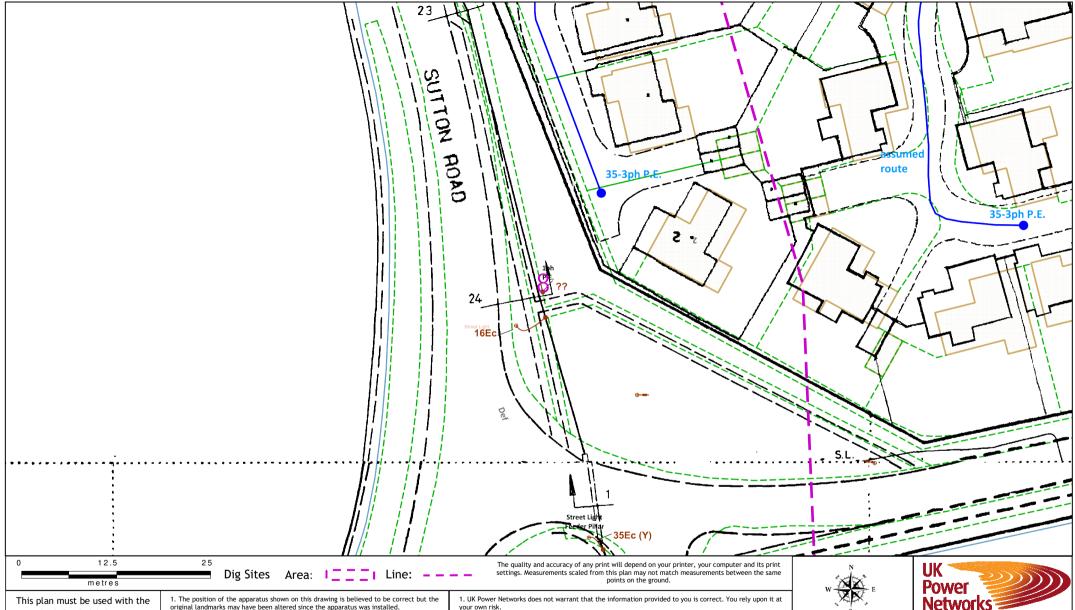
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Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

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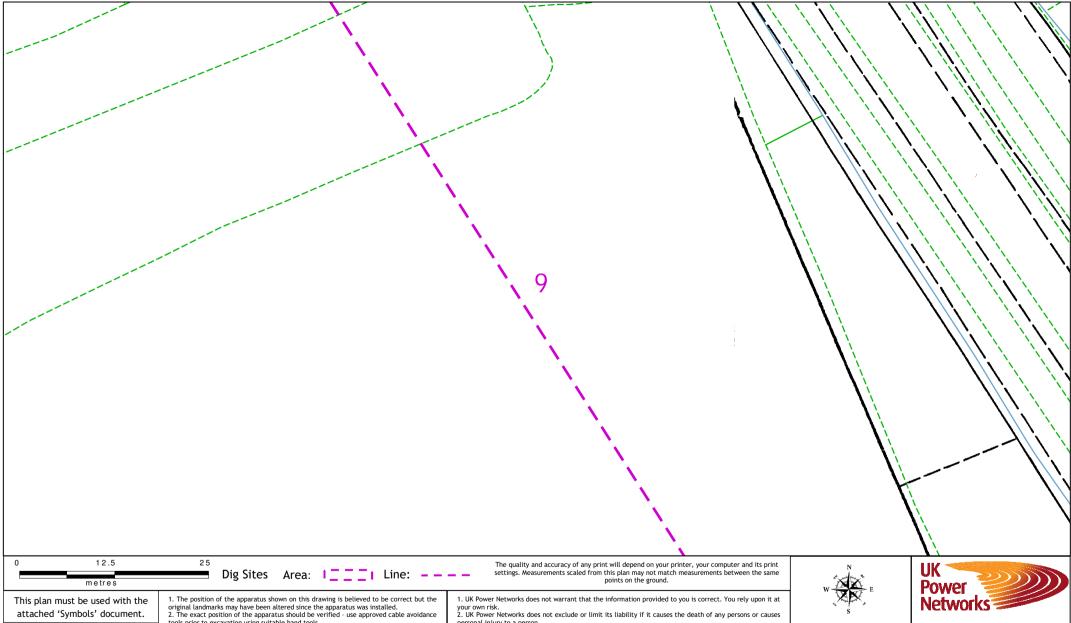


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Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC

Scale: 1:500 (When plotted at A4)

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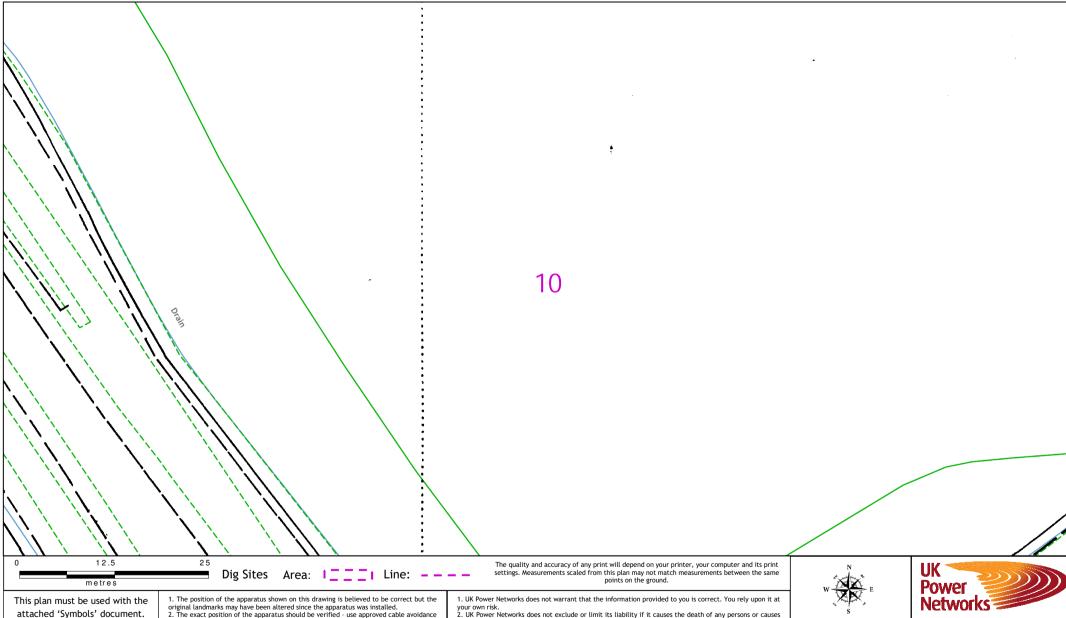
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attached 'Symbols' document.

Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC

Scale: 1:500 (When plotted at A4)

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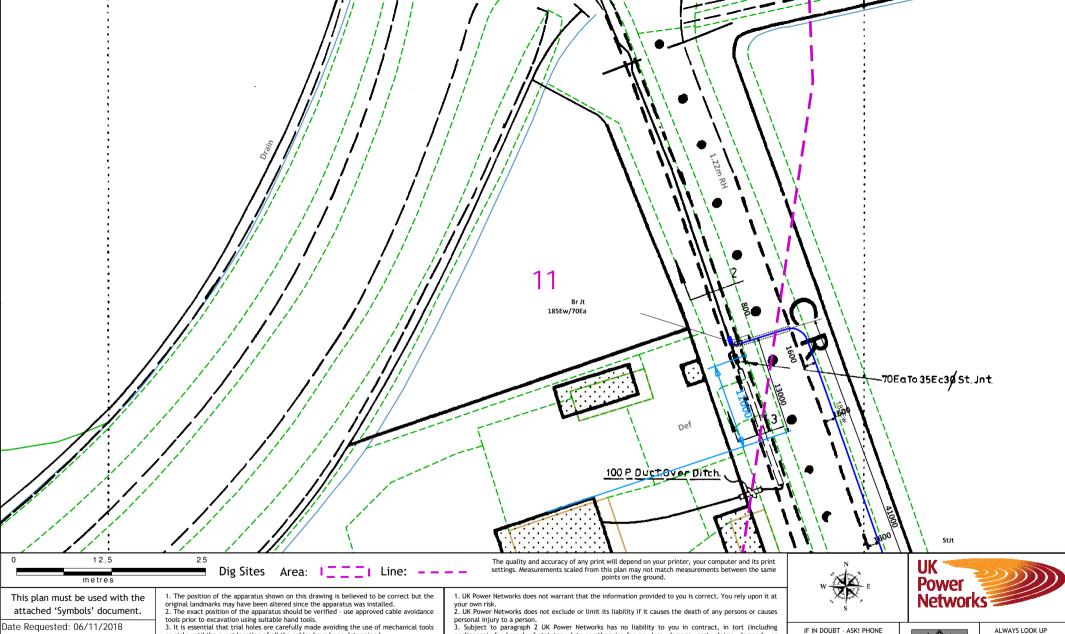


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Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC Scale: 1:500 (When plotted at A4)

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0 12.5 25

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.

Requested by: Ms Christina Elliott

Scale: 1:500 (When plotted at A4)

Your Scheme/Reference: LM

70662/SuC

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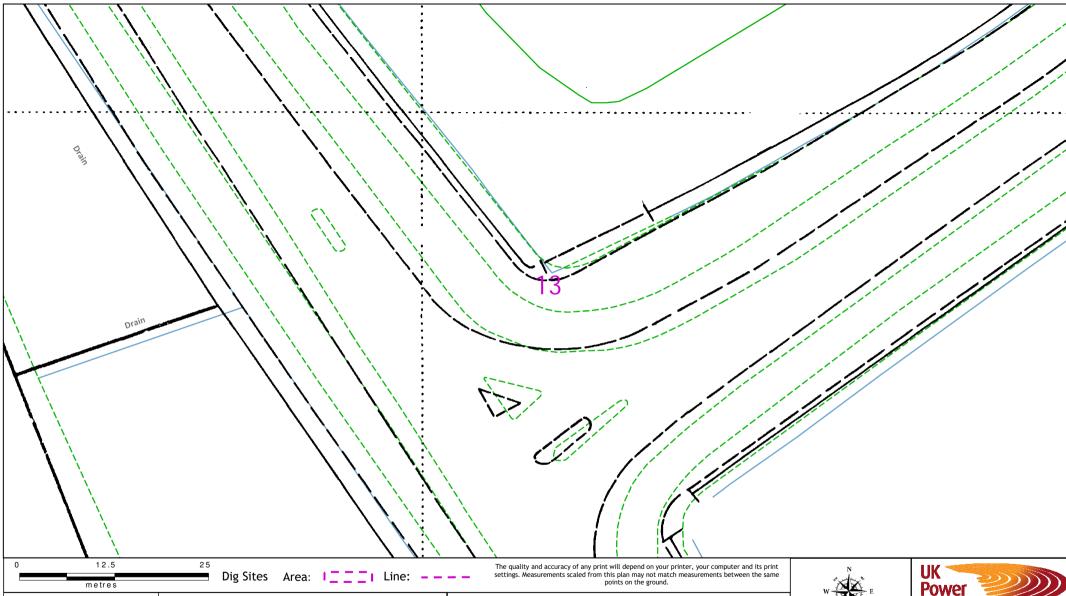


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Plans generated by DigSAFE Pro* Software provided by LinesearchbeforeUpig.



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

Date Requested: 06/11/2018 Job Reference: 14124779 Site Location: 543723 280194 Requested by: Ms Christina Elliott

Your Scheme/Reference: LM

70662/SuC

Scale: 1:500 (When plotted at A4)

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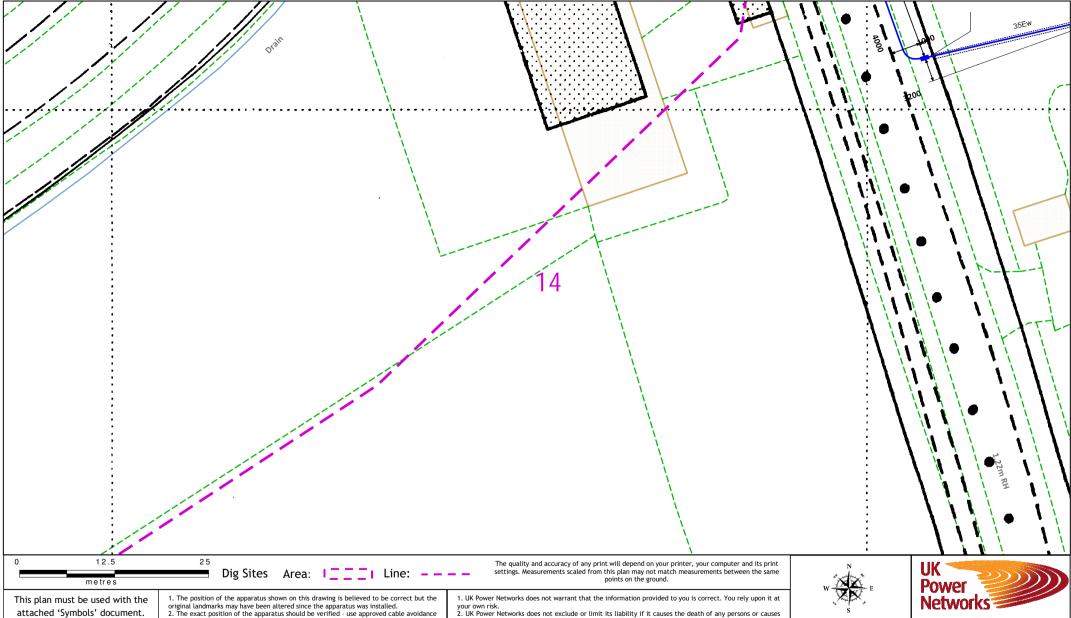


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Dig Sites Area: | _ _ _ | Line: - -

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.

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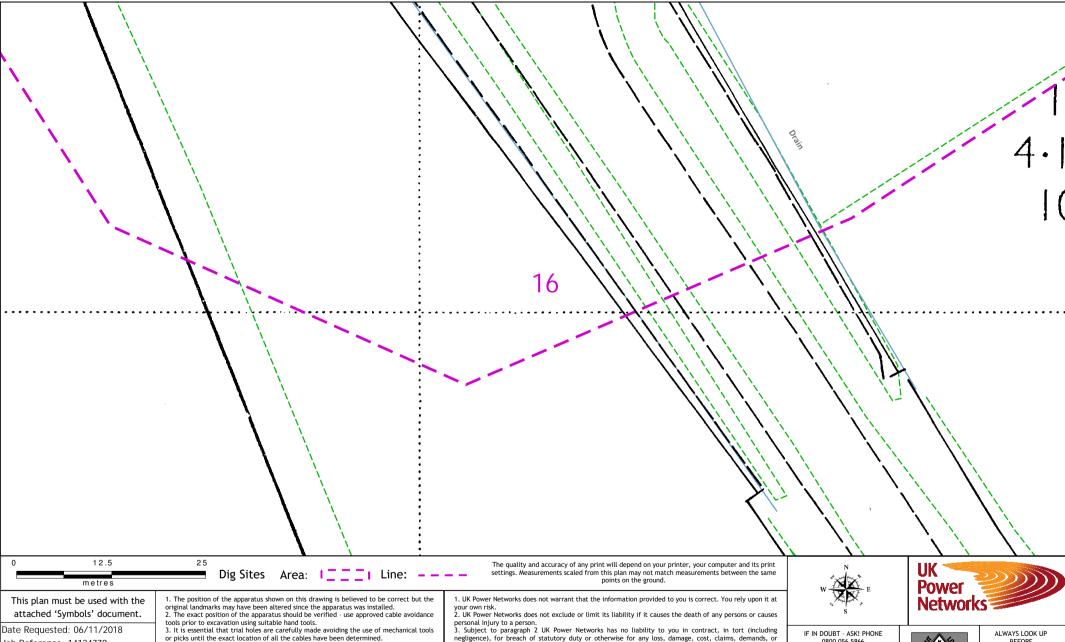
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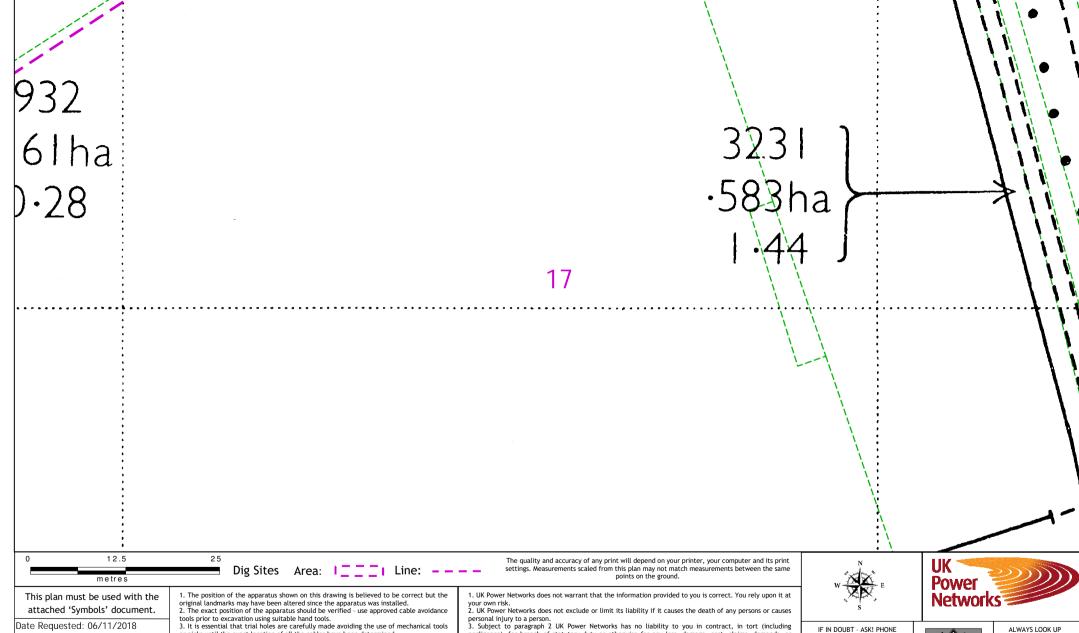
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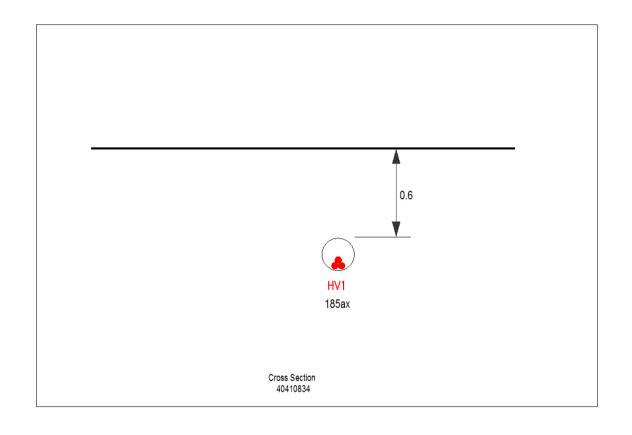


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Cross Section: 40410834



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Waps 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 Cross Section: 29

See Supplemental Diagram TL4480NWB for Cross-Section 29 details

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See Supplemental Diagram TL4480NWB for Cross-Section 28 details

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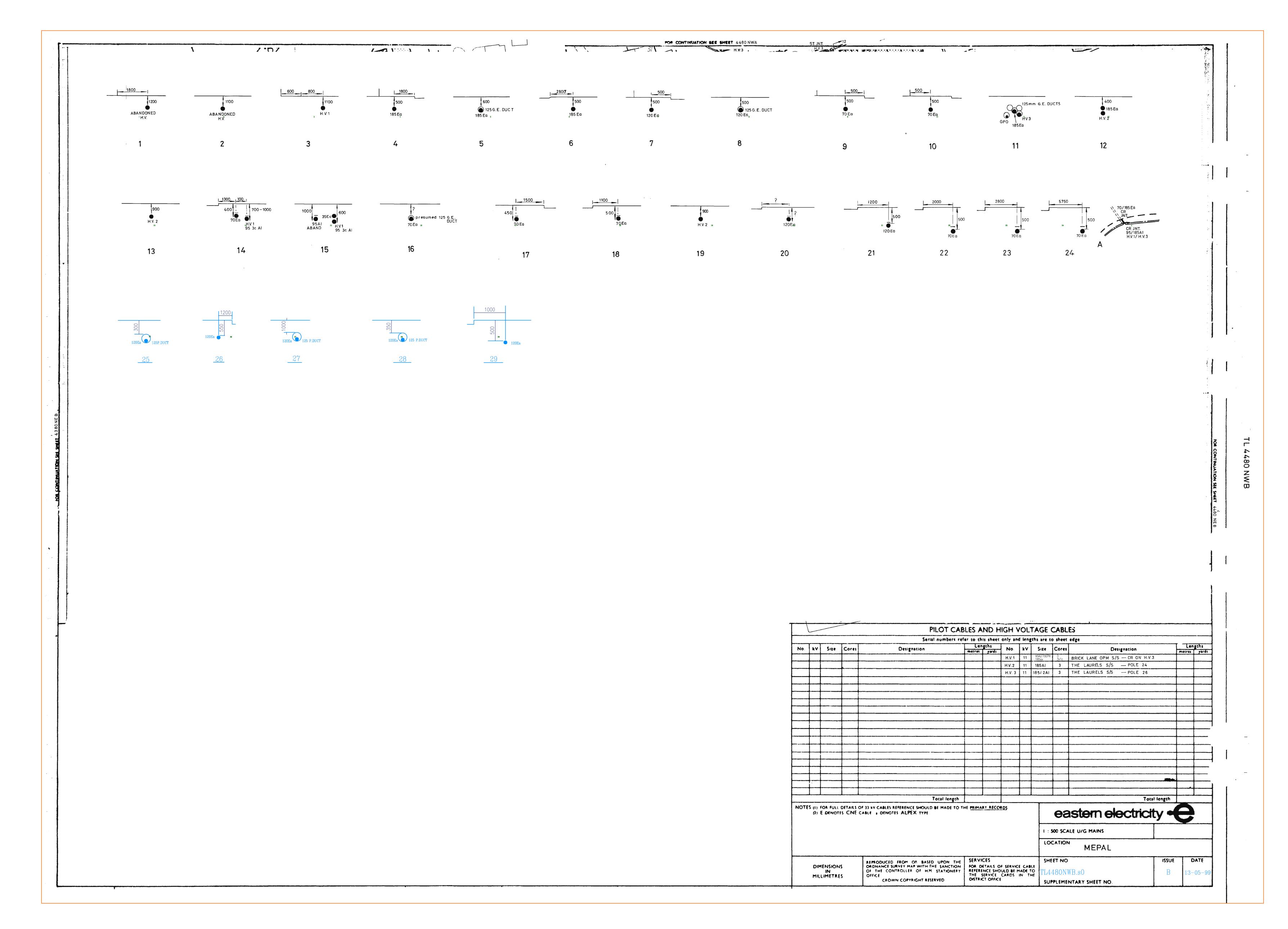
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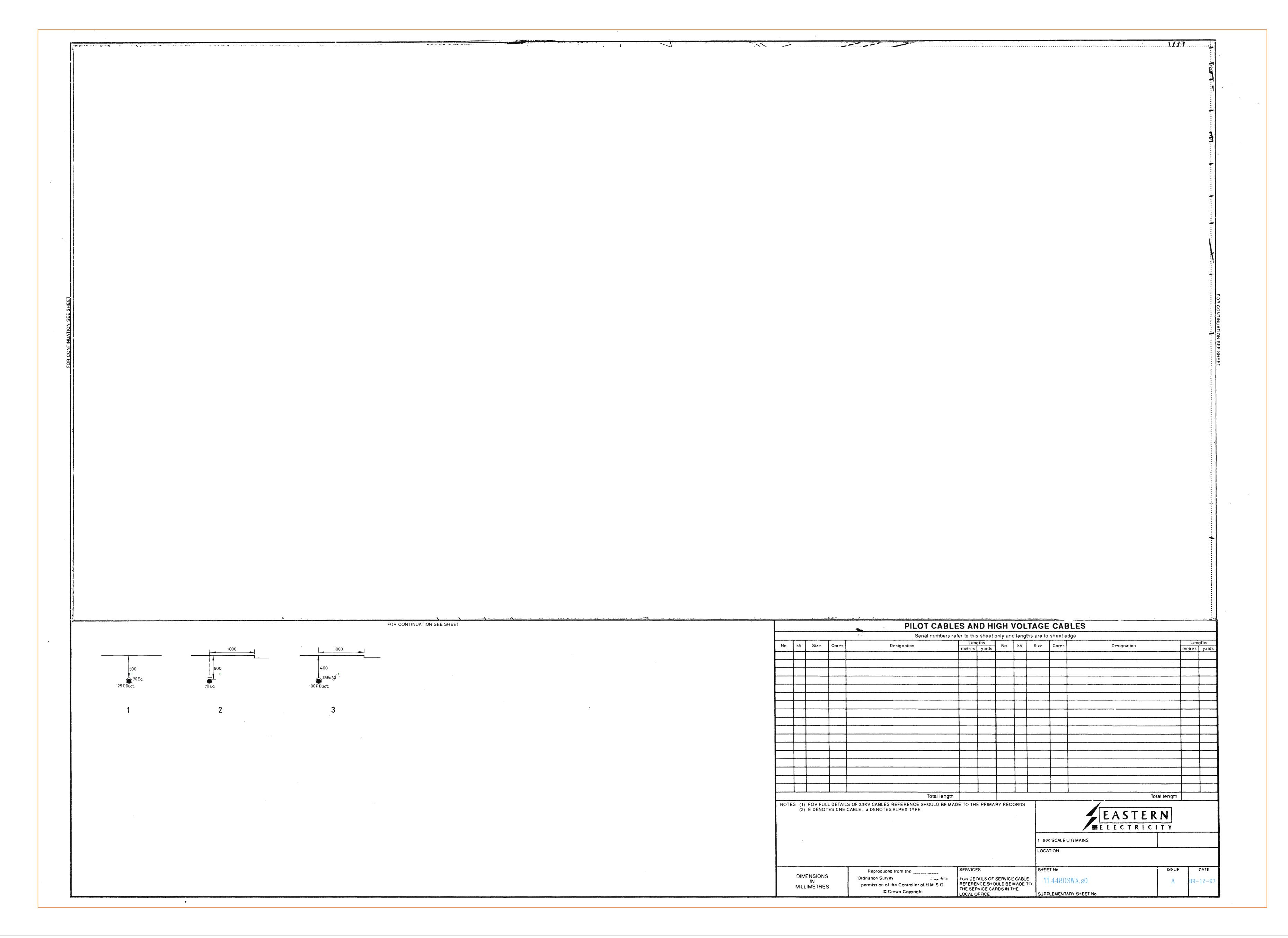




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NetWork Records NetMAP Symbols Booklet East of England

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.

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17		Common abbreviations/terminology (all views).
19	1:2500 (LV) & only).	1:10000 (HV) network views (UK Power Networks use
20 22		1:2500 scale LV network. 1:10000 scale HV network.
23	LV network dia	agram view (UK Power Networks use only). Overhead lines.
24 25 26		Underground cables. Joints. Substations/pole transformers.

Guidance notes.

Important notice:

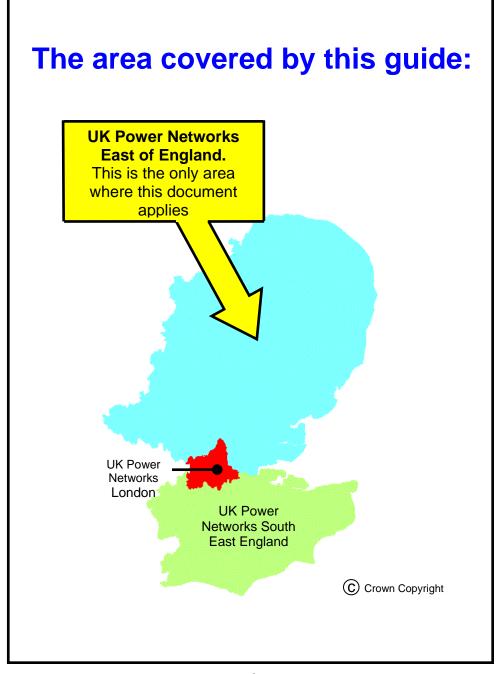
If you do not understand the NetMAP record that you are using, please contact the UK Power Networks Network Records team for guidance

Tel: 08000 565866.

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- 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



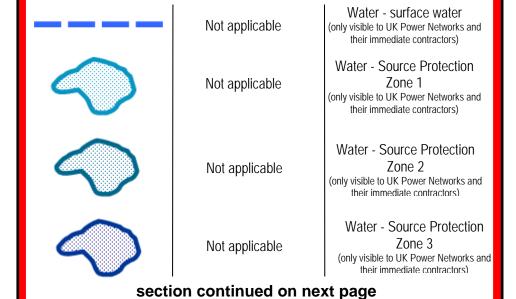
1:500 view - underground network

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

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

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

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



Scenery for UK Power Networks use only - boxed in red			
NetMAP system	Scanned image	Description	
	Not applicable	Historical - Scheduled Monuments (only visible to UK Power Networks and their immediate contractors)	
	Not applicable	Historical - Parks and Gardens (only visible to UK Power Networks and their immediate contractors)	
	Not applicable	Historical - Areas of Archaeological Potential (AAP) (only visible to E UK Power Networks and their Immediate contractors)	
	Not applicable	Nature - Ramsar Wetlands of International Importance (only visible to UK Power Networks and their immediate contractors)	
	Not applicable	Nature - Special Area of Conservation (SAC) (only visible to UK Power Networks and their immediate contractors)	
	Not applicable	Nature - Special Protected Area (SPA) (only visible to UK Power Networks and their immediate contractors)	
	(AM) 200	Nature - Site of Special and Scientific Interest (SSSI) (only visible to UK Power Networks and their immediate contractors)	
section continued on next page			

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

Primary distribution cables (1:500 view)			
NetMAP system	Scanned image	Description	
		Over 33kV and up to 132kV	
	SARRY SHARRY ROSSON SARROW SARROW STREET, SARROW SARROW SARROW	Over 11kV and up to 33kV	

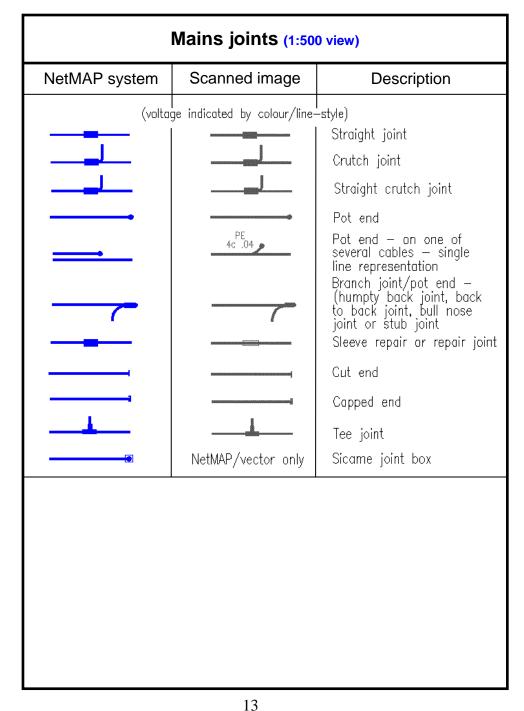
Seconda	ry distribution ca	bles (1:500 view)
NetMAP system	Scanned image	Description
		Over 230/400V and up to 11kV (HV) cable route
		230/400V (LV) cable route
	(Only shown this way if independent from HV cable route)	Pilot cable route
Abandoned cables a	lindepèndent from HV cable route) Ire shown and labelled as	such when applicable

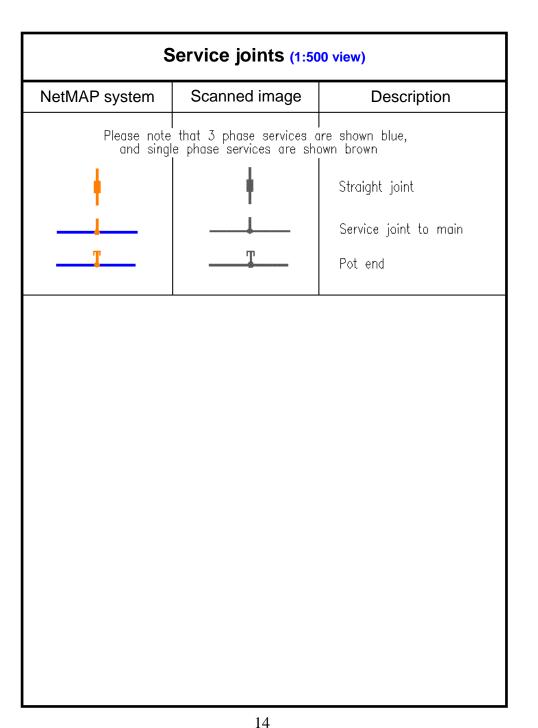
NetMAP system	Scanned image	Description
Street light	Service routes were not always shown on MMS — they were however shown dashed, as indicated above	3 phase service with termination 3 phase service with termination (unknown route) 3 phase service with multi—head termination Single phase service with termination Single phase service with termination (route unknown) Street lighting cable and termination
Street light	Street light	termination

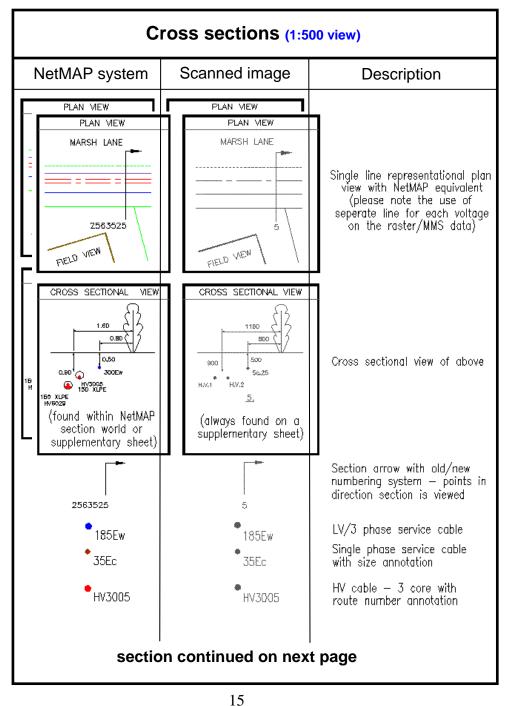
Cable ducts (1:500 view)			
NetMAP system	Scanned image	Description	
{		Empty duct Cable(s) in duct(s) Cable(s) in duct(s) (on some raster maps)	
 {		Multiple cables in ducts Multiple cables in ducts (on some raster maps)	

EHV, HV and LV sites (1:500 view)				
NetMAP system	Scanned image	Description		
COLCHESTER GRID	COLCHESTER GRID	Primary substation		
HIGH STREET	HIGH STREET HIGH STREET	Secondary substation		
		Pad mounted substation		
	3555555555	Link box – 2 way		
	MAGAGAGAGAGAGA MAGAGAGAGAGAGA MAGAGAGAGA	Link box — 4 way (6 way etc shown similarly)		
عالًا ا		Feeder pillar — 4 way (6 way etc shown similarly)		
CHURCH RD	CHURCH RD	Pole transformer		
CoOoOo		Poles on underground records		
0-0	0-0	H pole, any voltage		
▼	•	Service turret (solid type)		
sectio	section continued on next page			

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







Cross sections continued (1:500 view)			
NetMAP system	Scanned image	Description	
♣ HV3005	A HV3005	HV cable — modern EPR, Plam and Triplex with route number annotation	
	•	Pilot cable	
• HV1023	HV3005	33kV cable	
HV3005	• HV3005	132kV cable	
0	0	Single duct	
888	_ 888	6 way duct formation — irrespective of duct type and material, all are displayed similarly	
_		Protective slab	
_		Concrete slabs	
_		33kV fibre warning board	
-	_	Steel plate	
_	— т/т	Plastic tile tape	
Timber 🗀	1222	Timber	

Common abbreviations and	terminology (all views)
---------------------------------	-------------------------

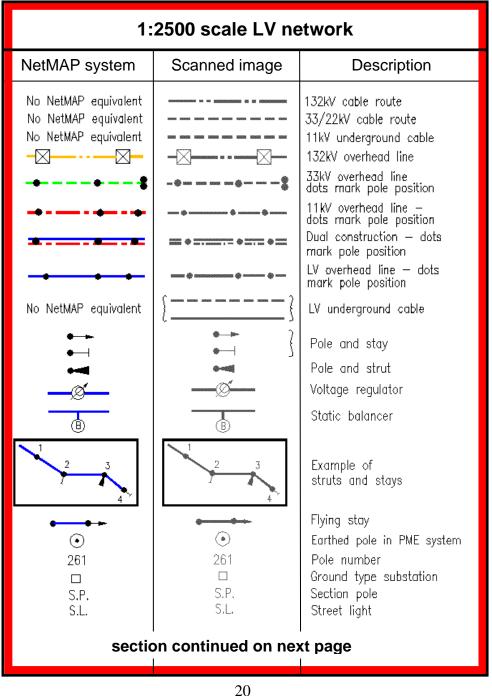
Abbrev.	Description	Abbrev.	Description
Abbrev. 1c 1ph 2c 3c 3ph ABC ABI ABSD ACCS AI AR ASL ax CB c/c ccc CCT CNE Cross phased CS E CU	Single core Single phase Two core Three core Three phase Aerial bunched (bundled)	Cut out or C/O ex DE DSTA Ea EFI EHV ELCB ELT EPR Ew E/W Fdr or F/G F/P GRP GVR HV HYBRID Insulation Insulator ITC	Meter/main fuse position Triplex (copper) Direct earth Double steel tape armoured Alpex cable Earth fault passage indicator Extra high voltage (11,001 Volts and over) Earth leakage circuit breaker Earth leakage trip Ethylene propylene rubber Waveform cable Earthenware duct or earth wire LV or HV cable fed by or feeding a substation Fuse gear Feeder pillar Fibreglass substation Gas vacuum recloser or pole mounted circuit breaker High voltage (1,001— 11,000 Volts incl) Modern plastic cable with mixed conductor material
			using Cable Avoidance Tool (CAT) or similar
	section continue	ed on ne	xt page

Common abbreviations and terminology continued (all views)

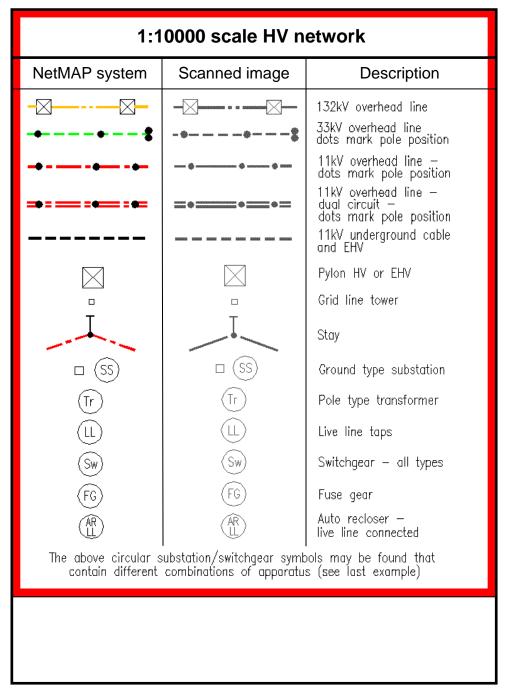
Jumper			
kV kW kVA Link box or LB LSF LV	Connecting lead between open points, section points and overhead plant Kilovolt (or 1,000 Volts) — unit of electrical pressure Kilowatt (1,000 Watts) — unit of electrical power Kilovolt Amps or power Means of connecting LV feeders together using links or fuses Low smoke & fume Low voltage (up to 1,000 Volts incl) Low voltage fuse distribution board Return path of live cable Overhead line Oil filled pole mounted sectionaliser Oil filled pole mounted recloser Pole mounted LV fuse unit Pot end or potential end — joint on cable end Usually the core colour of a cable (caution — may be cross phased) — Red,	PICAS PILC PILSTA PME PMT PMR PT C RMU RN S/C S/S STA T1 or T2 etc T/F or TX Volts	
	Yellow, Blue on old cables, or L1, L2, L3 on new cables, for example	Watts XLPE	Unit of electrical power 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
•	60	H pole Pole



1:2500 scale LV network continued		
NetMAP system	Scanned image	Description
O.R. Stay Ext. Brkt P. Box N.E. O.R. Brkt	O.R. Stay Ext. Brkt P. Box N.E. O.R. Brkt	Outrigger stay Extension bracket Pole box Neutral and earth Outrigger bracket

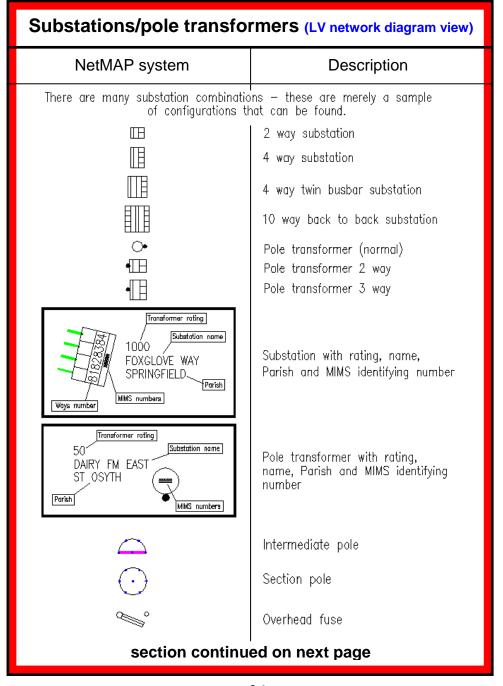


LV network diagram view-for UK Power Networks use only-boxed in red

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 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 田 3 way link box \blacksquare 4 way link box 毌 4 way double busbar link box 4 way BICC link box \blacksquare 5 way link box 6 way link box 6 way double busbar link box TM1215 A two way link box with identification number, connected to ENLARGEMENT: 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 . . .

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



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.

6 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

Inswich

IP3 8AA

plans@ukpowernetworks.co.uk

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

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

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

WHAT TO DO

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



💔 WHAT NOT TO DO

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

(7) 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.



DANGER OF DEATH

YOU DIG

Call the network operator

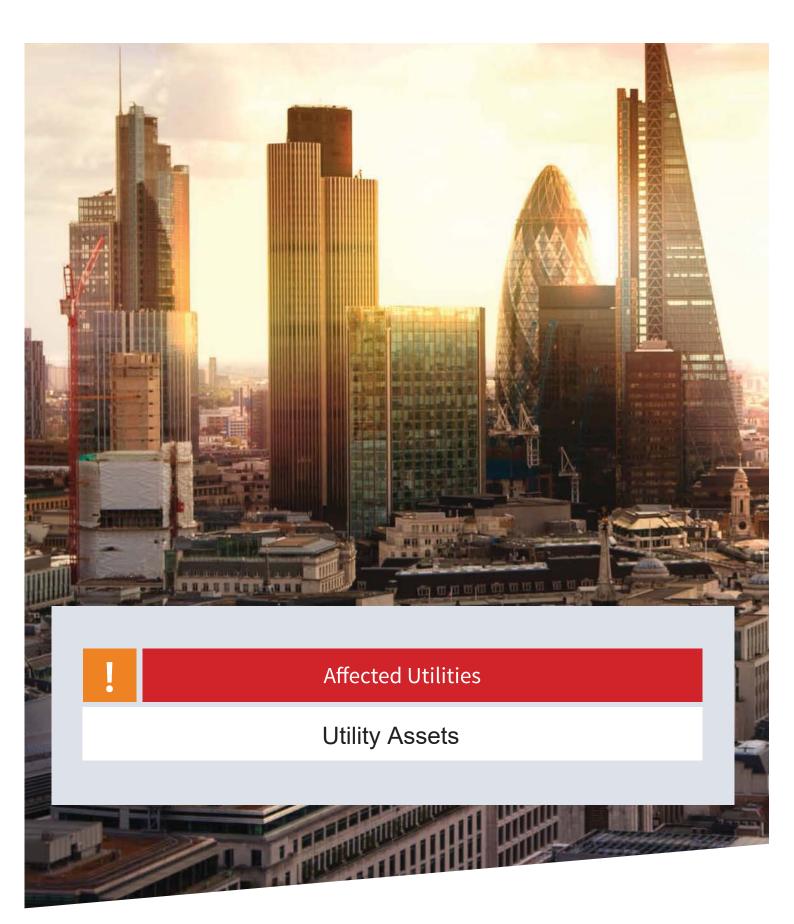
0800 587 3243

www.ukpowernetworks.co.uk

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



Utilities Report







ADVISORY NOTICE

SUPPLIER UPDATE: Utility Assets

On 06/11/2018, an enquiry was sent to Utility Assets' plant record department. As of the date of issue of this Utilities Report, we have not received a formal response from Utility Assets in regards to owning any equipment on this site. Utility Assets have however advised the following:

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

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

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

Asset Manager - Utility Assets Ltd"

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

Terms and Conditions

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

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

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

Utilities Report



From: Plantenquiries <plantenquiries@catelecomuk.com>

Sent: 12 November 2018 16:27 **To:** Utility Solutions GDC Requests

Subject: RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

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



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

From: Utility Solutions GDC Requests [mailto:requests.utilitysolutions@atkinsglobal.com]

Sent: 06 November 2018 12:03

To: Plantenquiries <plantenquiries@catelecomuk.com>; plantenquiries@energetics-uk.com;



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

Plant Enquiries <plantenquiries@energetics-uk.com> From:

Sent: 12 November 2018 19:37 To: **Utility Solutions GDC Requests**

RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond **Subject:**

by 22/11/2018

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

Based on the information provided, I can confirm that Energetics 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@energetics-uk.com

Regards





From: Utility Solutions GDC Requests < requests.utilitysolutions@atkinsglobal.com>

Sent: 06 November 2018 12:03

To: plantenquiries@catelecomuk.com; Plant Enquiries <plantenquiries@energetics-uk.com>;

enquiries@environment-agency.gov.uk; plantenquiries@instalcom.co.uk;

opburiedservicesenquiries@networkrail.co.uk; assetrecords@utilityassets.co.uk;

interoute.enquiries@plancast.co.uk; nrswa@sky.uk; osp-team@uk.verizon.com; National Plant

Enquiry's <OSM.enquiries@atkinsglobal.com>

Subject: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond by 22/11/2018

Our Reference: 70662

Site Name: Site at Brick Lane, Mepal, Ely Works Description: Development Appraisal

Site Grid References: 544152 280502,544241 280538,544036 280486,544217 280619,544122

280385

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



On 15/11/2018 GTT - Vtesse (formerly Interoute Vtesse) plant information system was checked to ascertain if your area of interest is affected by GTT - Vtesse plant. In this instance your area of interest was shown to be 'not affected' by GTT - Vtesse plant.

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

From: Plantenquiries <Plantenquiries@instalcom.co.uk>

Sent: 12 November 2018 18:32 **To:** Utility Solutions GDC Requests

Subject: E11-18-1969 RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely -

Please respond by 22/11/2018

Dear Sir or Madam,

Thank you for your plant enquiry below.

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

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

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

Regards

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

Office: +44 (0)208 731 4613 Fax: +44 (0)208 731 4601

Email: plantenquiries@instalcom.co.uk
Web: http://www.instalcom.co.uk









From: Utility Solutions GDC Requests [mailto:requests.utilitysolutions@atkinsglobal.com]

Sent: 06 November 2018 12:03

To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; enquiries@environmentagency.gov.uk; Plantenquiries < Plantenquiries@instalcom.co.uk >;

opburiedservicesenquiries@networkrail.co.uk; assetrecords@utilityassets.co.uk;

interoute.enquiries@plancast.co.uk; nrswa@sky.uk; osp-team@uk.verizon.com; National Plant

From: Xoufarides Alexis.Xoufarides@networkrail.co.uk> on behalf of OP

Buried Services Enquiries

<OPBuriedServicesEnquiries@networkrail.co.uk>

Sent: 07 November 2018 16:58 **To:** Utility Solutions GDC Requests

Subject: RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

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.

http://www.networkrail.co.uk/aspx/1758.aspx?cd=1

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

Regards,

Alexis Xoufarides

Distribution Co-ordinator, Worksite Survey

Asset Information Services: inspiring & enabling through the power of data

National Records Centre, Audax Road, York YO30 4US

M: 07718 004626

E: alexis.xoufarides@networkrail.co.uk

Network Rail - Working for you

Group Digital Railway Engagement Ambassador



<u>Visit the new AIS Hub site</u> for information, user guides, key contacts, and more on all our services.

AIS Hub is replacing ASD Online and our Connect pages from Monday 3

From: Interoute Enquiries <interoute.enquiries@plancast.co.uk>

Sent: 06 November 2018 17:39

To: Utility Solutions GDC Requests

Subject: RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

This response does not include Vtesse or Easynet plant, please continue to use Vtesse or Easynet details for their enquiries

To whom it may concern

Thank you for your enquiry regarding the above proposals at the above location

We would advise that we are unaware of any Interoute plant or services in this Location as indicated in your enquiry.

We bring to your attention the fact that whilst we try to ensure the information we provide is accurate, the information is provided Without Prejudice and Interoute and its Agents accept no liability for claims arising from any inaccuracy, omissions or errors contained in this response.

All responses are only vaild for 28 days

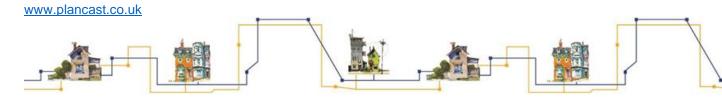
Yours faithfully

PLANCAST Plant Enquiry Department



The Old Haybarn Rosebery Mews, Mentmore Bedfordshire LU7 0UE

T: 01296 662647



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Registered in England and Wales with number 4455025 VAT No. 8567 195 80

From: NRSWA <nrswa.nrswa@sky.uk>
Sent: 07 November 2018 19:59
To: Utility Solutions GDC Requests

Subject: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - 22/11/2018



Thank you for your enquiry.

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

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

Regards

NRSWA Department
Tech UK - Implementation

Sky TECHNOLOGY

nrswa@sky.uk +44 20703232234

From: Utility Solutions GDC Requests [mailto:requests.utilitysolutions@atkinsglobal.com]

Sent: 06 November 2018 12:03

To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; enquiries@environmentagency.gov.uk; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; assetrecords@utilityassets.co.uk; interoute.enquiries@plancast.co.uk; NRSWA <nrswa.nrswa@sky.uk>; osp-team@uk.verizon.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>

Subject: [EXTERNAL] Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond by 22/11/2018

Our Reference: 70662

Site Name: Site at Brick Lane, Mepal, Ely Works Description: Development Appraisal

Site Grid References: 544152 280502,544241 280538,544036 280486,544217 280619,544122

280385

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



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



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

From: UK OSP-Team <osp-team@uk.verizon.com>

Sent: 06 November 2018 19:19 **To:** Utility Solutions GDC Requests

Cc: UK OSP-Team

Subject: RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

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: Utility Solutions GDC Requests [mailto:requests.utilitysolutions@atkinsglobal.com]

Sent: 06 November 2018 12:03

To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; enquiries@environmentagency.gov.uk; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; assetrecords@utilityassets.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk; UK OSP-Team; National Plant Enquiry's

Subject: [E] Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond by 22/11/2018

Our Reference: 70662

Site Name: Site at Brick Lane, Mepal, Ely Works Description: Development Appraisal

Site Grid References: 544152 280502,544241 280538,544036 280486,544217 280619,544122

280385

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 06/11/20018, 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: Ramanikanthan, Jayakanth
Sent: 16 November 2018 13:44
To: Utility Solutions GDC Requests

Subject: RE: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond

by 22/11/2018

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

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, Energis Communications Limited, Thus Group Holdings Plc 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:-

Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered, where apparatus is affected. Where apparatus is affected and requires diversion, you must submit draft details of the proposed scheme with a request for a <a href="mailto:\frac{\text{C3 Budget Estimate"}}{\text{c3 requests@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).



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From: Utility Solutions GDC Requests **Sent:** 06 November 2018 17:33

To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; enquiries@environmentagency.gov.uk; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; assetrecords@utilityassets.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk; ospteam@uk.verizon.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>

Subject: Plant Enquiry - 70662 - Site at Brick Lane, Mepal, Ely - Please respond by 22/11/2018

Our Reference: 70662

Site Name: Site at Brick Lane, Mepal, Ely Works Description: Development Appraisal

Site Grid References: 544152 280502,544241 280538,544036 280486,544217 280619,544122

SearchCode



Important Consumer Protection Information

This search has been produced by Landmark Information Group Ltd, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD.

Tel: 0844 844 9966 Fax: 0844 844 9980 Email: helpdesk@landmark.co.uk

Landmark Information Group Ltd is registered with the Property Codes Compliance Board (PCCB) as a subscriber to the Search Code. The PCCB independently monitors how registered search firms maintain compliance with the Code.

The Search Code:

- Provides protection for homebuyers, sellers, estate agents, conveyancers and mortgage lenders who rely on the information included in property search reports undertaken by subscribers on residential and commercial property within the United Kingdom.
- Sets out minimum standards which firms compiling and selling search reports have to meet.
- Promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals.
- Enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

By giving you this information, the search firm is confirming that they keep to the principles of the Code. This provides important protection for you.

The Code's core principles

Firms which subscribe to the Search Code will:

- Display the Search Code logo prominently on their search reports.
- Act with integrity and carry out work with due skill, care and diligence.
- At all times maintain adequate and appropriate insurance to protect consumers.
- Conduct business in an honest, fair and professional manner.
- Handle complaints speedily and fairly.
- Ensure that products and services comply with industry registration rules and standards and relevant laws.
- Monitor their compliance with the Code.

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 Code.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB

TPOs Contact Details:

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

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

You can get more information about the PCCB from www.propertycodes.org.uk. PLEASE ASK YOUR SEARCH PROVIDER IF YOU WOULD LIKE A COPY OF THE SEARCH CODE

SearchCode



Complaints Procedure

If you want to make a complaint, 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:

Landmark Information Group Ltd Landmark UK Property Imperium Imperial Way Reading RG2 0TD

Tel: 0844 844 9966

Email: helpdesk@landmark.co.uk

Fax: 0844 844 9980

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman Scheme (TPOs):

Tel: 01722 333306 Email: admin@tpos.co.uk

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