

33977 – Grange Farm, Bovington, HP3 0LB  
PAS 128 Type D - Desktop Utility Record Search

**mk**surveys

Client

**Taylor**  
**Wimpey**

03/05/2024

## Project Details

Project Number	Revision	Date	Collated By	Approved By
33977	-	03/05/2024	RD	AC
Site Name			Client	
Grange Farm, Bovington, Hertfordshire, HP3 0LB			Taylor Wimpey	
Grid Reference		Eastings	500872	
		Northings	203184	

## Revisions

Revision	Description	Amended By	Approved By	Date
-	-	-	-	-

This desktop utility record search (survey type D) has been undertaken in accordance with the standards set out in the PAS 128:2014 document published by BSI. Local knowledge and historical private record sources are also invaluable to ensuring that as complete a search as possible is provided, should you be aware of any further sources of information, please provide contacts for us to pursue further. The results of this search are not infallible and it is strongly recommended that a detection survey is undertaken to verify the information contained within this report. For further information please contact MK Surveys.

[LAND](#) • [BUILDINGS](#) • [UTILITIES PAS128](#) : [surveys4BIM](#) • [3D Laser Scanning](#) • [Mobile Mapping](#) • [HDR Imaging](#) • [GIS](#) • [CCTV](#) • [Railways](#) • [Monitoring](#)

Directors: Stuart Dimond, David Rust & Daniel Grigg • Registered Office: Milton Keynes Surveys Ltd. 1 Potters Lane, Kiln Farm, Milton Keynes, MK11 3HE • Company Reg No: 04674301



Established 1972

Registered office in Milton Keynes is the location certified for ISO 9001 by DNV-GL. Note, our management systems are run for all sites through our registered office



## PAS 128:2014 Guidelines

The below table is guidance relating to the process for utility detection, location and verification as set out by the PAS 128:2014 document. This document fulfils all the criteria for a survey type D – desktop utility records search. For more information relating to the other survey types please contact MK Surveys for further information.

Figure 1 – PAS 128 process flowchart



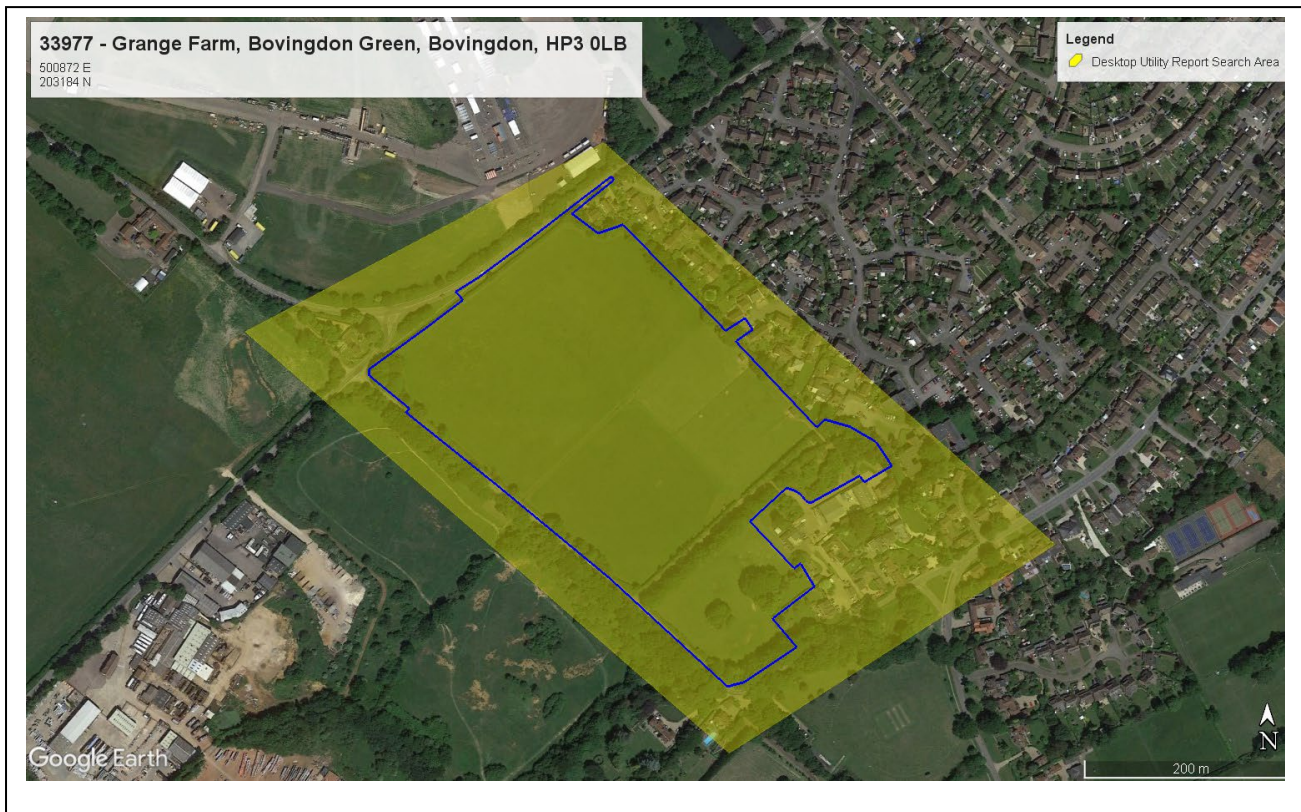
## Attachments

Affected Statutory Undertakers		
Undertakers Name	Service Type	Date Received
UK Power Networks	Electricity	09/04/2024
Cadent	Gas	09/04/2024
Openreach	Telecom	09/04/2024
Affinity Water	Water (Clean)	09/04/2024
Thames Water	Water (Waste)	11/04/2024
Virgin Media	CATV	09/04/2024
BPA	Tunnels & Pipelines	24/04/2024
LineasearchbeforeUdig	Tunnels & Pipelines	09/04/2024

Non-Affected Statutory Undertakers		
Undertakers Name	Service Type	Date Received
BskyB Telecommunications	Communications	09/04/2024
Cityfibre	Communications	03/05/2024
Colt	Communications	24/04/2024
Mast Data	Communications	09/04/2024
Verizon	Communications	15/04/2024
Vodafone Ltd	Communications	10/04/2024
GTC	New Installations	03/05/2024
Network Rail	Transport	08/04/2024
Environment Agency	Tunnels & Pipelines	09/04/2024

No Response Received from Statutory Undertakers		
Arelion	Communications	N/A
euNetworks	Communications	N/A
Engie (Selected Areas Only)	Communications	N/A
OCU Group	Communications	N/A
Crossrail 2	Transport	N/A
LUL HV Power Assets	Transport	N/A
London Underground (incl. DLR and Crossrail 1)	Transport	N/A
Trafficmaster	Transport	N/A
Transport for London	Transport	N/A

## Location Plan



Map data ©2024 Google

## Cautionary Notes

1. As per the guidelines stated within the PAS 128:2014 record plans older than 90 days are classed as historical. It is not advised to rely upon the information contained within this report after a period of 90 days.
2. All record information is indicative only and should be confirmed by detection methods wherever possible.
3. 'Pot-ended' cables are not always shown on record plans.
4. Only public services are generally shown on the record plans. It remains possible that there are additional privately owned pipes, ducts and cables within the search area. Therefore, you should:
  - a. Assume all buildings have gas, clean and waste water, electricity, and telecom connections unless proven otherwise.
  - b. Services to all buildings should be assumed live until proven otherwise regardless of its age, condition or state of vacancy.
  - c. All parcels of land (public and private) regardless of vacancy or current state should be deemed to have live services contained within it unless proven otherwise.
5. All utilities shown on the plans should be considered live unless confirmed otherwise by client or service provider.
6. MK Surveys cannot confirm when utilities are redundant unless there is visual or record evidence to indicate this.
7. MK Surveys cannot guarantee being able to identify all providers who have apparatus within the vicinity.
8. It should be noted that the completeness and accuracy of the records cannot be guaranteed.
9. The responsibility for avoiding damage to assets and utilities on site shall be that of the persons proposing to excavate within the surveyed area, who shall be liable to the asset owner and any third party who may be affected in any way for any loss or damage.

ELECTRICITY

Our Ref: 33038837      Your Ref: 33977

Tuesday, 09 April 2024

Rachel Dyson  
1 Potters Lane Kiln Farm  
Milton Keynes  
BKM  
MK11 3HE

Dear Rachel Dyson

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

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

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

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

Plan Provision  
0800 056 5866



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

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

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

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

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

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





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

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

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

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





# Network Records NetMAP Symbols Booklet - East of England

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

**Version 1.2**

Released October 2010

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

## Index:-

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



## Guidance notes.

### **Important notice:**

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

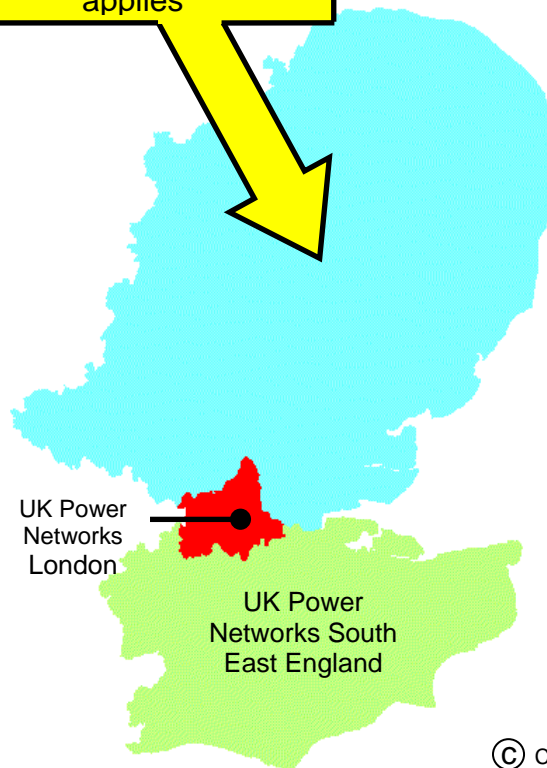
- The position of apparatus shown on NetMAP is believed to be correct, but the original landmarks may have altered since the apparatus was installed.
- It must be assumed that there is at least one service to each property, lamp column, street sign etc.
- All cables must be treated as live, unless proven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



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

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











**UK Power Networks  
East of England.**  
This is the only area  
where this document  
applies










© Crown Copyright

## 1:500 view - underground network









### Scenery









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

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


NetMAP system	Scanned image	Description
 Inset Network – Contact xxxx IDNO for further information	Not applicable	Area of inset network - not the asset of UK Power Networks (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Proposed Cross Rail route (only visible to UK Power Networks and their immediate contractors)
	Not applicable	High pressure pipelines in the general vicinity (only visible to UK Power Networks and their immediate contractors)
<p>Note: Pipelines are only viewable on NetMAP by UK Power Networks staff and their immediate contractors. Do not carry out any excavation without consent from the relevant agency - legally protected high pressure petroleum products pipeline route in the general vicinity - consult <a href="http://www.linewatch.co.uk">www.linewatch.co.uk</a> for contacts and guidance. Pipeline contact numbers can also be found on the intranet – out of hours, contact our Control Centre.</p>		
	Not applicable	Water - surface water (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 1 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 2 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 3 (only visible to UK Power Networks and their immediate contractors)

section continued on next page

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

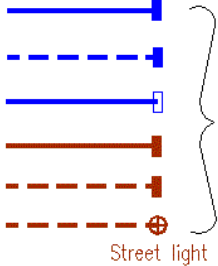
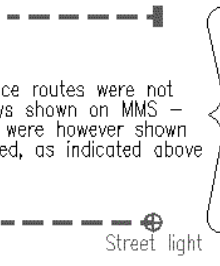
Scenery for UK Power Networks use only - boxed in red		
NetMAP system	Scanned image	Description
	Not applicable	Nature - Local Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Nature Reserve (only visible to UK Power Networks and their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

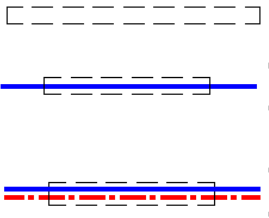
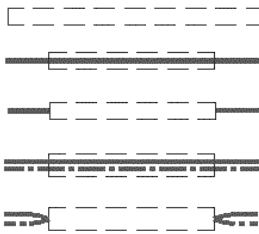
### Primary distribution cables (1:500 view)

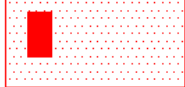
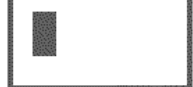























NetMAP system	Scanned image	Description
		Over 33kV and up to 132kV
		Over 11kV and up to 33kV

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




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

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

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

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

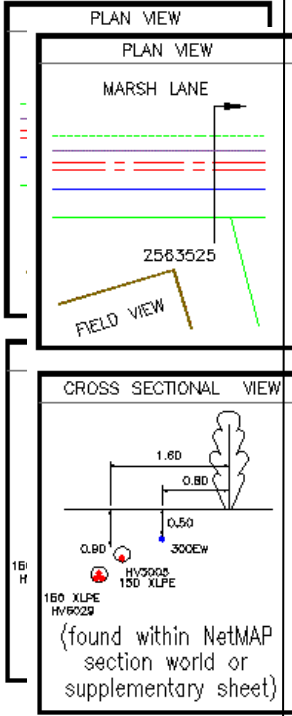
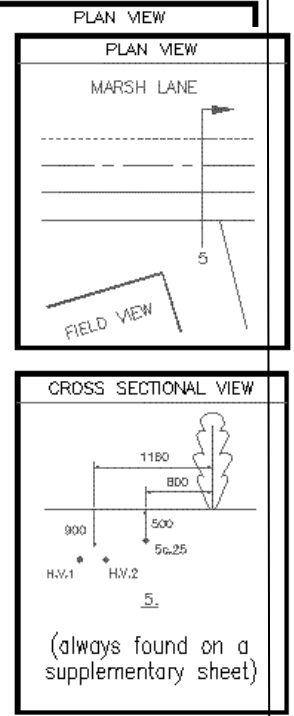
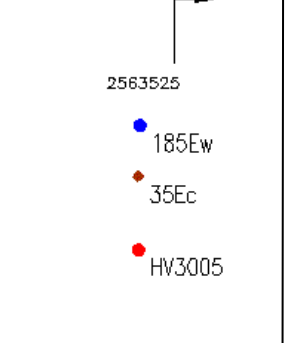
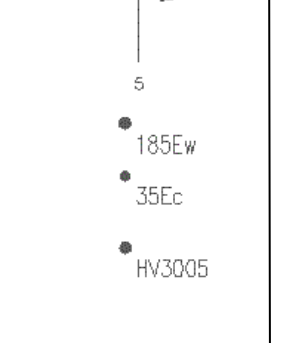
section continued on next page

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

Mains joints (1:500 view)		
NetMAP system	Scanned image	Description
(voltage indicated by colour/line-style)		
		Straight joint
		Crutch joint
		Straight crutch joint
		Pot end
		Pot end – on one of several cables – single line representation
		Branch joint/pot end – (humpty back joint, back to back joint, bull nose joint or stub joint)
		Sleeve repair or repair joint
		Cut end
		Capped end
		Tee joint
	NetMAP/vector only	Sicame joint box



























Service joints (1:500 view)		
NetMAP system	Scanned image	Description
Please note that 3 phase services are shown blue, and single phase services are shown brown		
		Straight joint
		Service joint to main
		Pot end

## Cross sections (1:500 view)

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

section continued on next page

## Cross sections continued (1:500 view)

NetMAP system	Scanned image	Description
 HV3005	 HV3005	<p>HV cable – modern EPR, Plam and Triplex with route number annotation</p>
		<p>Pilot cable</p>
 HV1023	 HV3005	<p>33kV cable</p>
 HV3005	 HV3005	<p>132kV cable</p>
		<p>Single duct</p>
		<p>6 way duct formation – irrespective of duct type and material, all are displayed similarly</p>
		<p>Protective slab</p>
		<p>Tiles</p>
		<p>Concrete slabs</p>
		<p>33kV fibre warning board</p>
		<p>Steel plate</p>
	 T/T	<p>Plastic tile tape</p>
 Timber		<p>Timber</p>



## Common abbreviations and terminology (all views)

Abbrev.	Description	Abbrev.	Description
1c	Single core	Cut out or C/O	Meter/main fuse position
1ph	Single phase	cx	Triplex (copper)
2c	Two core	DE	Direct earth
3c	Three core	DSTA	Double steel tape armoured
3ph	Three phase	Ea	Alpex cable
ABC	Aerial bunched (bundled) conductor (modern LV overhead line)	EFI	Earth fault passage indicator
ABI	Air break isolator (no fuses)	EHV	Extra high voltage (11,001 Volts and over)
ABSD	Air break switch disconnecter	ELCB	Earth leakage circuit breaker
ACCS	Aluminium concentric copper sheathed	ELT	Earth leakage trip
Al	Aluminium	EPR	Ethylene propylene rubber
AR	Auto recloser	Ew	Waveform cable
ASL	Automatic sectionalising links	E/W	Earthenware duct or earth wire
ax	Triplex (aluminium) 2 x 22mm AL PVC (example) Duplex 3 x 22mm AL PVC (example) Triplex	Fdr or Feeder	LV or HV cable fed by or feeding a substation
CB	Circuit breaker	F/G	Fuse gear
c/c	Concentric cores	F/P	Feeder pillar
ccc	Compact covered conductor	GRP	Fibreglass substation
CCT	Circuit	GVR	Gas vacuum recloser or pole mounted circuit breaker
CNE	Combined neutral and earth	HV	High voltage (1,001 – 11,000 Volts incl)
Cross phased	The core colour may be different to originating transformer phasing	HYBRID	Modern plastic cable with mixed conductor material (Al/Cu)
CS	Consac	Insulation	Electrically protective material surrounding a conductor
CSE	Cable sheath earth	Insulator	Porcelain or glass overhead line support (on poles)
Cu	Copper	ITC	Instrument traced cable or ITC - cable traced electronically using Cable Avoidance Tool (CAT) or similar

section continued on next page

## Common abbreviations and terminology continued (all views)

Abbrev.	Description	Abbrev.	Description
Jumper	Connecting lead between open points, section points and overhead plant	PICAS	Paper insulated corrugated aluminium sheath armoured
kV	Kilovolt (or 1,000 Volts) – unit of electrical pressure	PILC	Paper insulated lead covered
kW	Kilowatt (1,000 Watts) – unit of electrical power	PILSTA	Paper insulated lead covered steel tape armoured cable
kVA	Kilovolt Amps or power	PL	Plain lead or public lighting
Link box or LB	Means of connecting LV feeders together using links or fuses	PME	Protected multiple earth or CNE
LSF	Low smoke & fume	PMT	Pole mounted transformer
LV	Low voltage (up to 1,000 Volts incl)	PMR	Pole mounted recloser (generic term for OYT/GVR)
LV Pillar	Low voltage fuse distribution board	PT	Pole transformer
Neutral	Return path of live cable	PVC	Polyvinyl chloride
O/H or OHL	Overhead line	RMU	Ring main unit
OYS	Oil filled pole mounted sectionaliser	RN	Reduced neutral
OYT	Oil filled pole mounted recloser	s/c	Split concentric or single core
PC400	Pole mounted LV fuse unit	S/L	Street light
PE	Pot end or potential end – joint on cable end	S/S	Substation
Phase	Usually the core colour of a cable (caution – may be cross phased) – Red, Yellow, Blue on old cables, or L1, L2, L3 on new cables, for example	STA	Steel tape armoured
		SWA	Steel wire armoured
		T1 or T2 etc	Substation TX setup where more than one TX exists
		T/F or TX	Transformer
		Volts	Unit of electrical pressure
		Watts	Unit of electrical power
		XLPE	Cross linked polyethylene

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

## General

NetMAP system	Scanned image	Description
		H pole
		Pole

## 1:2500 scale LV network

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

section continued on next page

### 1:2500 scale LV network continued

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






### 1:10000 scale HV network

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












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

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





### Overhead lines

NetMAP system	Description
	Unknown
	Al
	Cu
	ABC
	Pole link








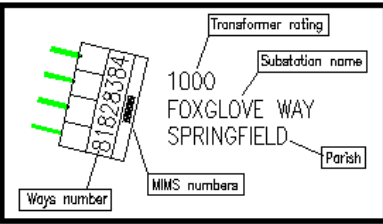
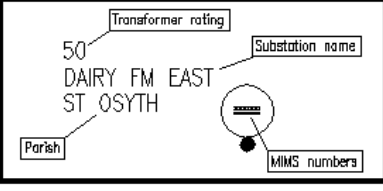



## Underground cables (LV network diagram view)

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

## Joints (LV network diagram view)

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

## Substations/pole transformers (LV network diagram view)

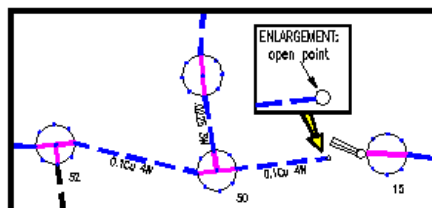
NetMAP system	Description
<p>There are many substation combinations – these are merely a sample of configurations that can be found.</p> 	2 way substation
	4 way substation
	4 way twin busbar substation
	10 way back to back substation
	Pole transformer (normal)
	Pole transformer 2 way
	Pole transformer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

section continued on next page

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

### NetMAP system

### Description



Overview – the purple lines through the section poles are pole links – these indicate how the network is linked together



2 way link box



3 way link box



4 way link box



4 way double busbar link box



4 way BICC link box



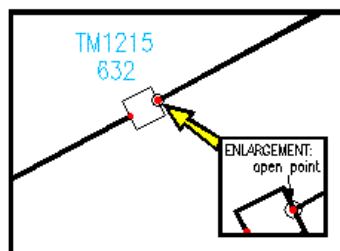
5 way link box



6 way link box



6 way double busbar link box

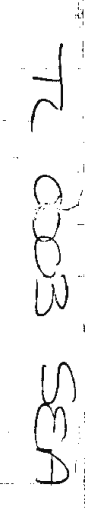


A two way link box with identification number, connected to a cable with an open point



Feeder pillars – these range from 2 ways through to 9 ways – a 9 way and a 2 way are shown as examples

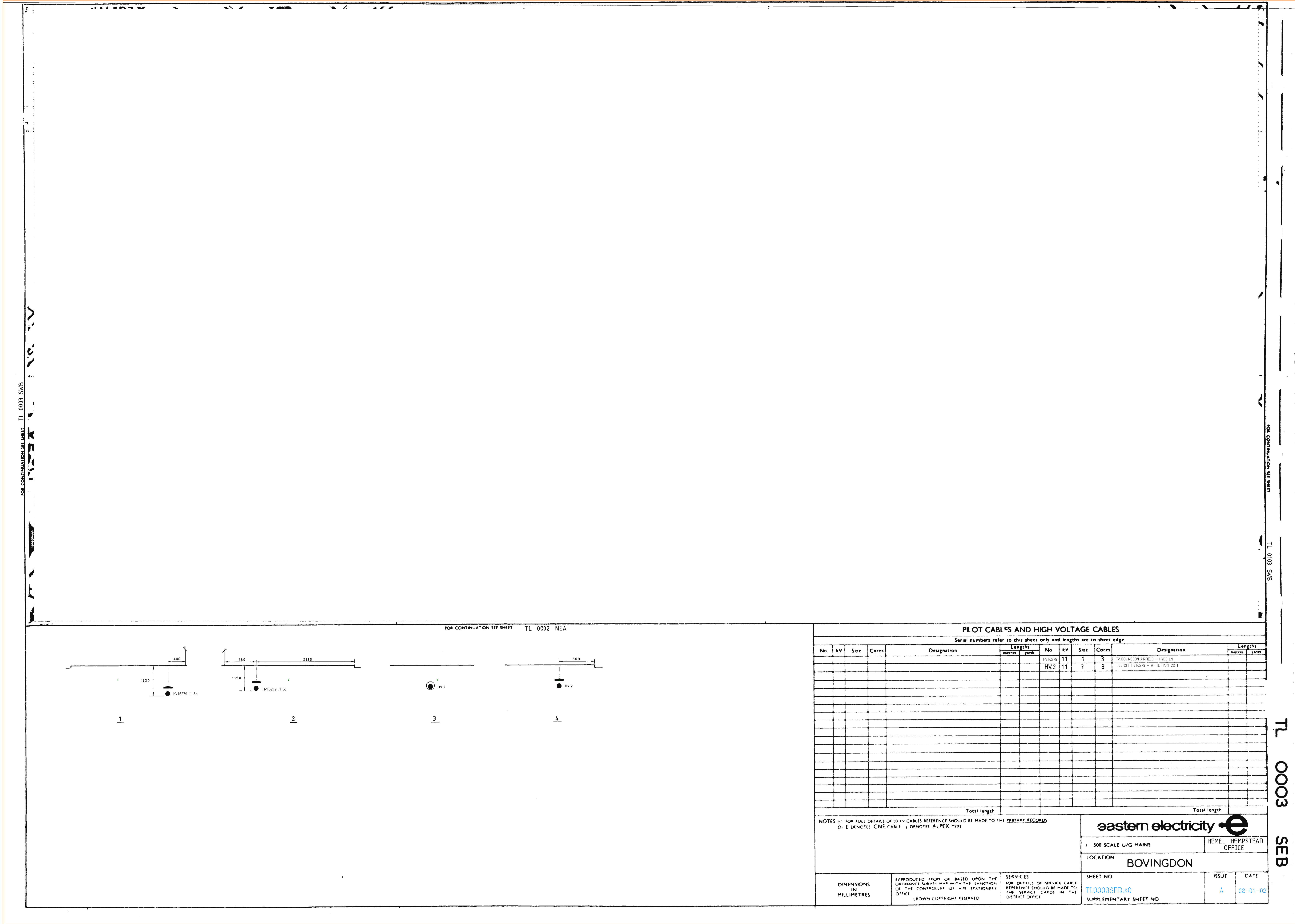




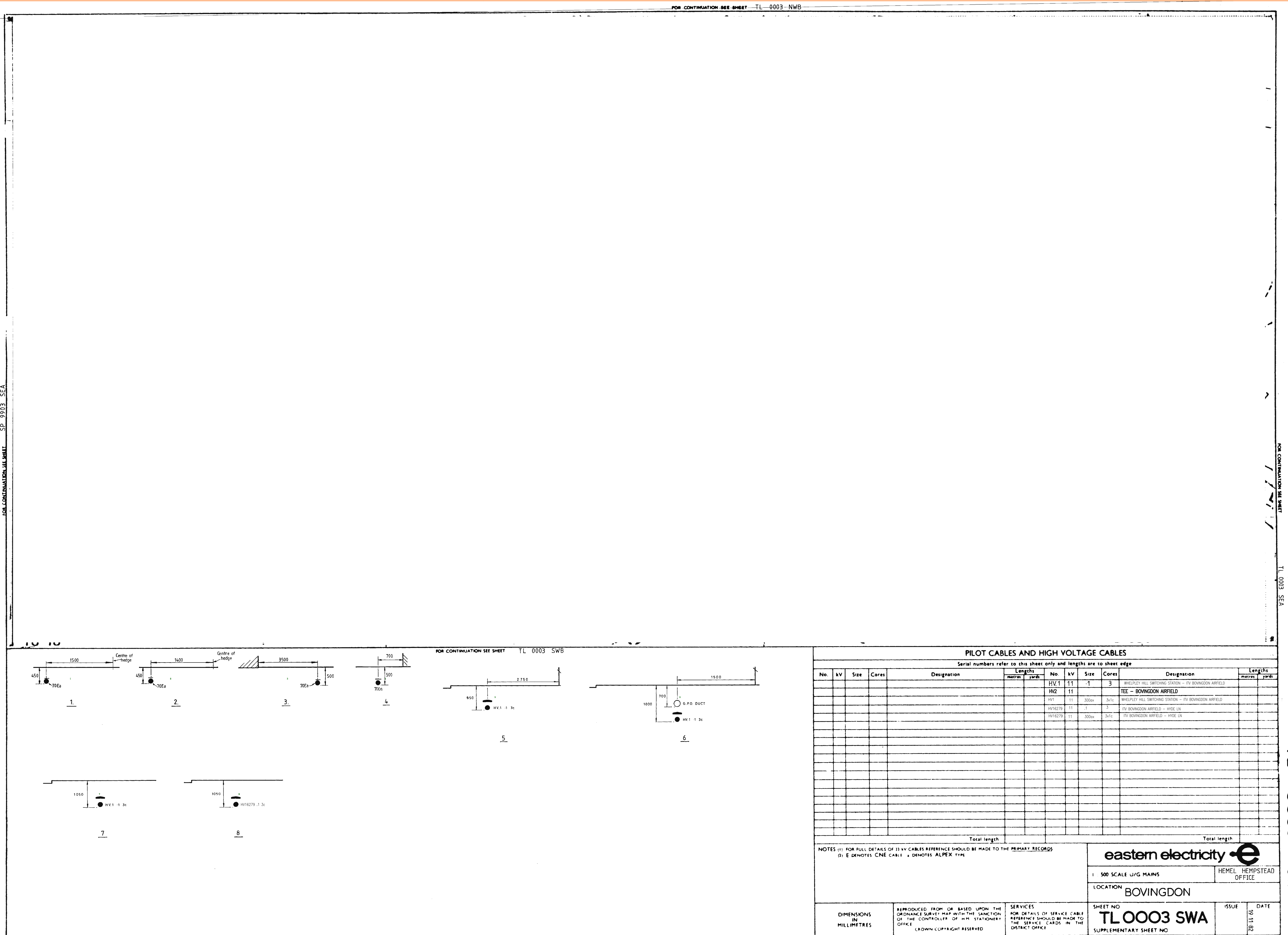


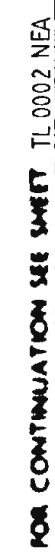
TL0003SEB 1:500 LV

s0

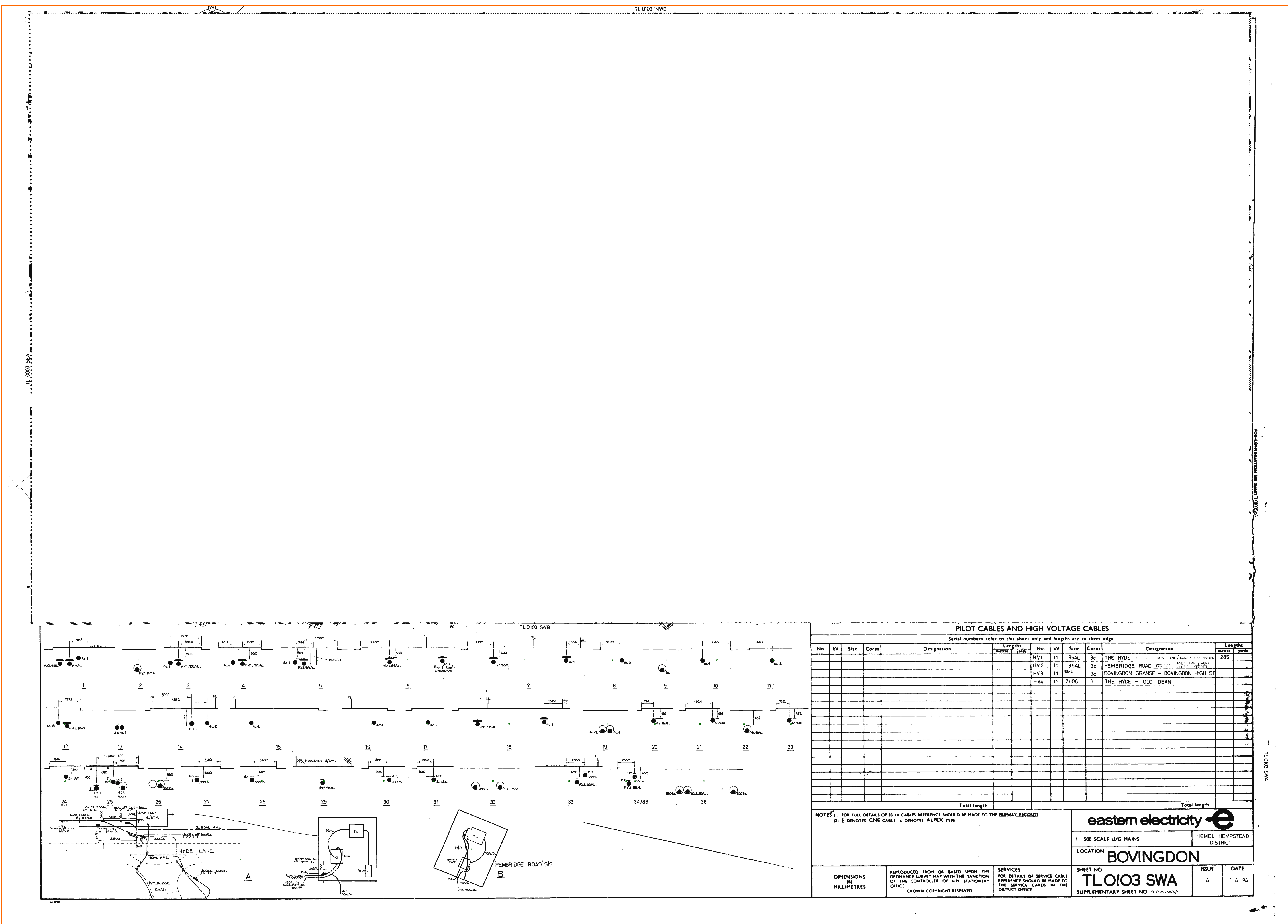




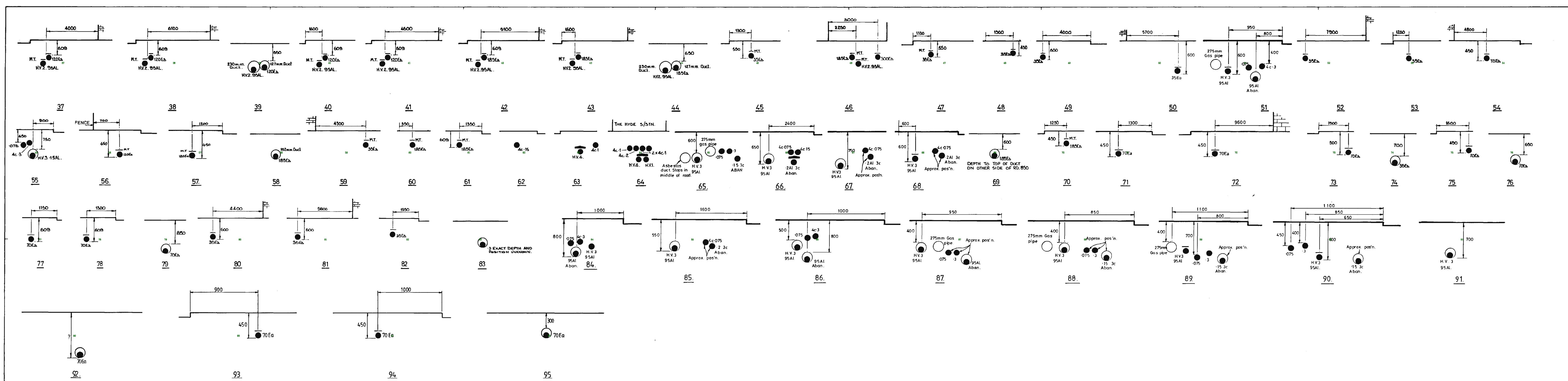




100






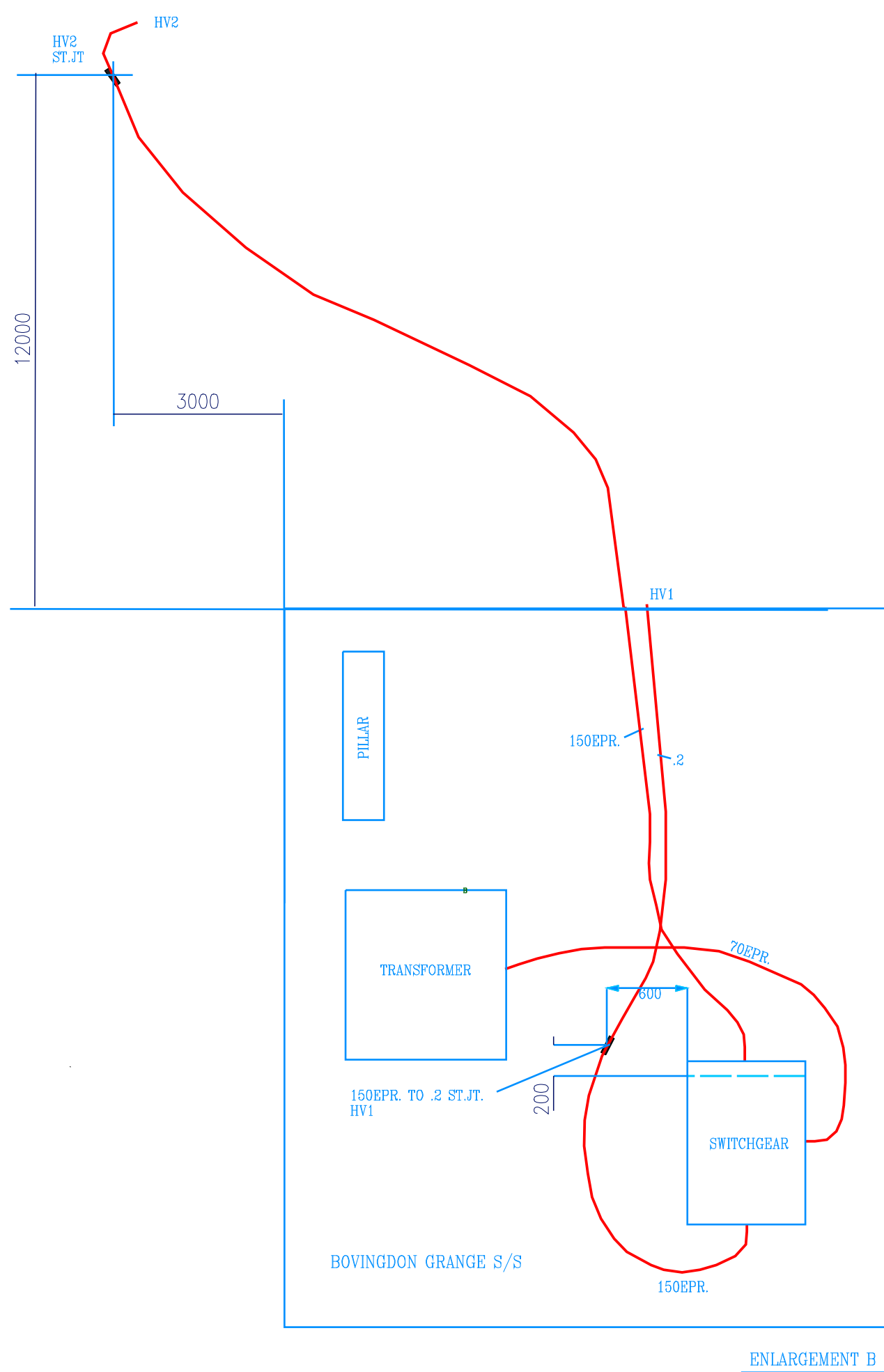
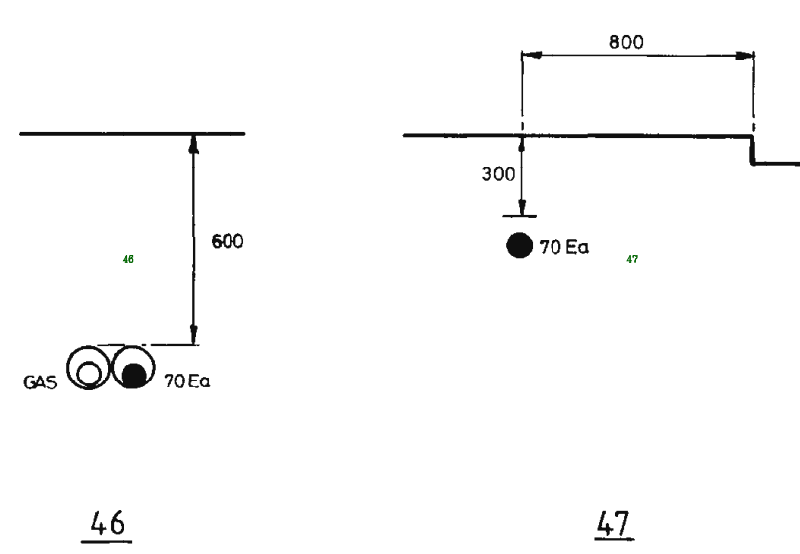


REPRODUCED FROM OR BASED UPON THE  
ORDNANCE SURVEY MAP WITH THE SANCTION  
OF THE CONTROLLER OF H.M. STATIONERY  
OFFICE  
CROWN COPYRIGHT RESERVED


SERVICES  
FOR DETAILS OF SERVICE CABLE  
REFERENCE SHOULD BE MADE TO  
THE SERVICE CARDS IN THE  
DISTRICT OFFICE

eastern electricity 	
SCALE N.T.S.	HEMEL HEMPSTEAD DISTRICT
LOCATION <b>BOVINGDON GRANGE</b>	
SHEET NO. <b>TL O103 SWA/I</b>	ISSUE DATE 11-11-99
SUPPLEMENTARY SHEET NO.	

[illegible]

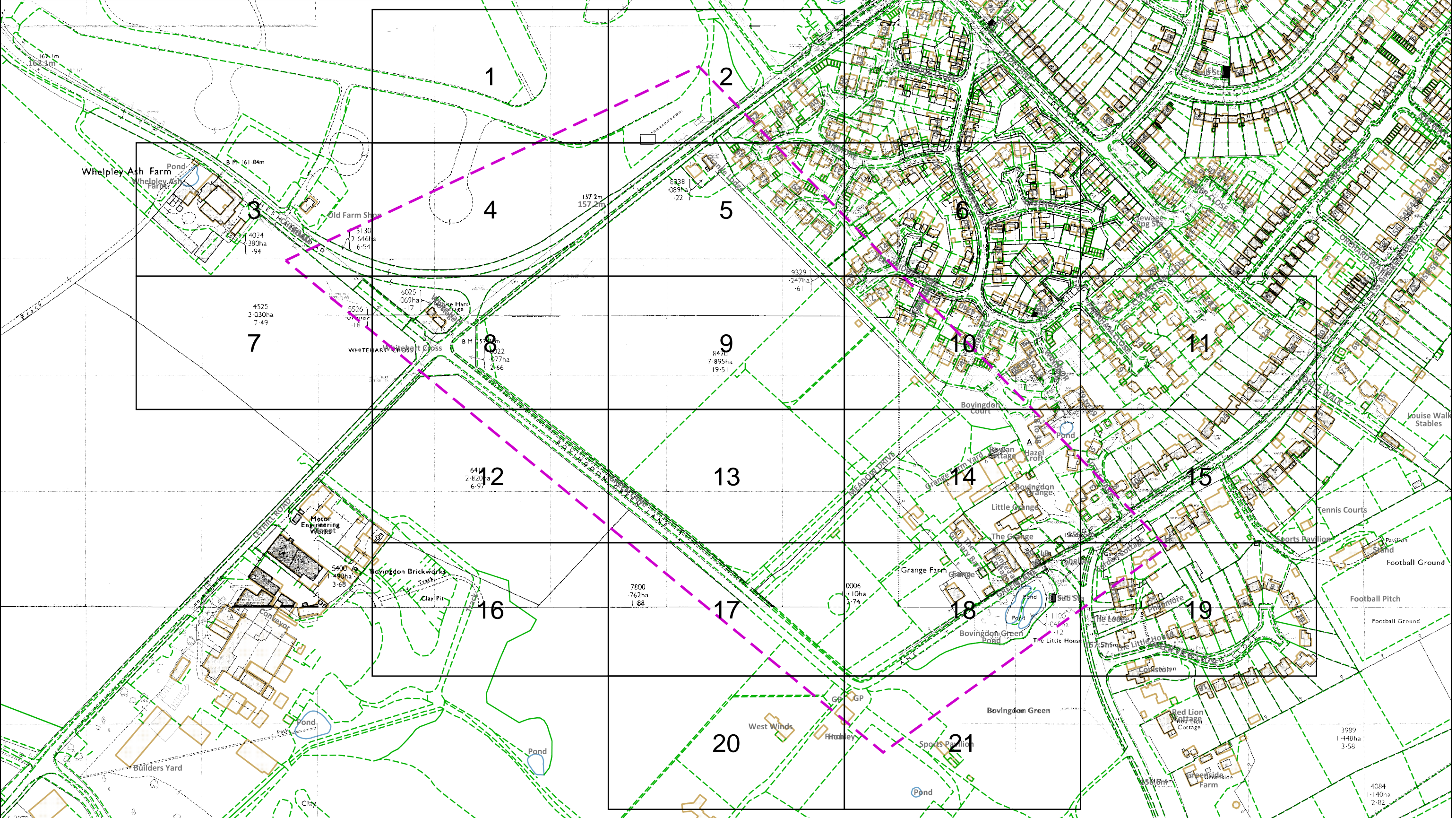


REPRODUCED FROM OR BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE. CROWN COPYRIGHT RESERVED.	SERVICES FOR DETAILS OF CABLE SERVICE REFERENCE SHOULD BE MADE TO THE SERVICE CARDS IN THE DISTRICT OFFICE.	SHEET NO. TL0103SWB.s1		ISSUE A	DATE 11-11-07
		SUPPLEMENTARY SHEET NO.			

eastern electricity 	
SCALE	N.T.S.
LOCATION	BOVINGDON
SHEET NO.	TL0103SWB.s1
SUPPLEMENTARY SHEET NO.	

TL 0103 SWB/1





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

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:3075 (When plotted at A3)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.

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



3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.

4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.

5. All cables must be treated as being live unless proved otherwise by UK Power Networks.

6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.

7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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.


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

2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.


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

4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.


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



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



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

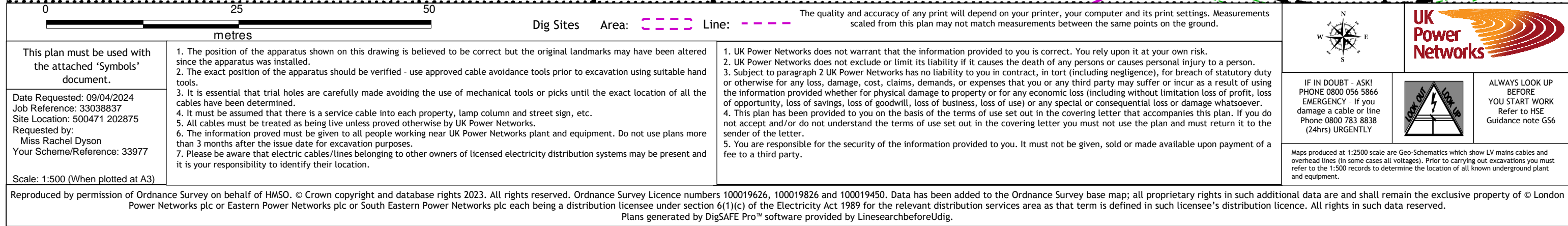


Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.

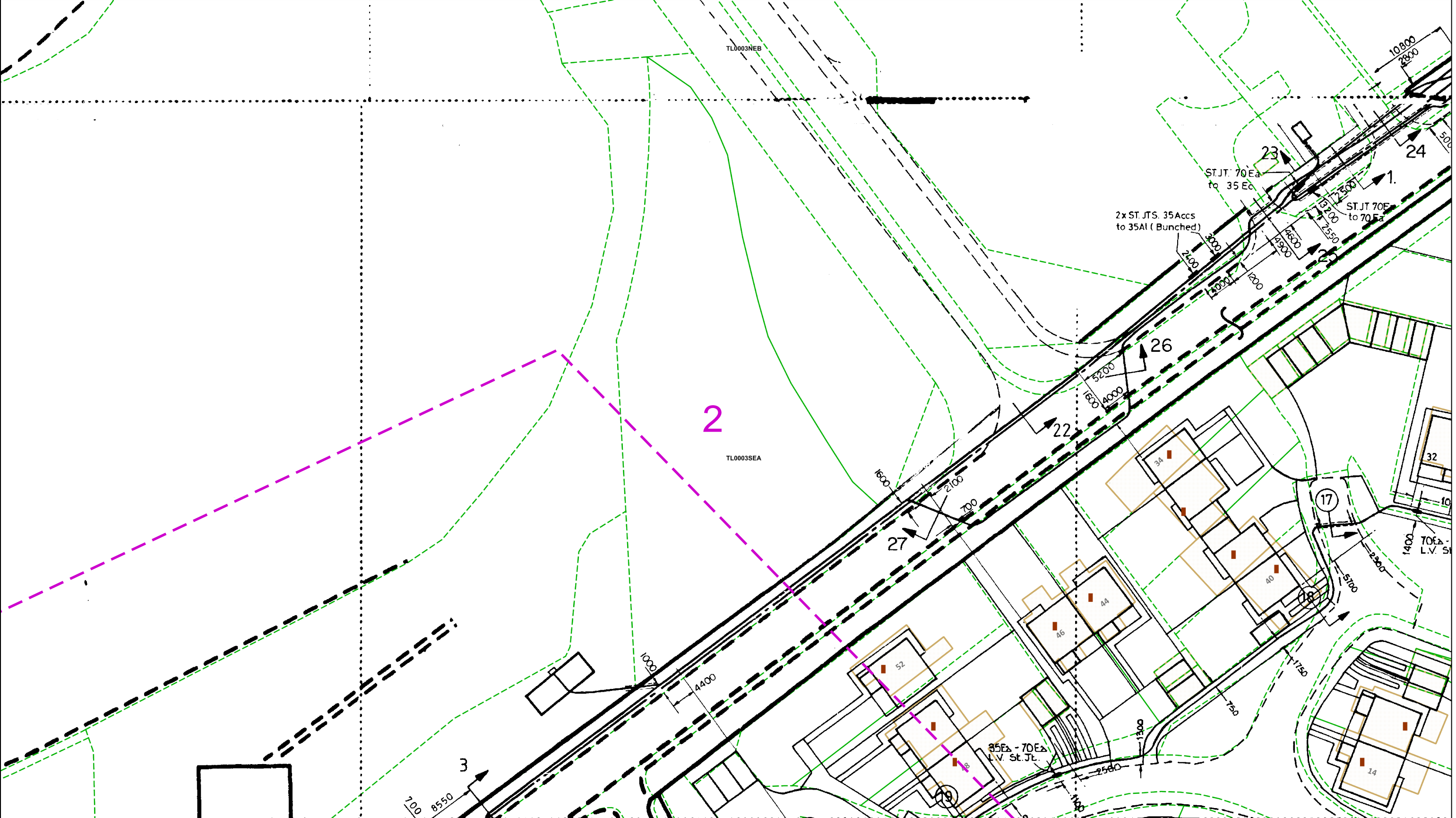
Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.

Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.









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

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.

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

3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.

4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.

5. All cables must be treated as being live unless proved otherwise by UK Power Networks.

6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.

7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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

2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.

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

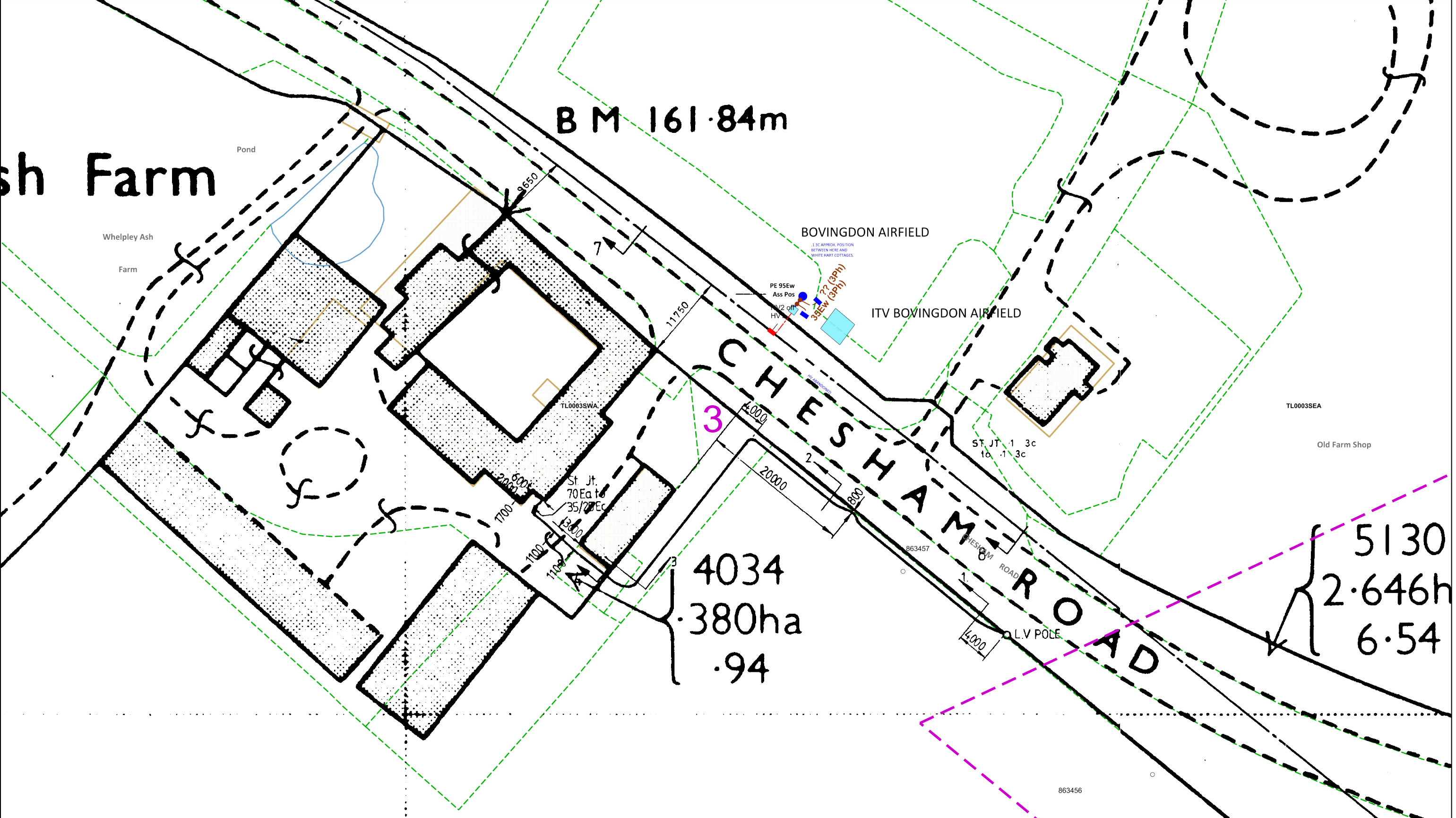
4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.

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

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

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

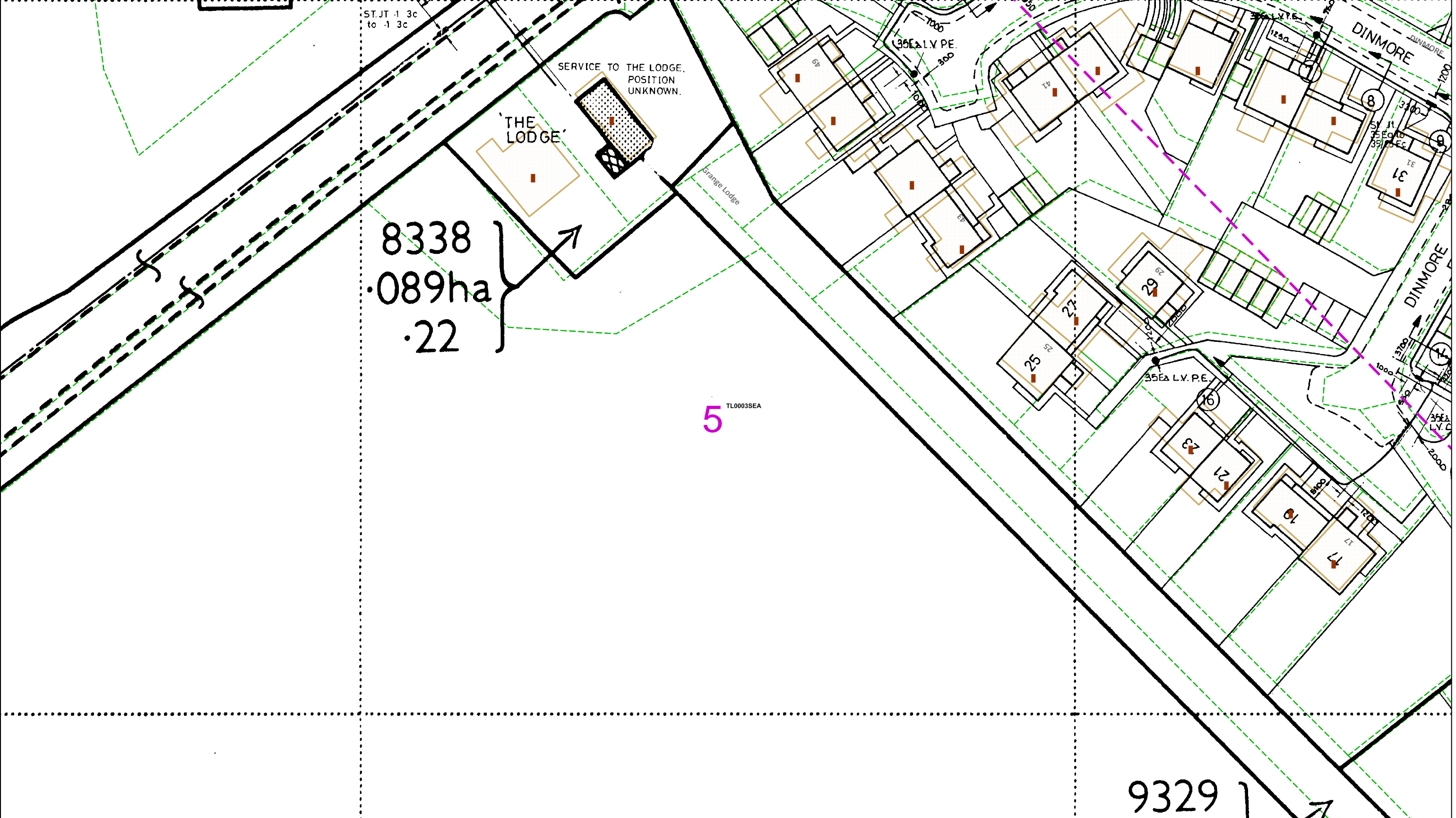
Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.



<p>0 25 50</p> <p>metres</p>		<p>Dig Sites Area:  Line: </p> <p>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.</p>		<p>IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p>		<p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p>	
<p>This plan must be used with the attached 'Symbols' document.</p>		<p>1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed. 2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools. 3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined. 4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc. 5. All cables must be treated as being live unless proved otherwise by UK Power Networks. 6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes. 7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</p>		<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk. 2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person. 3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever. 4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter. 5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.</p>		<p>Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.</p>	
<p>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500471 202875 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</p> <p>Scale: 1:500 (When plotted at A3)</p>							
<p>Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.</p> <p>Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.</p>							







02550metres

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

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

Dig SitesArea: Line:

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

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

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

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

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

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.  
Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.



0 25 50 metres

Dig Sites Area: Line:

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

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

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by: Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

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

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

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

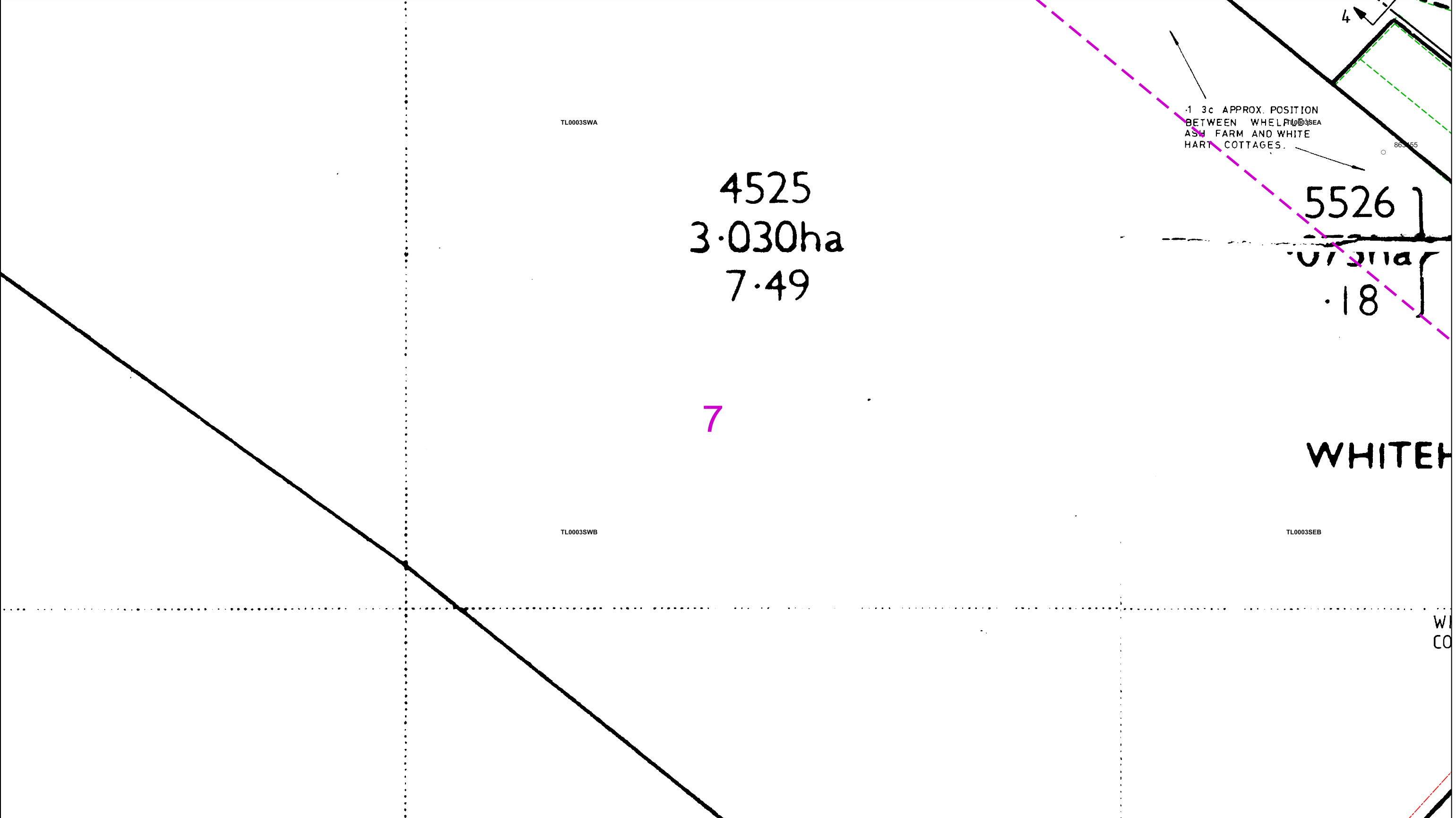
ALWAYS LOOK UP BEFORE YOU START WORK  
Refer to HSE Guidance note GS6

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

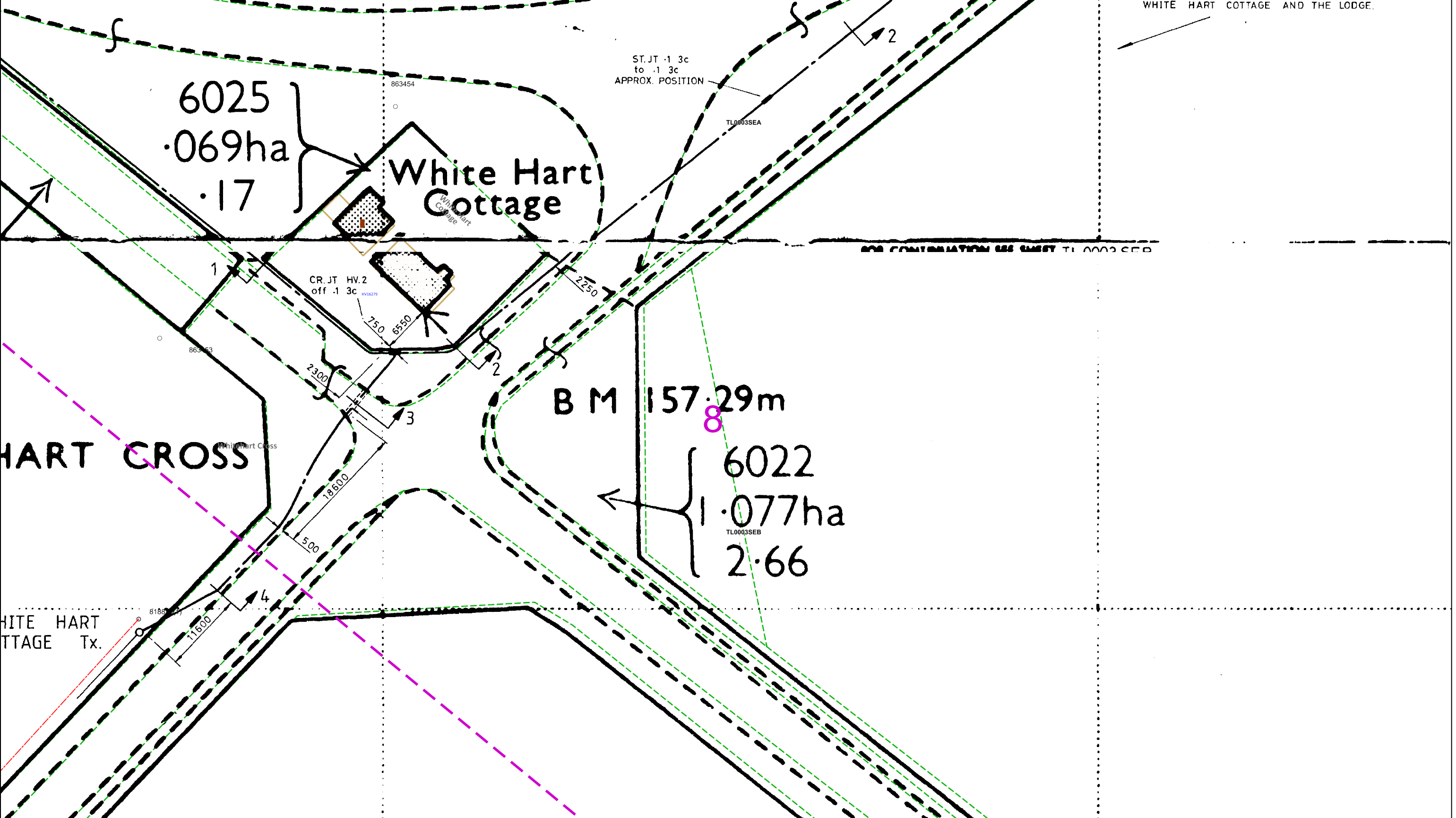
Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 61(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.

Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.

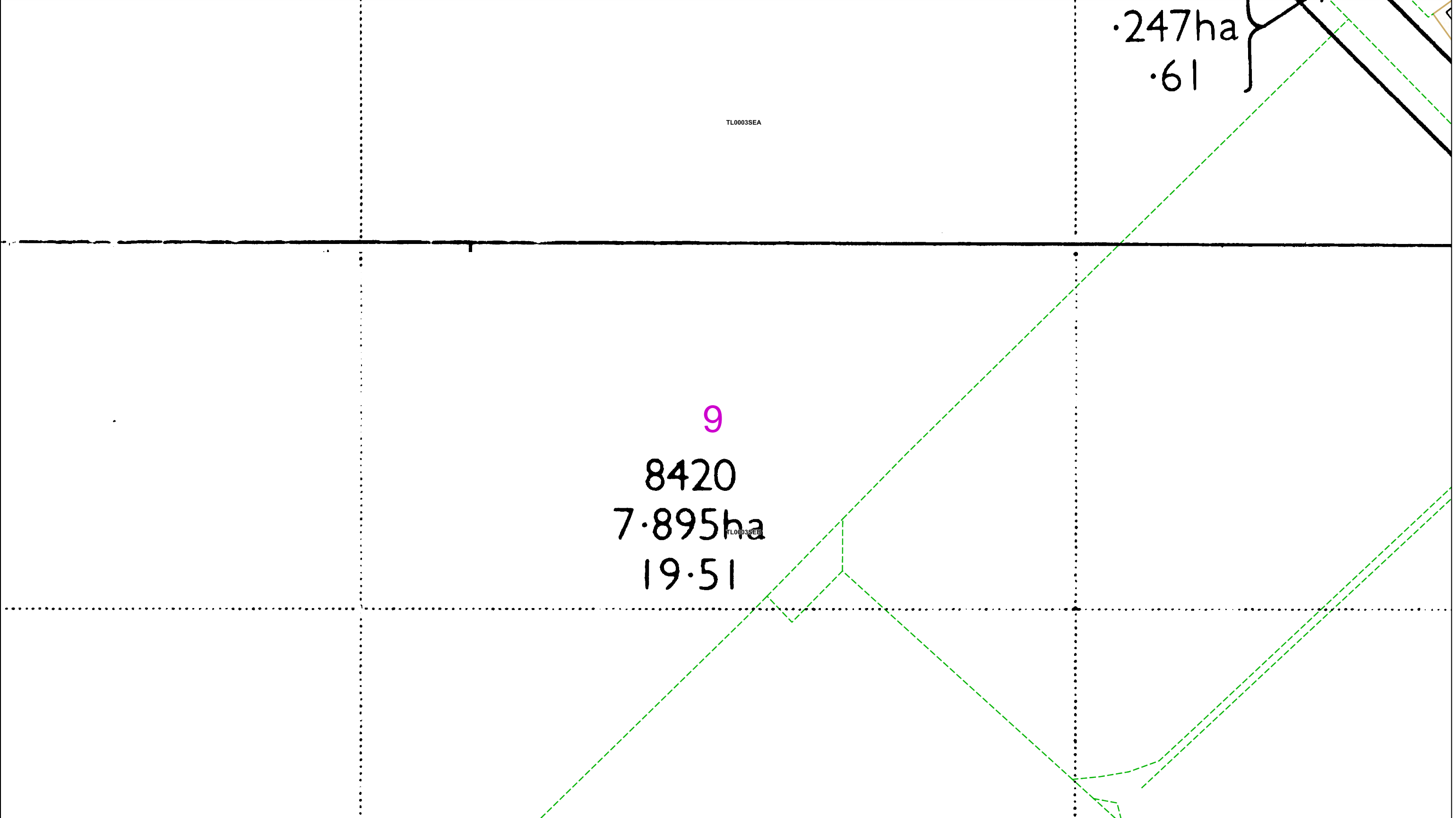




<div>02550metres</div> <div>Dig SitesArea: [dashed magenta box] Line: [dashed magenta line]</div> <div>The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.</div>		<div></div> <div></div>
<div>This plan must be used with the attached 'Symbols' document.</div> <div>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500471 202875 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977  Scale: 1:500 (When plotted at A3)</div>	<div>1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed. 2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools. 3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined. 4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc. 5. All cables must be treated as being live unless proved otherwise by UK Power Networks. 6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes. 7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</div>	<div>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk. 2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person. 3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever. 4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter. 5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.</div>
<div>Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved. Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.</div>		



<p>This plan must be used with the attached 'Symbols' document.</p> <p>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500471 202875 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</p> <p>Scale: 1:500 (When plotted at A3)</p>		<p>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.</p> <p>2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.</p> <p>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.</p> <p>4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.</p> <p>5. All cables must be treated as being live unless proved otherwise by UK Power Networks.</p> <p>6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.</p> <p>7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</p>	<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.</p>	<p>IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p>	<p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p>
<p>Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.</p> <p>Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.</p>					



02550metres

Dig Sites

Area: □□□□ Line: ----

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

This plan must be used with the attached ‘Symbols’ document.

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977  
  
Scale: 1:500 (When plotted at A3)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.

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

3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.

4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.

5. All cables must be treated as being live unless proved otherwise by UK Power Networks.

6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.

7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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

2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.

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

4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.

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

UK Power Networks

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

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

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

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee’s distribution licence. All rights in such data reserved.  
Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.





02550metres

Dig Sites

Area: Line:

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

Date Requested: 09/04/2024

Job Reference: 33038837

Site Location: 500471 202875

Requested by: Miss Rachel Dyson

Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.

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

3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.

4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.

5. All cables must be treated as being live unless proved otherwise by UK Power Networks.

6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.

7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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

2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.

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

4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.

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

UK Power Networks

IF IN DOUBT - ASK! PHONE 0800 056 5866

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

ALWAYS LOOK UP BEFORE YOU START WORK

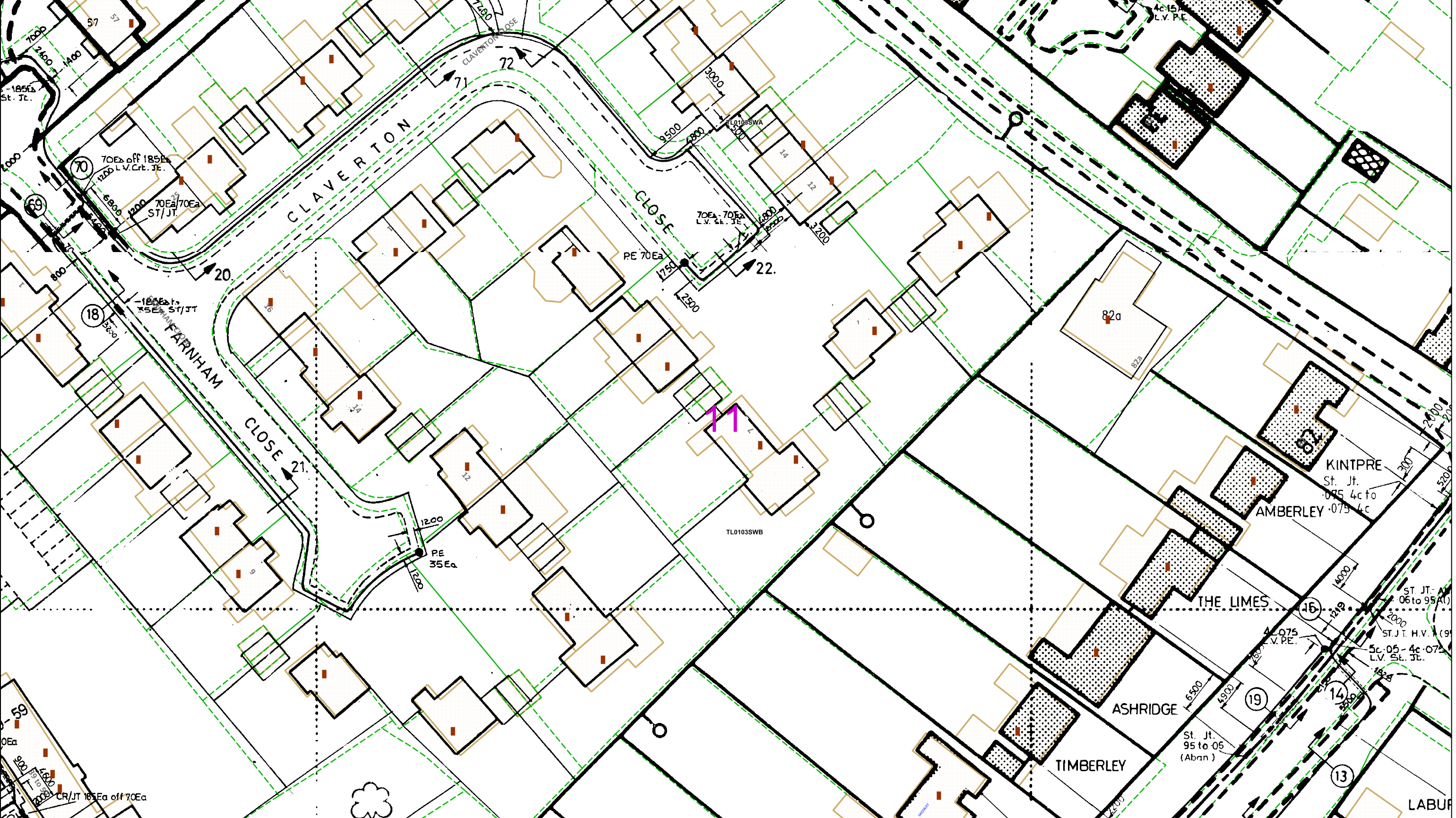
Refer to HSE Guidance note GS6

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

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.

Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.





0 25 50

metres

Dig Sites Area: Line:

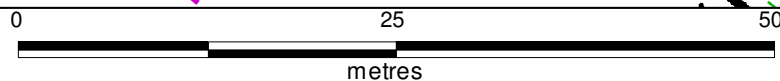
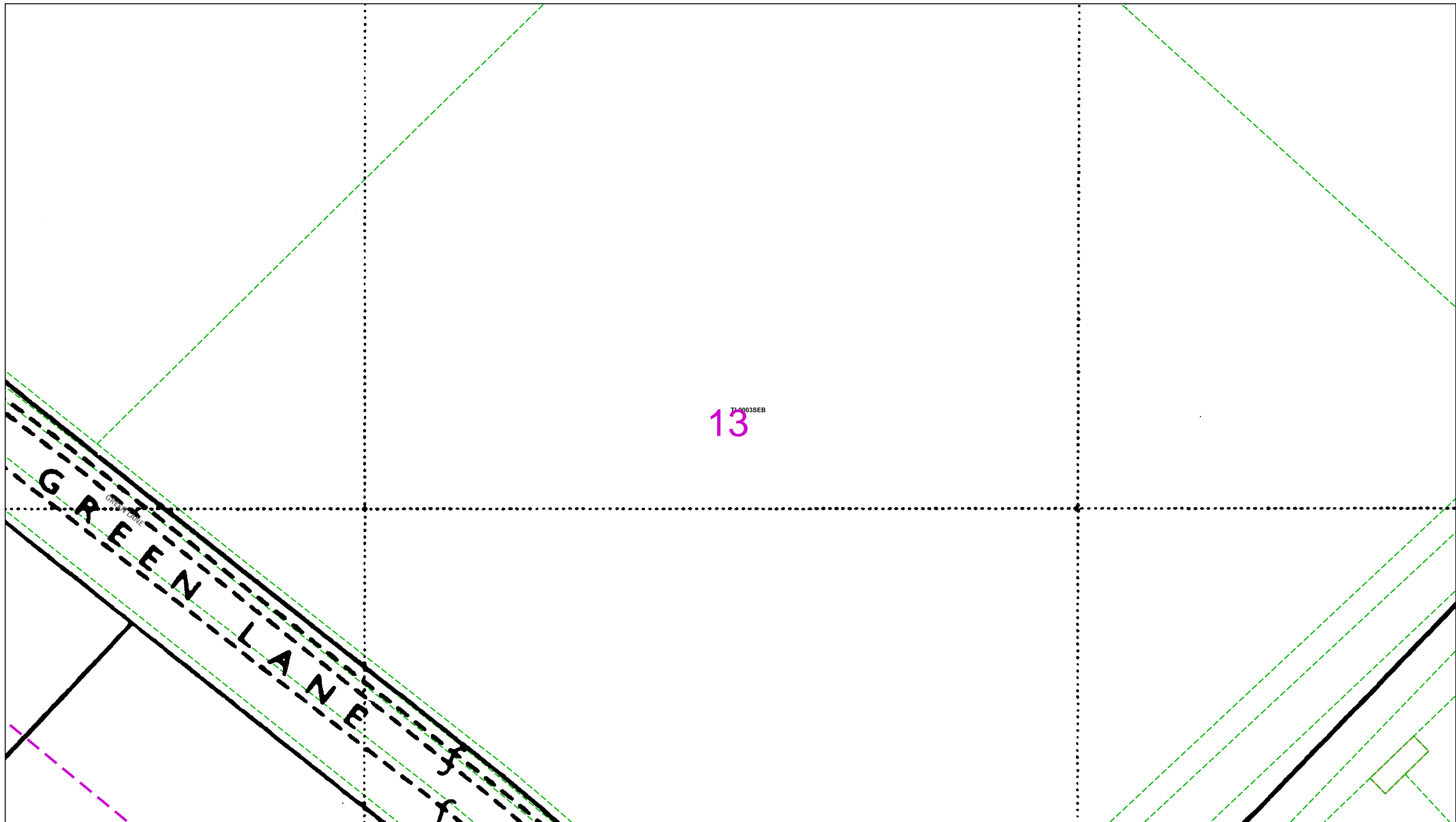
The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.

<p>This plan must be used with the attached 'Symbols' document.</p> <p>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500471 202875 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</p> <p>Scale: 1:500 (When plotted at A3)</p>	<ol style="list-style-type: none"><li>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.</li><li>The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.</li><li>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.</li><li>It must be assumed that there is a service cable into each property, lamp column and street sign, etc.</li><li>All cables must be treated as being live unless proved otherwise by UK Power Networks.</li><li>The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.</li><li>Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</li></ol>	<ol style="list-style-type: none"><li>UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</li><li>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.</li><li>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.</li><li>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.</li><li>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.</li></ol>	<div><div></div><div></div></div> <div><div><p>IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p></div><div></div><div><p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p></div></div> <div><p>Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.</p></div>
--	---	--	---

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.

Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.





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.



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



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

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

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

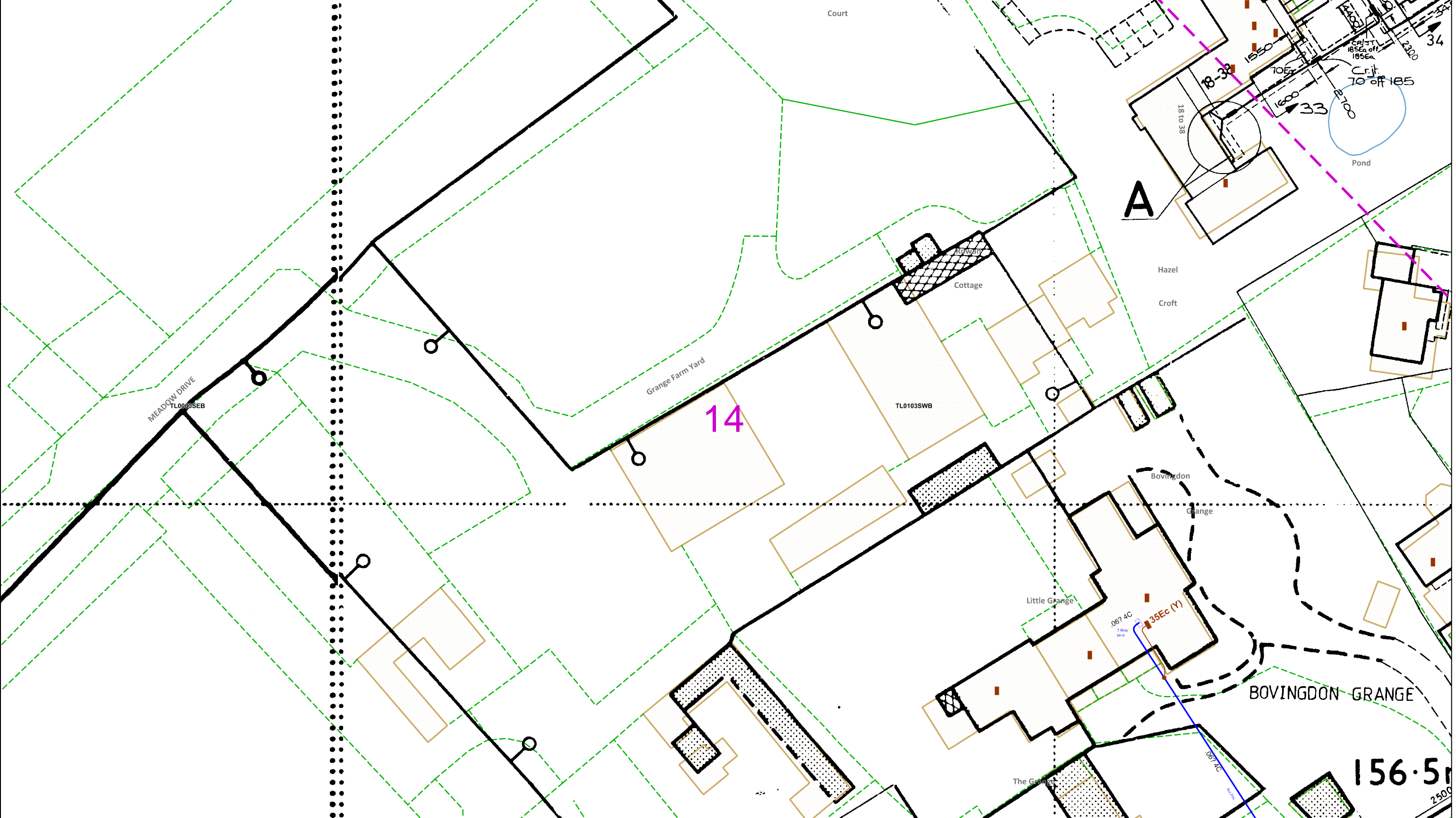
Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

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

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





0 25 50

metres

Dig Sites    Area:    Line:

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

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

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.

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

3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.

4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.

5. All cables must be treated as being live unless proved otherwise by UK Power Networks.

6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.

7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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

2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.

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

4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.

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

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

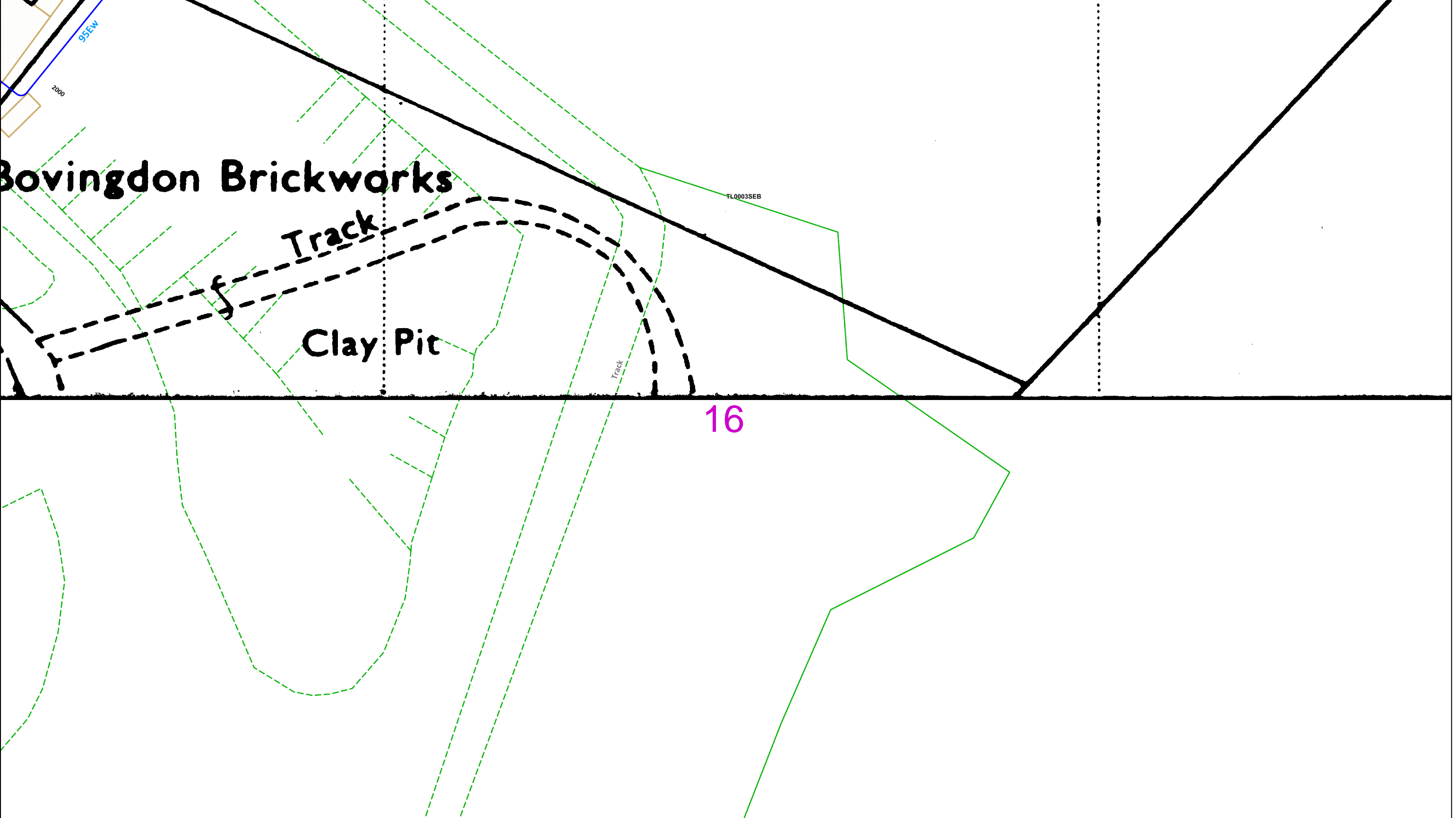
ALWAYS LOOK UP BEFORE YOU START WORK  
Refer to HSE Guidance note GS6

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



<p>This plan must be used with the attached 'Symbols' document.</p> <p>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500471 202875 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</p> <p>Scale: 1:500 (When plotted at A3)</p>		<p>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.</p> <p>2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.</p> <p>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.</p> <p>4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.</p> <p>5. All cables must be treated as being live unless proved otherwise by UK Power Networks.</p> <p>6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.</p> <p>7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</p>	<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.</p>	<div></div> <div></div> <div><p>IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p></div> <div></div> <div><p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p></div> <div><p>Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.</p></div>
<p>Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.</p> <p>Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.</p>				





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

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by: Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.

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

3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.

4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.

5. All cables must be treated as being live unless proved otherwise by UK Power Networks.

6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.

7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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

2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.

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

4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.

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

0 25 50 metres

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.

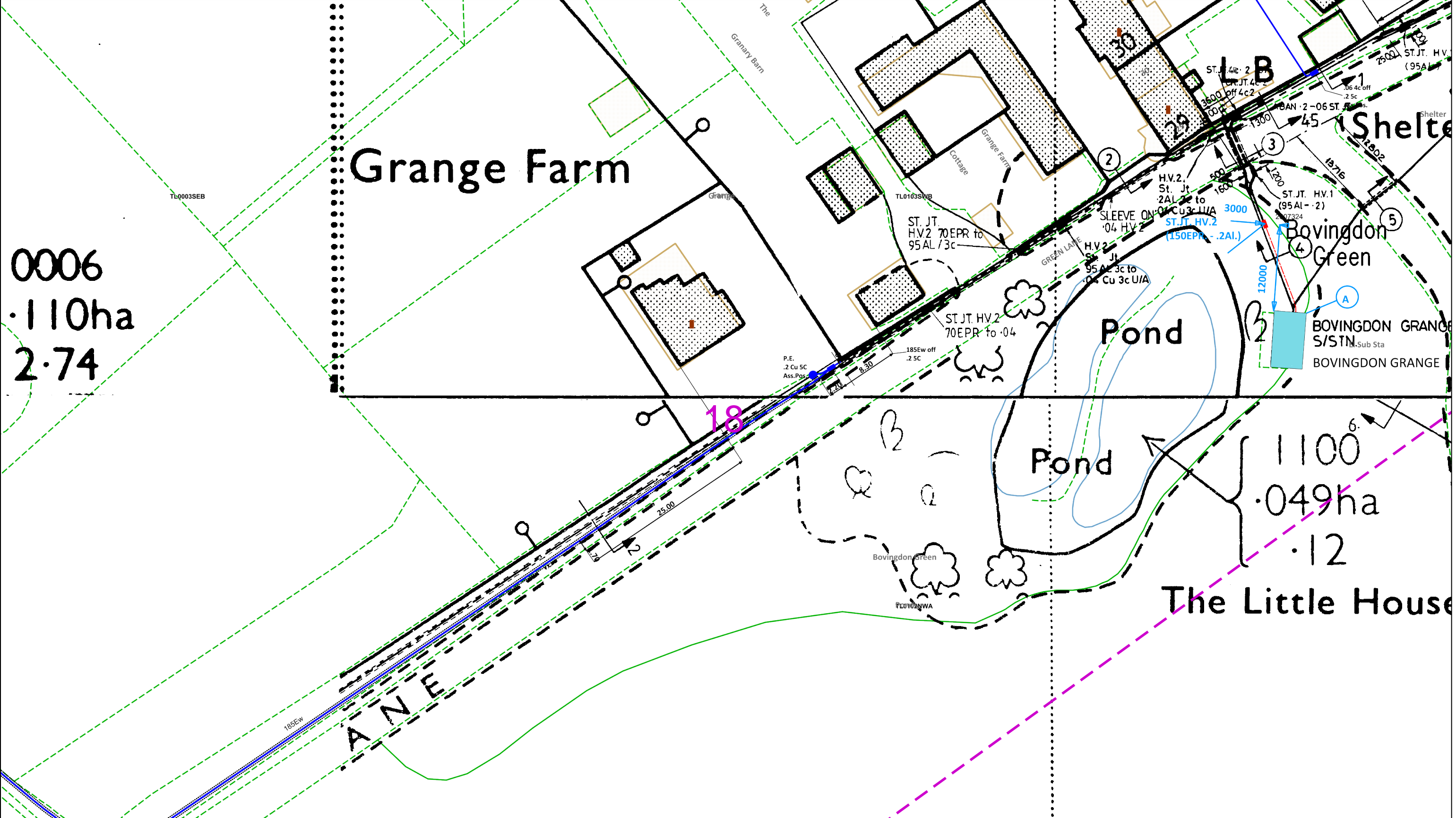
IF IN DOUBT - ASK!  
PHONE 0800 056 5866  
EMERGENCY - If you damage a cable or line  
Phone 0800 783 8838 (24hrs) URGENTLY

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

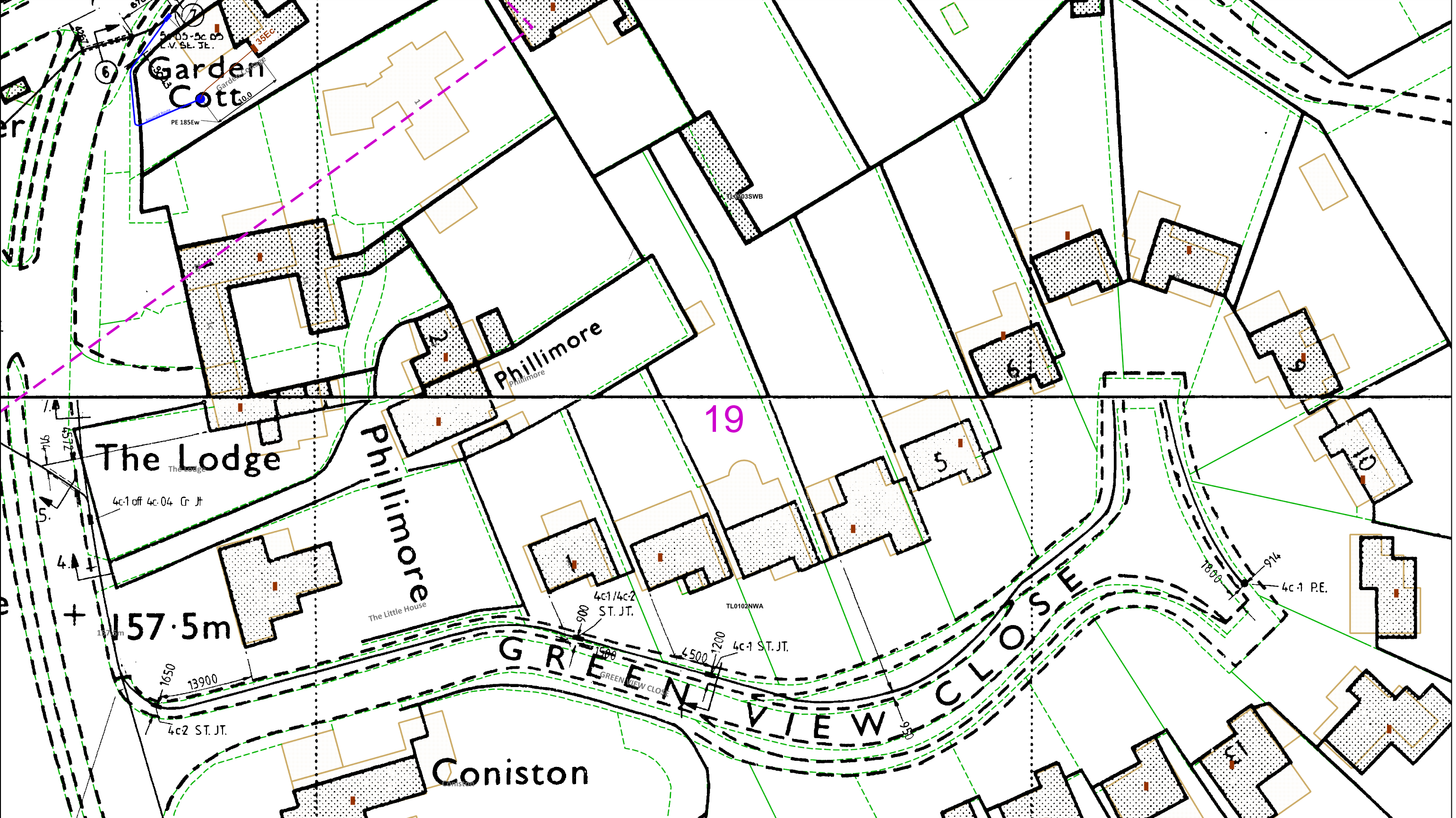
Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.







<p>0 25 50</p> <p>metres</p>		<p>Dig Sites Area:  Line: </p>		<p>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.</p>	
<p>This plan must be used with the attached 'Symbols' document.</p>		<p>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.</p> <p>2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.</p> <p>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.</p> <p>4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.</p> <p>5. All cables must be treated as being live unless proved otherwise by UK Power Networks.</p> <p>6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.</p> <p>7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</p>		<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.</p>	
<p>Date Requested: 09/04/2024</p> <p>Job Reference: 33038837</p> <p>Site Location: 500471 202875</p> <p>Requested by: Miss Rachel Dyson</p> <p>Your Scheme/Reference: 33977</p> <p>Scale: 1:500 (When plotted at A3)</p>		<p>IF IN DOUBT - ASK! PHONE 0800 056 5866</p> <p>EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p>		<p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p>	
<p>Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.</p> <p>Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.</p>					



0 25 50

metres

Dig Sites    Area:    Line:

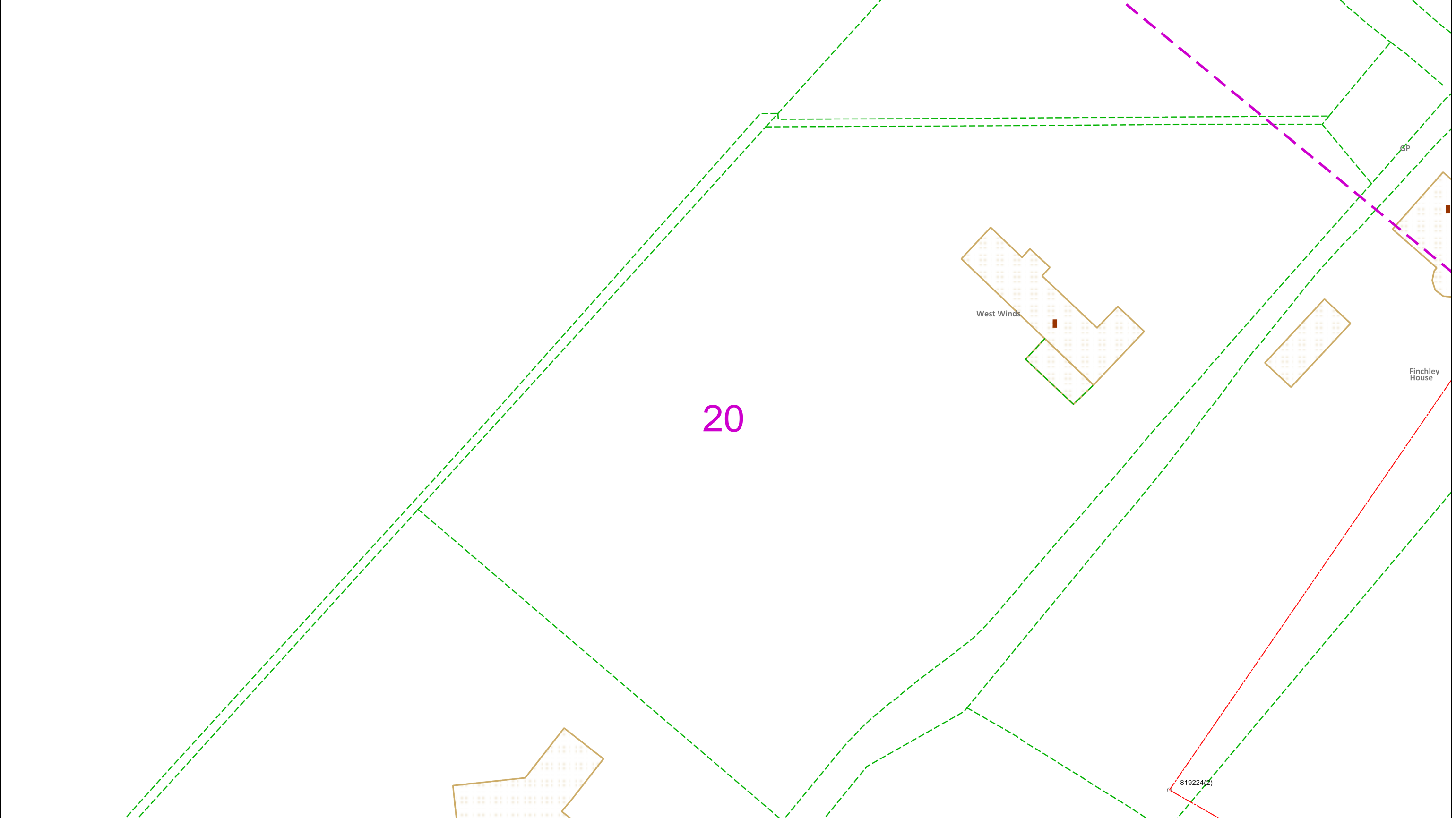
The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.

<p>This plan must be used with the attached 'Symbols' document.</p>	<p>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.</p> <p>2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.</p> <p>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.</p> <p>4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.</p> <p>5. All cables must be treated as being live unless proved otherwise by UK Power Networks.</p> <p>6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.</p> <p>7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</p>	<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.</p>	<div></div> <div></div> <div><p>IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p></div> <div></div> <div><p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p></div>
<p>Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.</p>			

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.

Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.





02550metres

Dig Sites

Area: Line:

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

This plan must be used with the attached ‘Symbols’ document.

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500471 202875  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977  
  
Scale: 1:500 (When plotted at A3)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.

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

3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.

4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.

5. All cables must be treated as being live unless proved otherwise by UK Power Networks.

6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.

7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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

2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.

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

4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.

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

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

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

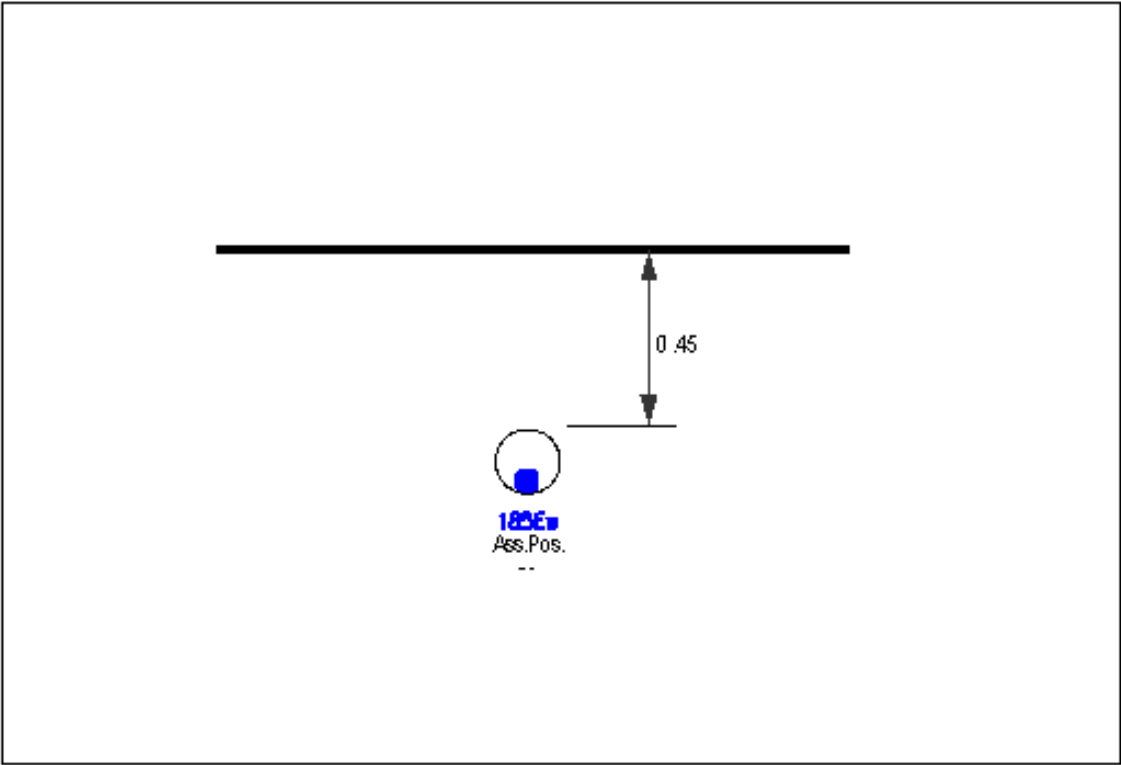
Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2023. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee’s distribution licence. All rights in such data reserved.  
Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.





Cross Section : 3276360



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

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

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



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

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

# UK Power Networks Feedback Tool

Please help UK Power Networks improve the accuracy of their network records and help make it safer for all those working around them in future.

All you need to do is:

1. Use your phone camera to scan the QR code:
2. Provide feedback on what you have found on site (good or bad)
3. Upload a photo if needed



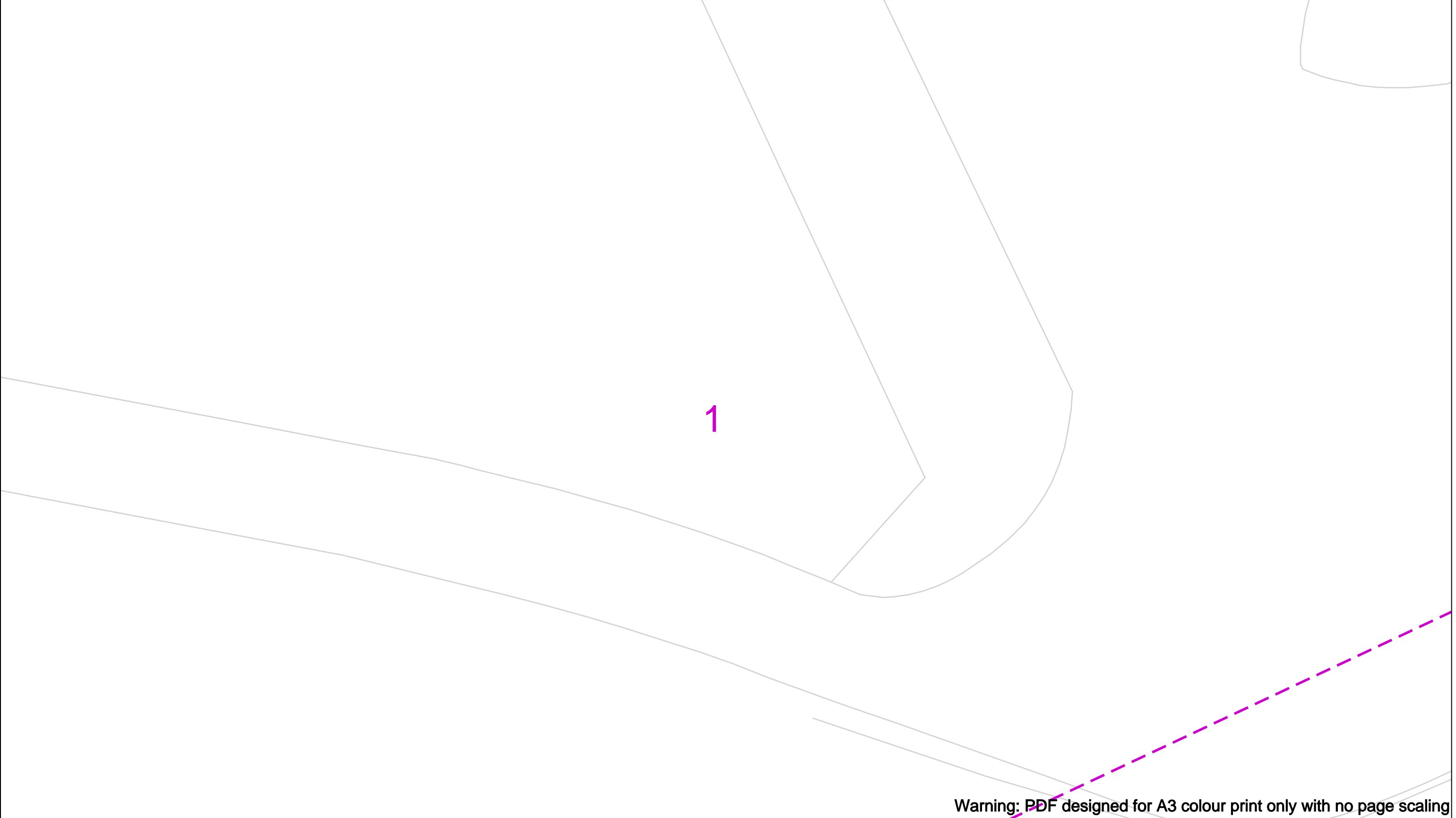
Thank you for making the area a safer place to dig.

**UK Power Networks, working with LSBUD**


GAS



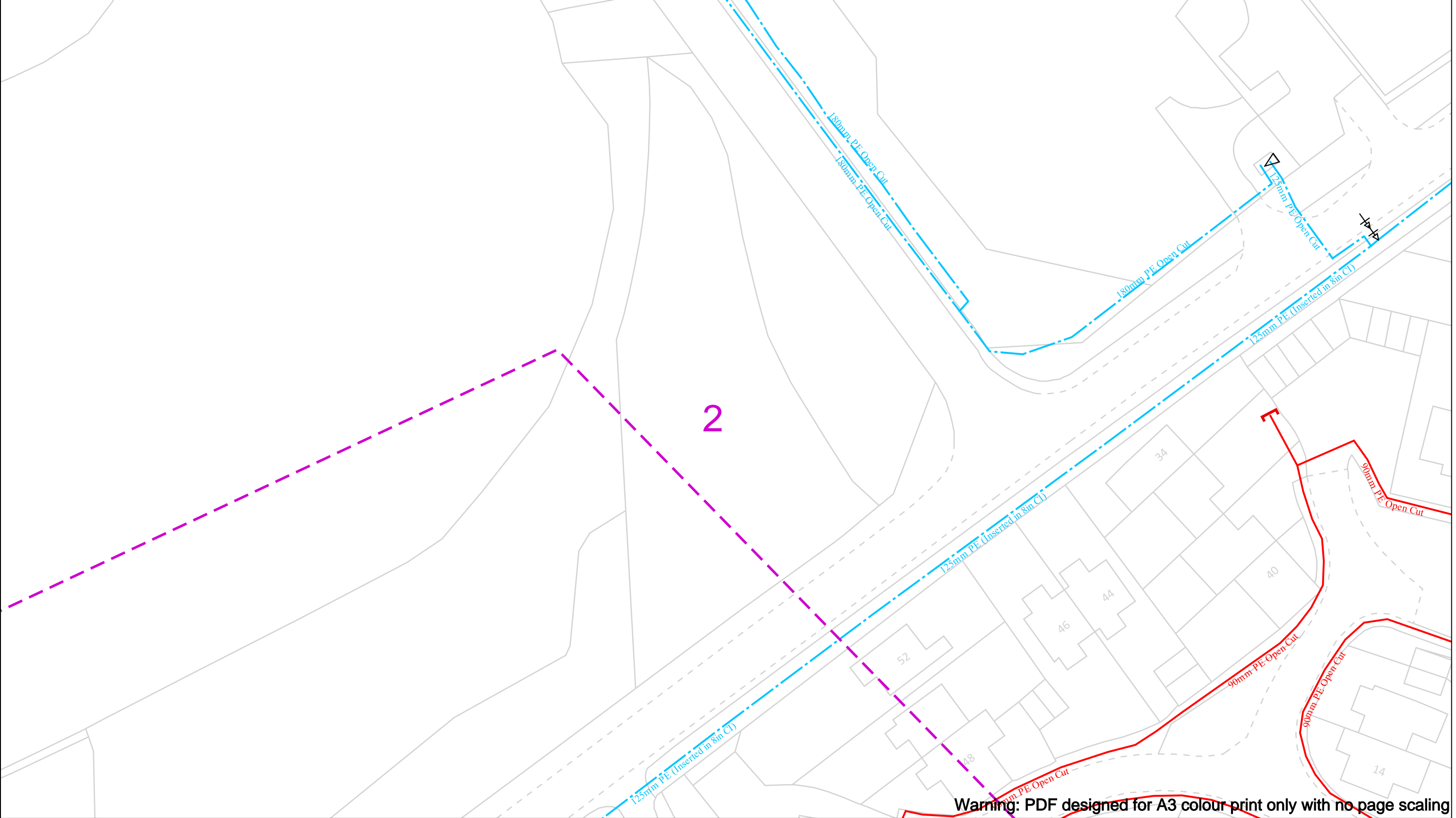




Warning: PDF designed for A3 colour print only with no page scaling

	View extent: 200m, 115m	<b>In case of an emergency call 0800 111 999</b>		<div> Your Gas Network</div>
<div><div>Date Requested: 09/04/2024</div><div>Job Reference: 33038837</div><div>Site Location: 500866 203176</div><div>Requested by: Miss Rachel Dyson</div><div>Your Scheme/Reference: 33977</div></div>	<div>IMPORTANT NOTICES</div> <div>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</div>	<div><div><div><div><div></div><div>Dig Sites</div></div><div><div><div></div><div>LP Mains</div></div><div><div></div><div>MP Mains</div></div><div><div></div><div>IP Mains</div></div><div><div></div><div>LHP Mains</div></div></div><div><div><div></div><div>Valve</div></div><div><div></div><div>Depth of cover</div></div><div><div></div><div>Syphon</div></div></div><div><div><div></div><div>Area: <div></div></div><div>Line: <div></div></div></div><div><div><div></div><div>Diameter Change</div></div><div><div></div><div>Material Change</div></div><div><div></div><div>Out of Standard Service</div></div></div></div></div><div><div>50m</div><div>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:<ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</div></div></div></div>		
Scale: 1:500 (When plotted at A3)				

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

In case of an emergency call 0800 111 999

50m

Dig Sites	Area:	Line:
LP Mains	Valve	Diameter Change
MP Mains	Depth of cover	Material Change
IP Mains	Syphon	Out of Standard Service
LHP Mains		

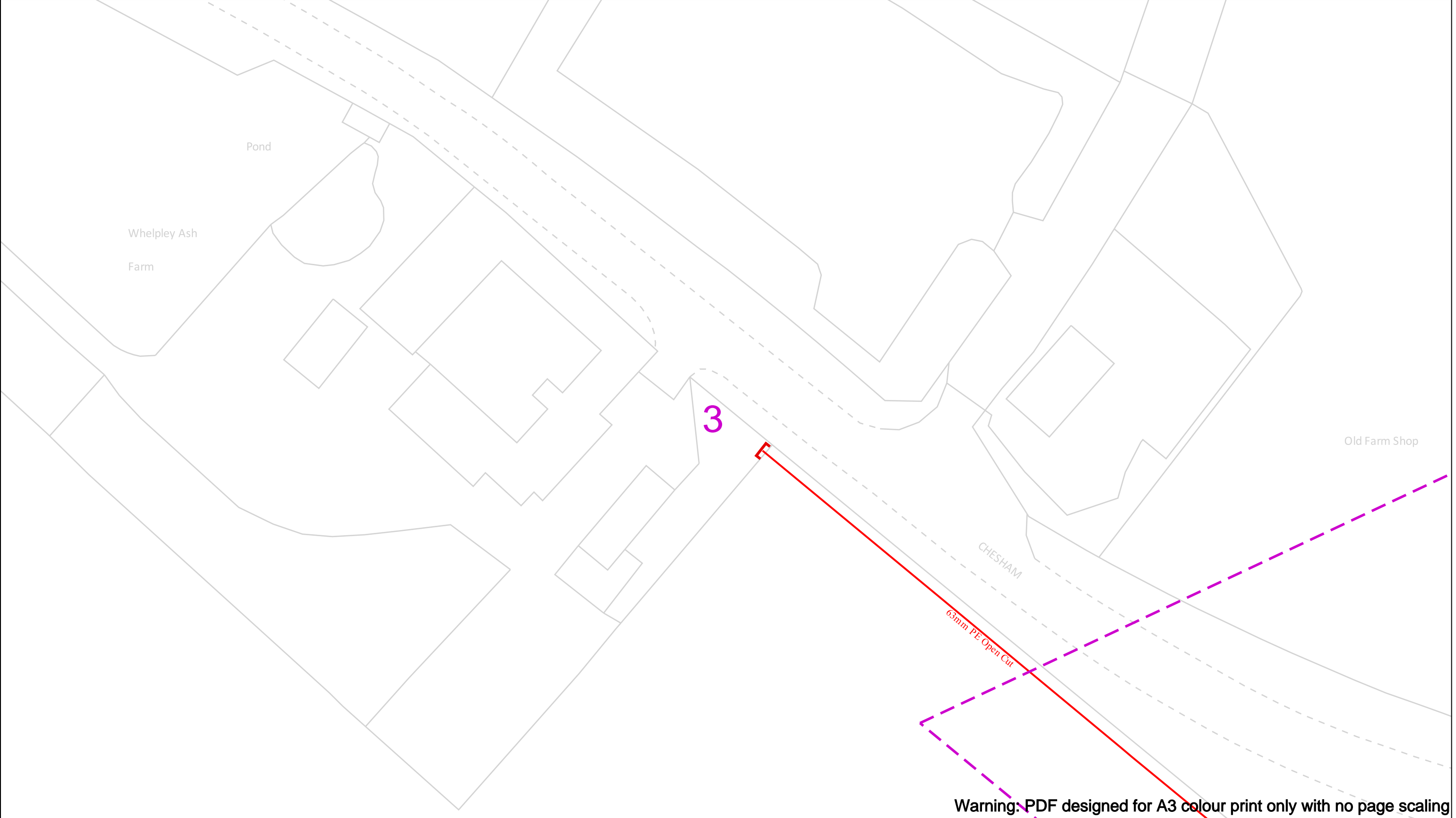
Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Your Gas Network

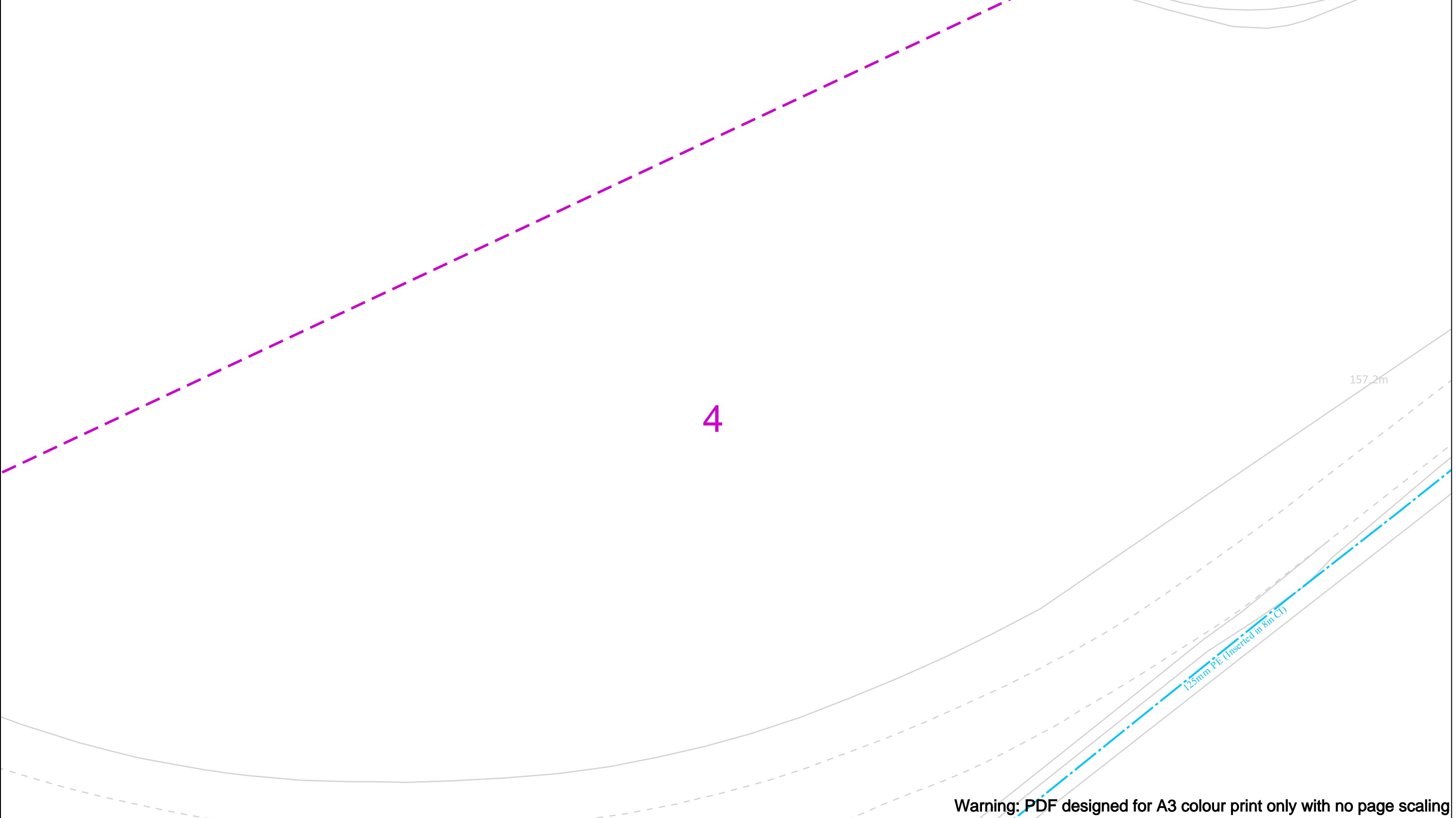
Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Warning: PDF designed for A3 colour print only with no page scaling

		View extent: 200m, 115m		In case of an emergency call 0800 111 999		<div>Cadent</div> <div>Your Gas Network</div>		
Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977		IMPORTANT NOTICES <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>		<div><div>50m</div><div>Dig Sites</div><div><div><div></div><div>LP Mains</div></div><div><div></div><div>MP Mains</div></div><div><div></div><div>IP Mains</div></div><div><div></div><div>LHP Mains</div></div><div><div></div><div>Valve</div></div><div><div></div><div>Depth of cover</div></div><div><div></div><div>Syphon</div></div><div><div></div><div>Area: </div></div><div><div></div><div>Line: </div></div><div><div></div><div>Diameter Change</div></div><div><div></div><div>Material Change</div></div><div><div></div><div>Out of Standard Service</div></div></div></div>			<p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:</p> <ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul> <p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p>	
Scale: 1:500 (When plotted at A3)								

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



		View extent: 200m, 115m		In case of an emergency call 0800 111 999		<div>Cadent</div> <div>Your Gas Network</div>
Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977		IMPORTANT NOTICES <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>		<div><div>Dig Sites</div><div><div><div></div></div>LP Mains</div><div><div></div></div>MP Mains</div> <div><div></div></div> IP Mains		

Area:

Line: Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

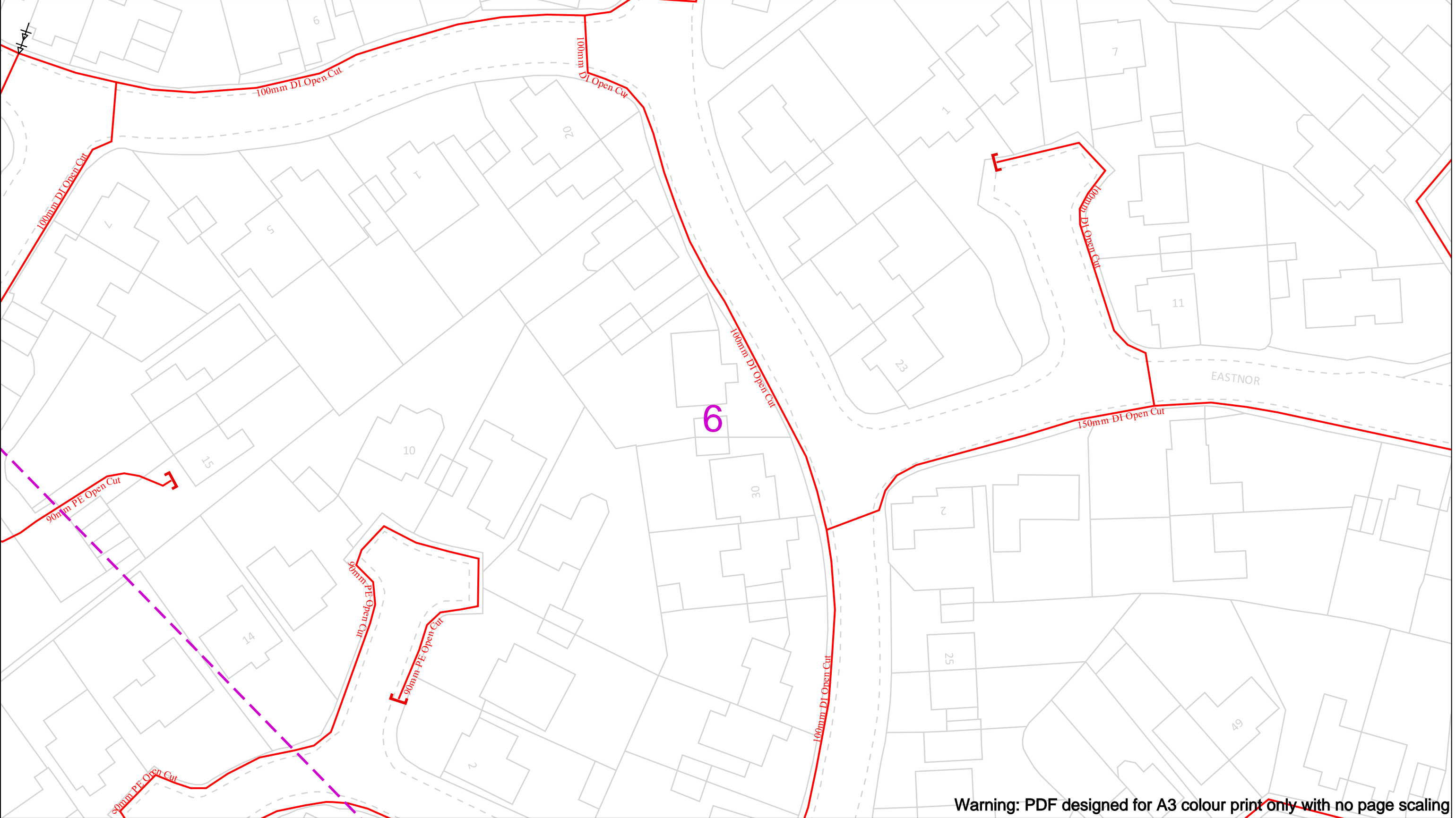
A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886





Warning: PDF designed for A3 colour print only with no page scaling

<div>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</div> <div>Scale: 1:500 (When plotted at A3)</div>		<div>View extent: 200m, 115m</div> <div>IMPORTANT NOTICES</div> <div>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</div>	<div>In case of an emergency call 0800 111 999</div> <div><div><div>Dig Sites</div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>LP Mains</div><div>MP Mains</div><div>IP Mains</div><div>LHP Mains</div></div></div><div><div>Area:</div><div><div></div></div><div>Line:</div><div><div></div></div></div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>Valve</div><div>Depth of cover</div><div>Syphon</div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div></div>	
--	--	--	---	--

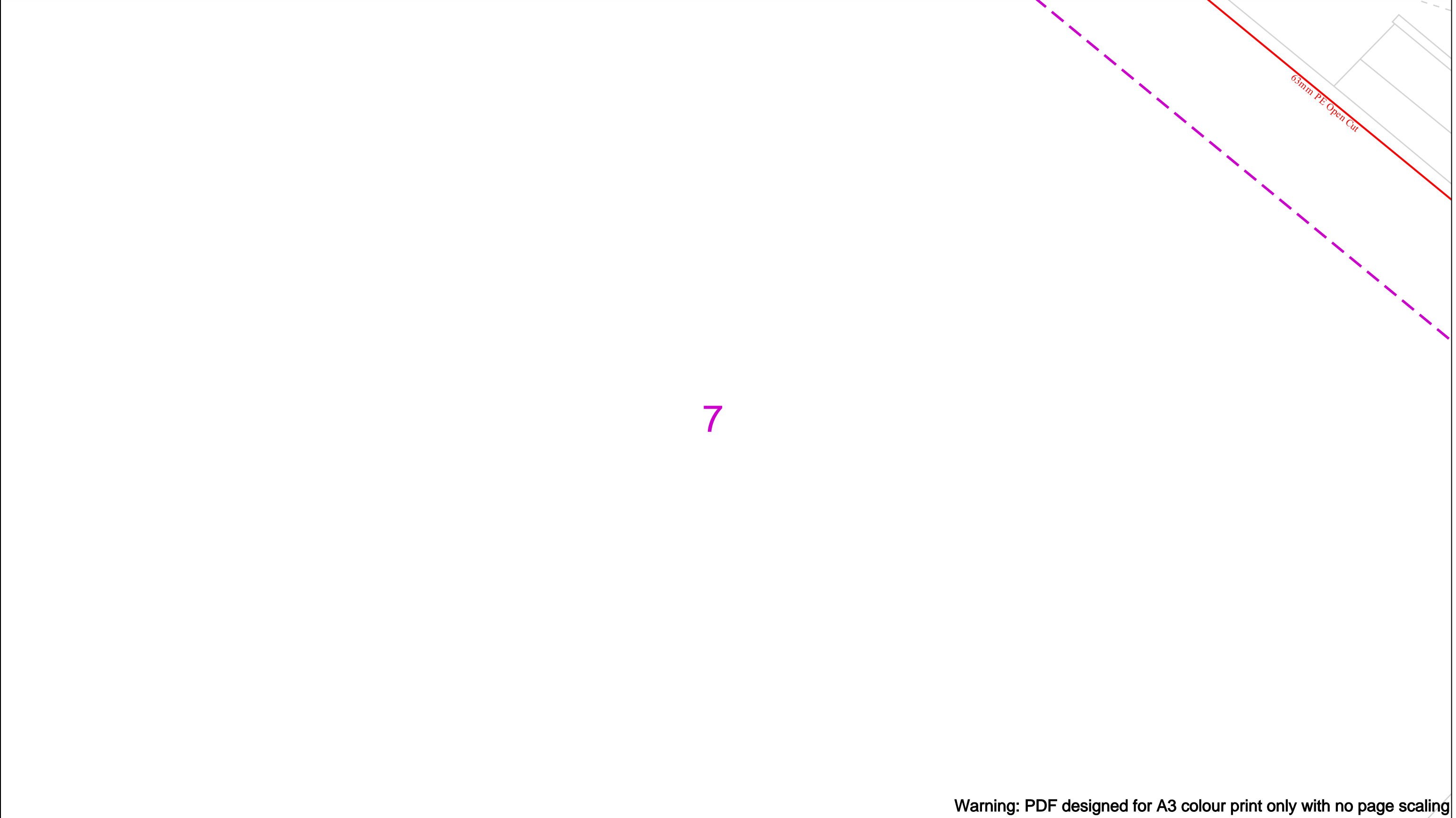
Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

• Identification of shallow services







































• Identification of dual services

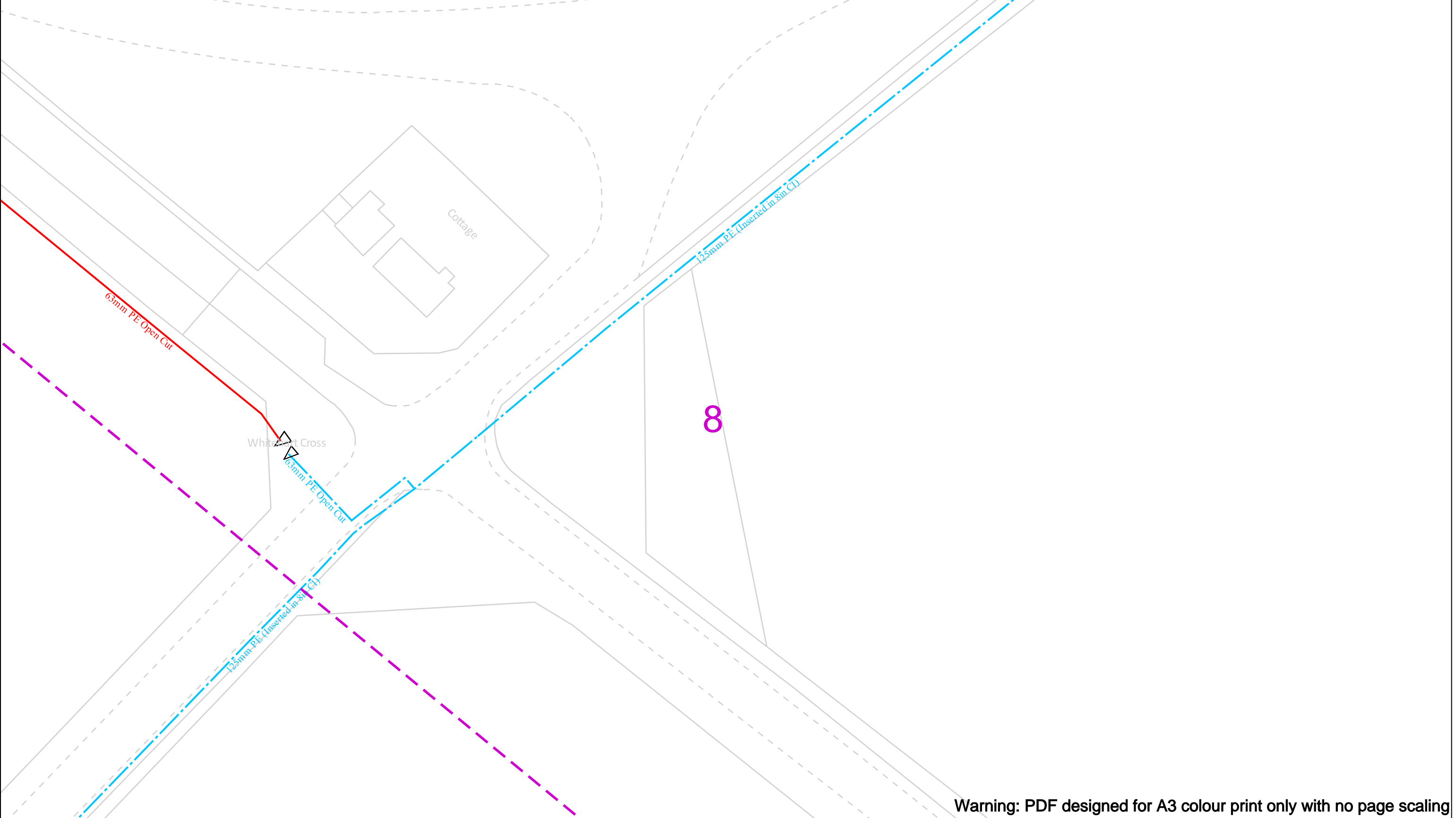
• Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.



Warning: PDF designed for A3 colour print only with no page scaling

	View extent: 200m, 115m	<b>In case of an emergency call 0800 111 999</b>		 <b>Your Gas Network</b>																		
Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977	IMPORTANT NOTICES  This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.	<div>50m</div> <table><tr><td><b>Dig Sites</b></td><td>Area: </td><td>Line: </td><td></td></tr><tr><td> LP Mains</td><td> Valve</td><td> Diameter Change</td><td rowspan="3"><p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p><p>Out-of-standard service symbology may be used to indicate one or more of the following:</p><ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul><p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p></td></tr><tr><td> MP Mains</td><td> Depth of cover</td><td> Material Change</td></tr><tr><td> IP Mains</td><td> Syphon</td><td> Out of Standard Service</td></tr><tr><td> LHP Mains</td><td></td><td></td><td></td></tr></table>			<b>Dig Sites</b>	Area: 	Line: 		 LP Mains	 Valve	 Diameter Change	<p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p> <p>Out-of-standard service symbology may be used to indicate one or more of the following:</p> <ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul> <p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p>	 MP Mains	 Depth of cover	 Material Change	 IP Mains	 Syphon	 Out of Standard Service	 LHP Mains			
<b>Dig Sites</b>	Area: 	Line: 																				
 LP Mains	 Valve	 Diameter Change	<p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p> <p>Out-of-standard service symbology may be used to indicate one or more of the following:</p> <ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul> <p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p>																			
 MP Mains	 Depth of cover	 Material Change																				
 IP Mains	 Syphon	 Out of Standard Service																				
 LHP Mains																						
Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886																						



Warning: PDF designed for A3 colour print only with no page scaling

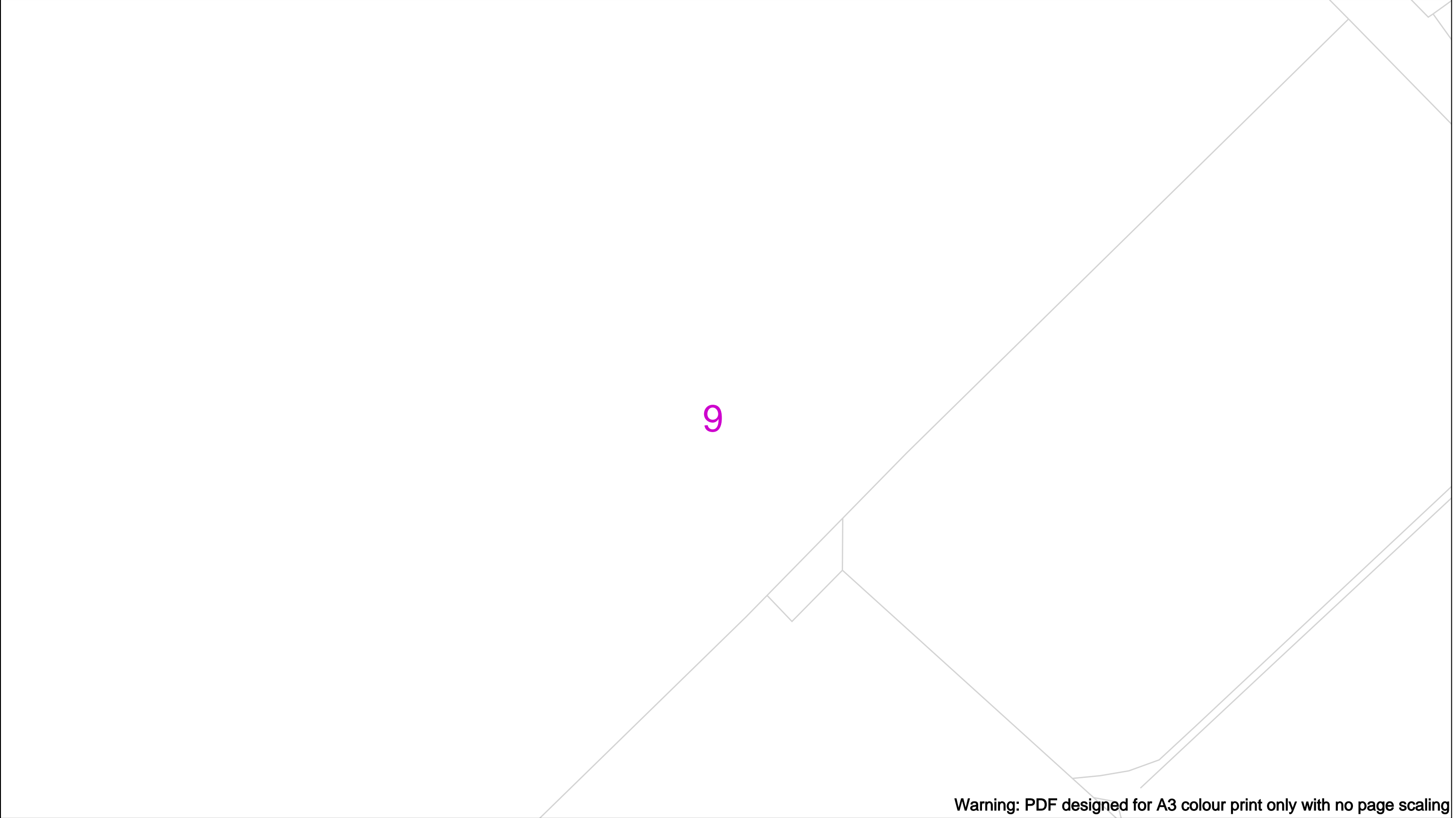
<div>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</div> <div>Scale: 1:500 (When plotted at A3)</div>		<div>View extent: 200m, 115m</div> <div>IMPORTANT NOTICES</div> <div>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</div>	<div>In case of an emergency call 0800 111 999</div> <div><div><div><div><div></div><div></div></div><div>Dig Sites</div></div><div><div><div></div><div></div></div><div>LP Mains</div></div><div><div><div></div><div></div></div><div>MP Mains</div></div><div><div><div></div><div></div></div><div>IP Mains</div></div><div><div><div></div><div></div></div><div>LHP Mains</div></div></div><div><div><div></div><div></div></div><div>Valve</div></div><div><div><div></div><div></div></div><div>Depth of cover</div></div><div><div><div></div><div></div></div><div>Syphon</div></div></div> <div><div><div></div><div></div></div><div>Area: <div></div></div></div> <div><div><div></div><div></div></div><div>Line: <div></div></div></div> <div><div><div></div><div></div></div><div>Diameter Change</div></div> <div><div><div></div><div></div></div><div>Material Change</div></div> <div><div><div></div><div></div></div><div>Out of Standard Service</div></div>	
--	--	--	---	--

50m


Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

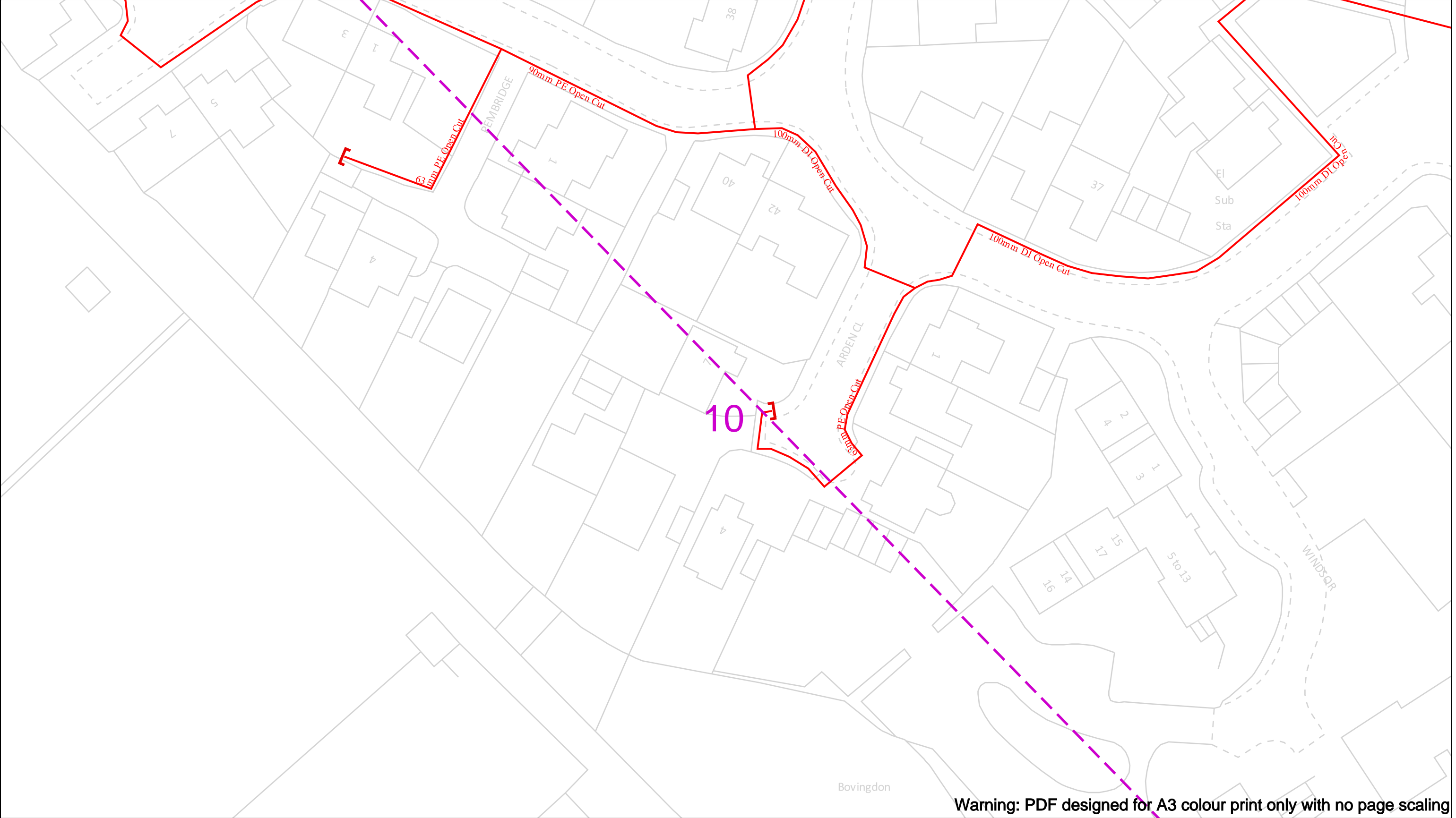
A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.



Warning: PDF designed for A3 colour print only with no page scaling

	View extent: 200m, 115m	<b>In case of an emergency call 0800 111 999</b>		 <b>Your Gas Network</b>
Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977	IMPORTANT NOTICES <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>	<div><div><div>Dig Sites</div><div><div><div>—</div><div>—</div><div>—</div><div>—</div></div><div><div>LP Mains</div><div>MP Mains</div><div>IP Mains</div><div>LHP Mains</div></div></div><div><div>Area: <div><div></div><div></div><div></div><div></div></div></div><div><div>Line: <div><div></div><div></div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div>Valve</div></div><div><div><div></div><div></div></div><div>Depth of cover</div></div><div><div><div></div><div></div></div><div>Syphon</div></div></div><div><div><div><div></div><div></div></div><div>Diameter Change</div></div><div><div><div></div><div></div></div><div>Material Change</div></div><div><div><div></div><div></div></div><div>Out of Standard Service</div></div></div></div></div><div><p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p><p>Out-of-standard service symbology may be used to indicate one or more of the following:</p><ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul><p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p></div></div></div>		
Scale: 1:500 (When plotted at A3)				

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

In case of an emergency call 0800 111 999

50m

Dig Sites	Area:	Line:
LP Mains	Valve	Diameter Change
MP Mains	Depth of cover	Material Change
IP Mains	Syphon	Out of Standard Service
LHP Mains		

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

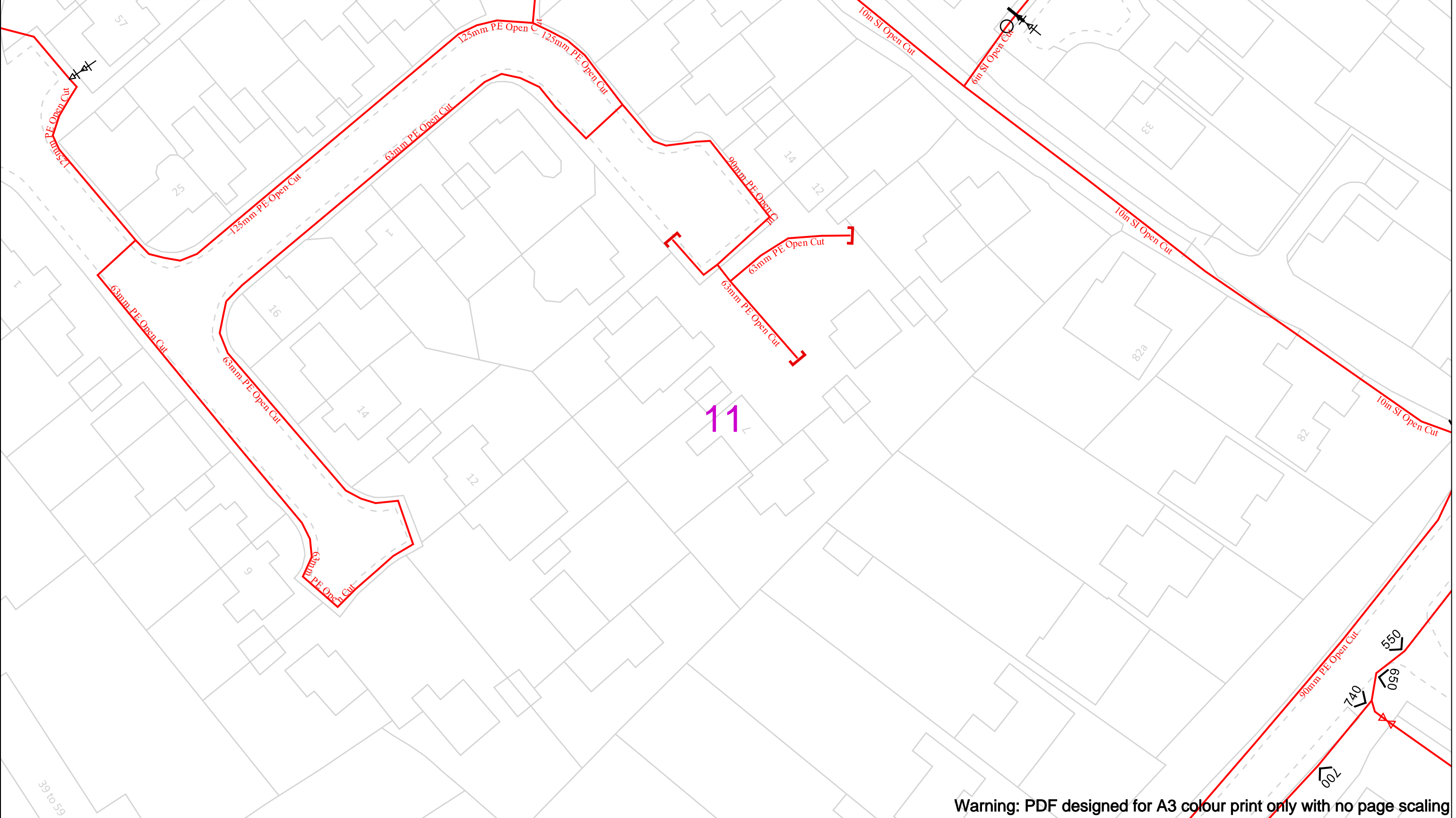
- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Your Gas Network

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886





Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

In case of an emergency call 0800 111 999

50m

Dig Sites	Area:	Line:
LP Mains	Valve	Diameter Change
MP Mains	Depth of cover	Material Change
IP Mains	Syphon	Out of Standard Service
LHP Mains		

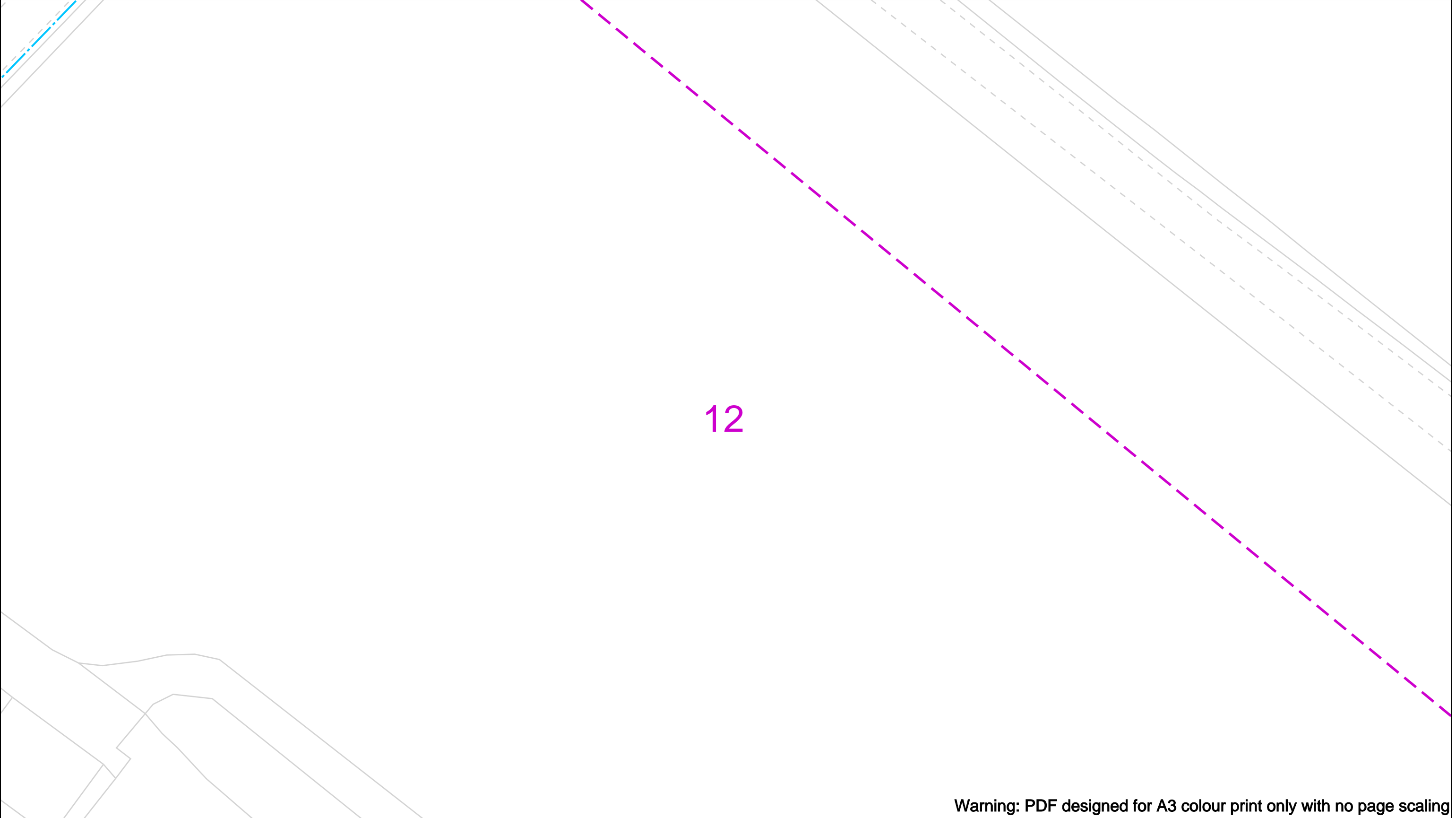
Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

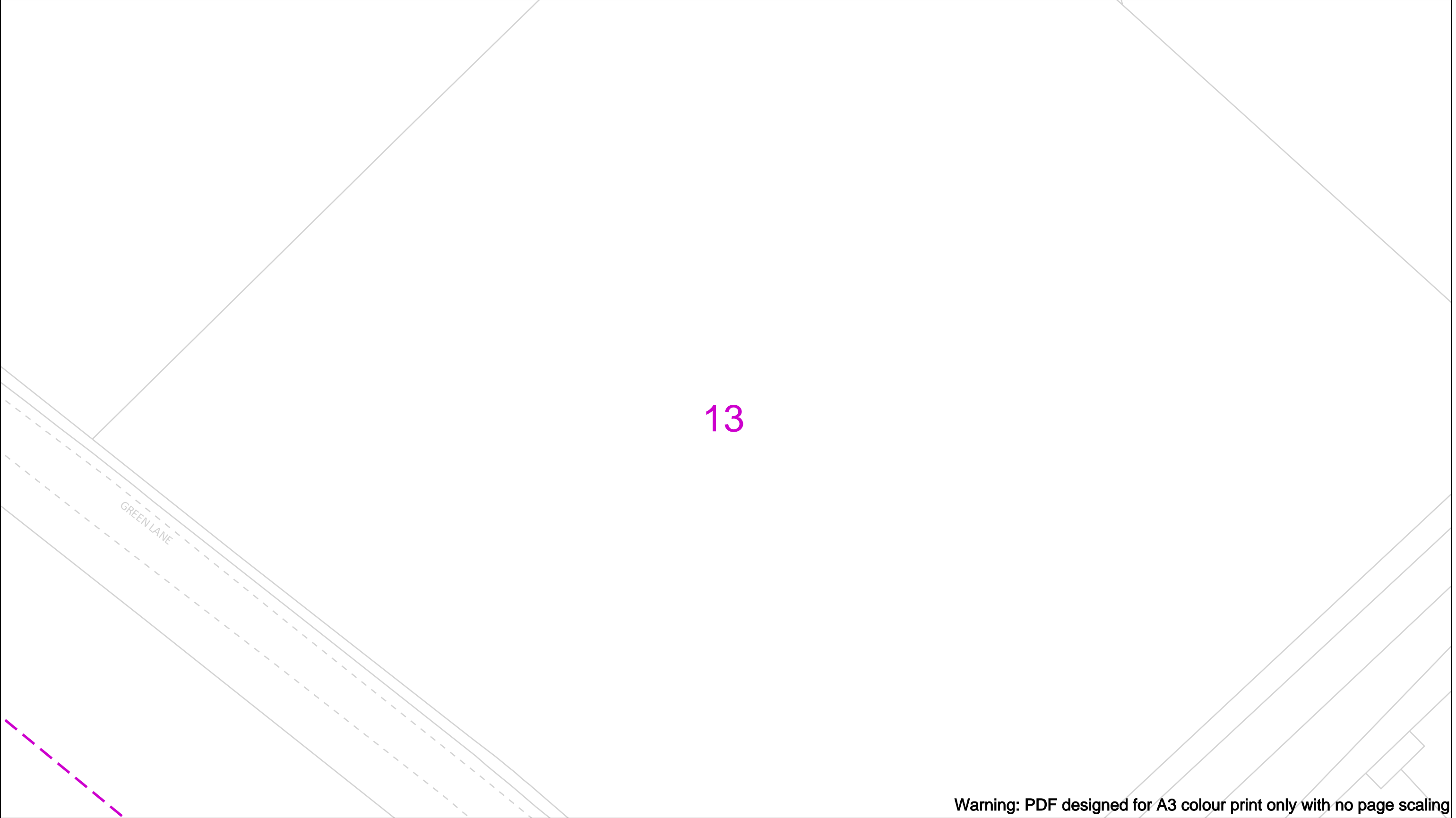
Your Gas Network

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Warning: PDF designed for A3 colour print only with no page scaling

<p>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</p> <p>Scale: 1:500 (When plotted at A3)</p>		<p>View extent: 200m, 115m</p> <p>IMPORTANT NOTICES</p> <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>	<p><b>In case of an emergency call 0800 111 999</b></p> <div><div>Dig Sites</div><div><div><div>—</div>LP Mains</div><div><div>- - -</div>MP Mains</div><div><div>- - -</div>IP Mains</div><div><div>- - -</div>LHP Mains</div></div><div><div><div>⊗</div>Valve</div><div><div>∨</div>Depth of cover</div><div><div>○</div>Syphon</div></div><div><div><div>- - -</div>Area: </div><div><div>- - -</div>Line: </div><div><div>⬇</div>Diameter Change</div><div><div> </div>Material Change</div><div><div>!</div>Out of Standard Service</div></div></div>
--	--	--	---



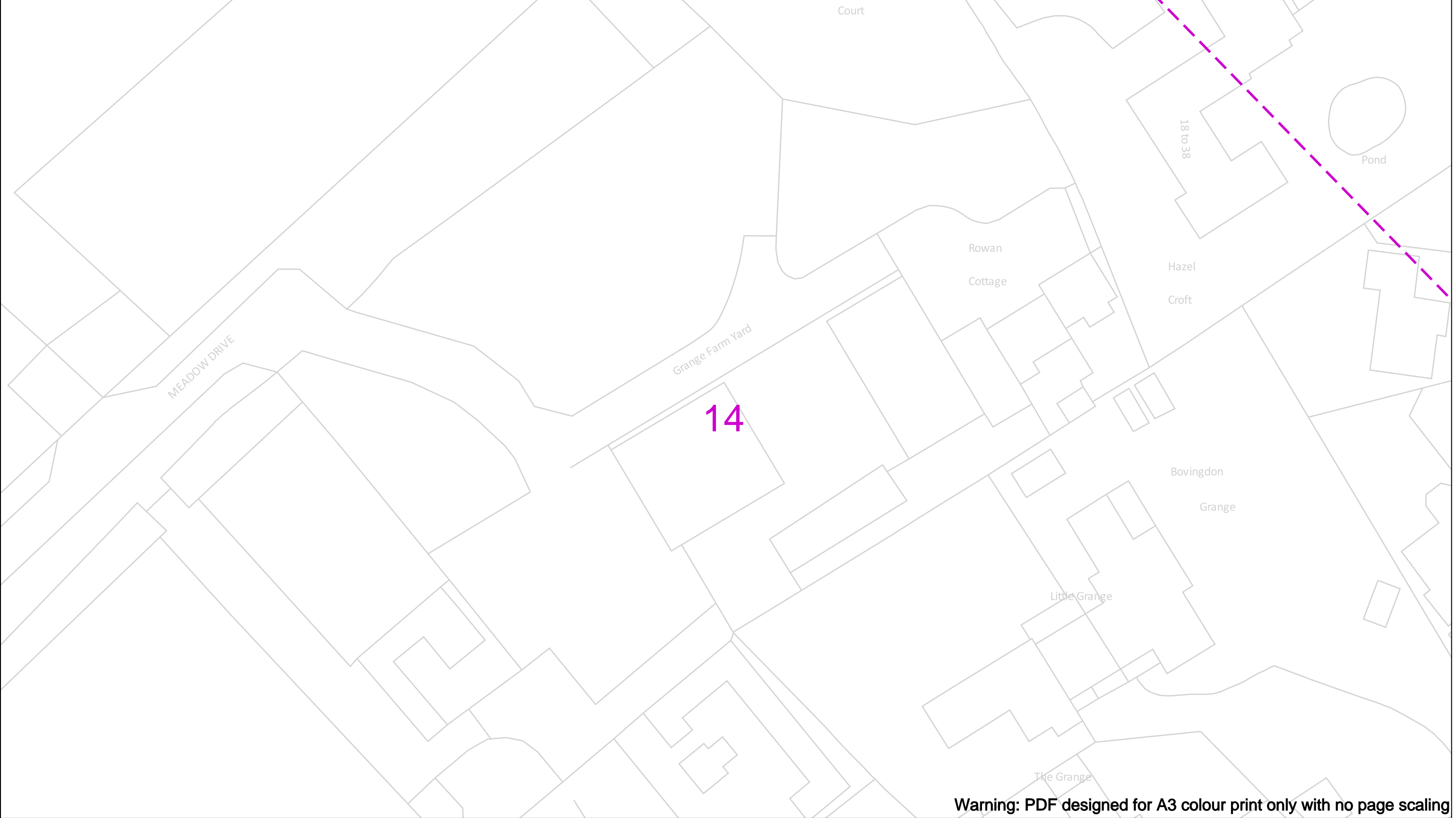
Warning: PDF designed for A3 colour print only with no page scaling

<div><div>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</div><div>Scale: 1:500 (When plotted at A3)</div></div>		<div>View extent: 200m, 115m</div> <div>IMPORTANT NOTICES</div> <div>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</div>	<div>In case of an emergency call 0800 111 999</div> <div><div><div>Dig Sites</div><div><div><div>—</div>LP Mains</div><div><div>- -</div>MP Mains</div><div><div>- - -</div>IP Mains</div><div><div>- - - -</div>LHP Mains</div></div><div><div><div>⊗</div>Valve</div><div><div>∨</div>Depth of cover</div><div><div>○</div>Syphon</div></div><div><div><div>— — —</div>Area:</div><div><div>— — — —</div>Line:</div><div><div>⬇</div>Diameter Change</div><div><div> </div>Material Change</div><div><div>!</div>Out of Standard Service</div></div></div></div>
--	--	--	---


Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

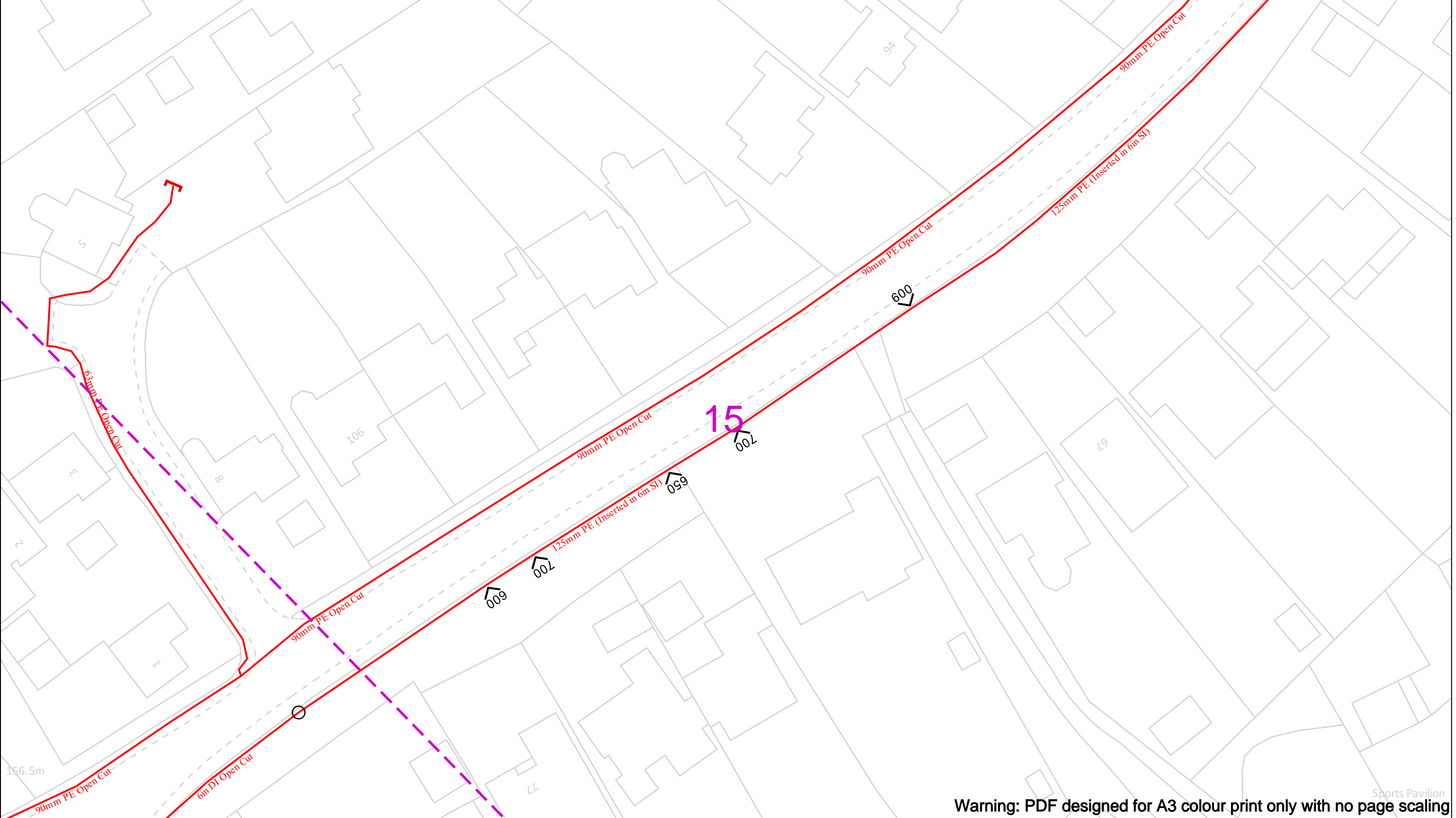


Warning: PDF designed for A3 colour print only with no page scaling

		View extent: 200m, 115m		<b>In case of an emergency call 0800 111 999</b>		<div> Your Gas Network</div>
Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977		IMPORTANT NOTICES <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>		<div><div><div>Dig Sites</div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>LP Mains</div><div>MP Mains</div><div>IP Mains</div><div>LHP Mains</div></div></div><div><div>Area: <div></div></div><div>Line: <div></div></div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>Valve</div><div>Depth of cover</div><div>Syphon</div></div><div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div></div></div> <div><p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:</p><ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul><p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p></div>		
Scale: 1:500 (When plotted at A3)						

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886





Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

**IMPORTANT NOTICES**

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

**In case of an emergency call 0800 111 999**

50m

<b>Dig Sites</b>	Area:	Line:
LP Mains	Valve	Diameter Change
MP Mains	Depth of cover	Material Change
IP Mains	Syphon	Out of Standard Service
LHP Mains		

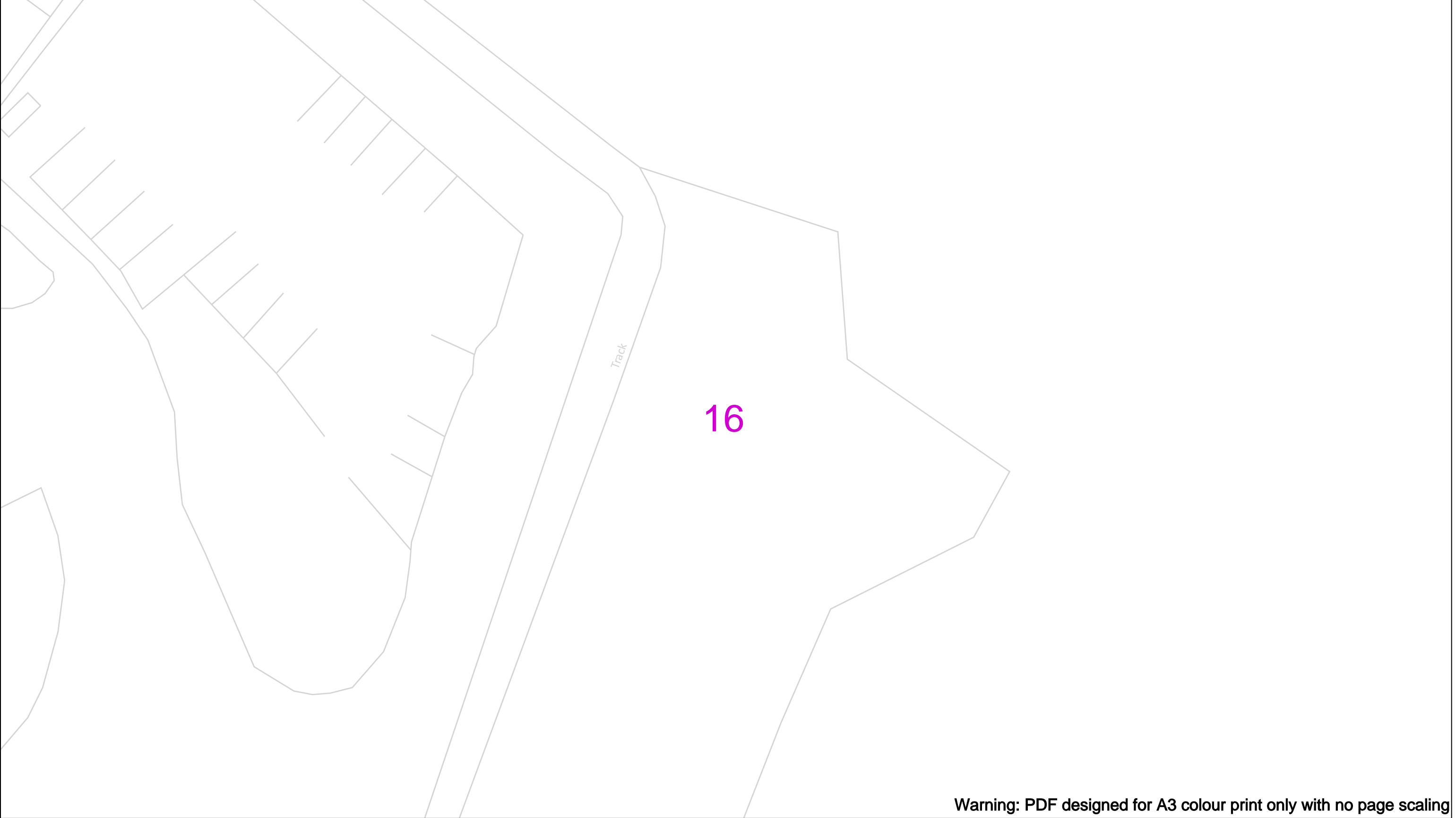
Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

































A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

**Cadent**

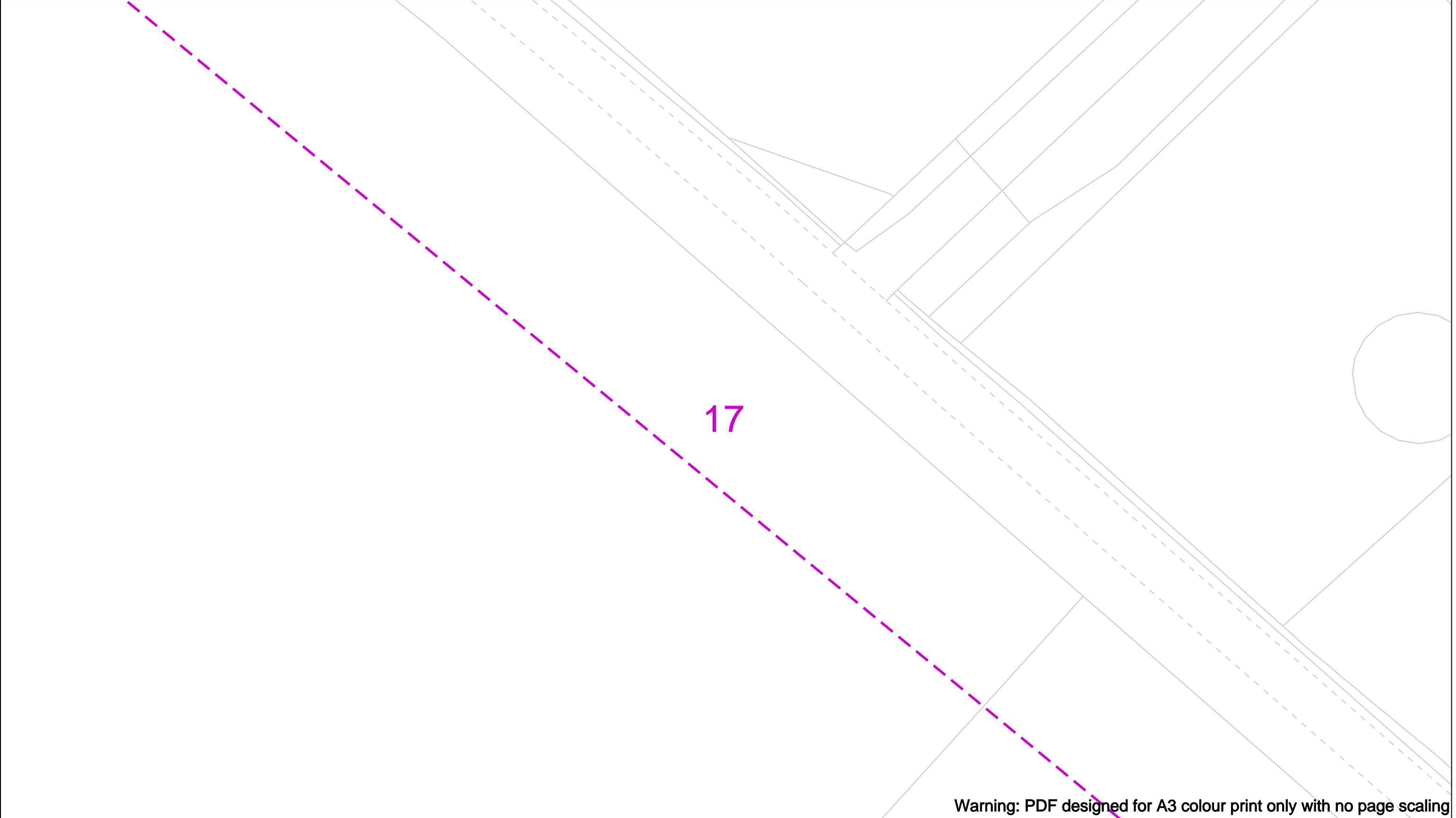
Your Gas Network













Warning: PDF designed for A3 colour print only with no page scaling

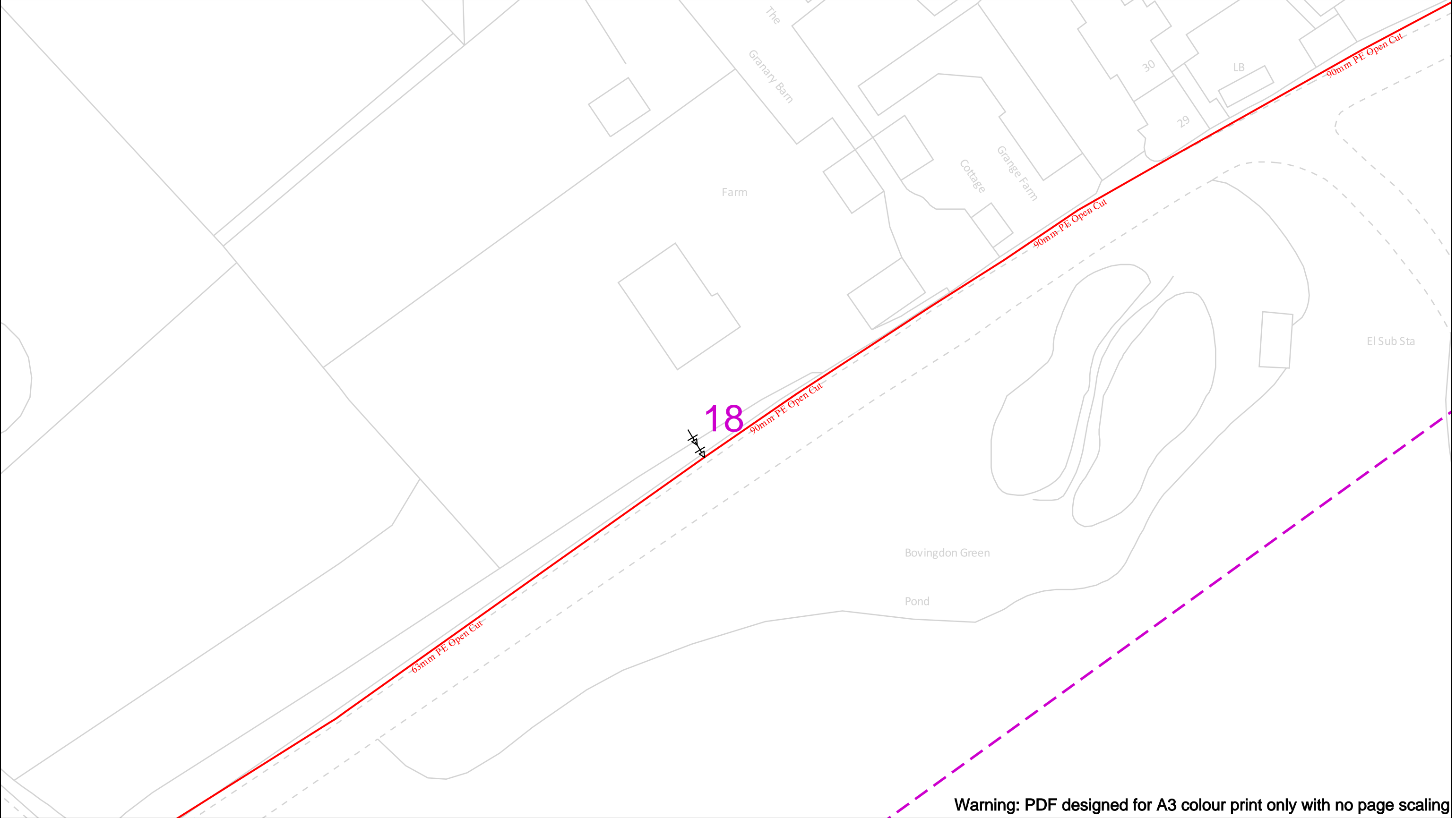
	View extent: 200m, 115m	<b>In case of an emergency call 0800 111 999</b>		 <b>Your Gas Network</b>																									
Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977	IMPORTANT NOTICES  This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.	 <b>Dig Sites</b> <table><tr><td></td><td>LP Mains</td><td></td><td>Valve</td><td></td><td>Diameter Change</td></tr><tr><td></td><td>MP Mains</td><td></td><td>Depth of cover</td><td></td><td>Material Change</td></tr><tr><td></td><td>IP Mains</td><td></td><td>Syphon</td><td></td><td>Out of Standard Service</td></tr><tr><td></td><td>LHP Mains</td><td></td><td></td><td></td><td></td></tr></table>				LP Mains		Valve		Diameter Change		MP Mains		Depth of cover		Material Change		IP Mains		Syphon		Out of Standard Service		LHP Mains					<p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p> <p>Out-of-standard service symbology may be used to indicate one or more of the following:</p> <ul style="list-style-type: none"><li>• Identification of shallow services</li><li>• Identification of dual services</li><li>• Recording of non-perpendicular services</li></ul> <p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p>
	LP Mains		Valve			Diameter Change																							
	MP Mains		Depth of cover		Material Change																								
	IP Mains		Syphon		Out of Standard Service																								
	LHP Mains																												
Scale: 1:500 (When plotted at A3)																													

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Warning: PDF designed for A3 colour print only with no page scaling

	View extent: 200m, 115m	<b>In case of an emergency call 0800 111 999</b>		<div data-bbox="2412 1728 2896 1927"><p>Your Gas Network</p></div>			
<p>Date Requested: 09/04/2024 Job Reference: 33038837 Site Location: 500866 203176 Requested by: Miss Rachel Dyson Your Scheme/Reference: 33977</p> <p>Scale: 1:500 (When plotted at A3)</p>	<p>IMPORTANT NOTICES</p> <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>	<div data-bbox="1012 1728 1774 2007"><div data-bbox="1012 1728 1774 1759">50m</div><div data-bbox="1012 1780 1774 2007"><table><tr><td data-bbox="1012 1780 1299 2007"><p>Dig Sites</p><div><div></div> LP Mains</div><div><div></div> MP Mains</div><div><div></div> IP Mains</div><div><div></div> LHP Mains</div></td></tr></table></div></div>			<p>Dig Sites</p> <div><div></div> LP Mains</div> <div><div></div> MP Mains</div> <div><div></div> IP Mains</div> <div><div></div> LHP Mains</div>	<p>Area: </p> <div><div> Valve</div><div> Depth of cover</div><div> Syphon</div></div>	<p>Line: </p> <div><div> Diameter Change</div><div> Material Change</div><div> Out of Standard Service</div></div>
<p>Dig Sites</p> <div><div></div> LP Mains</div> <div><div></div> MP Mains</div> <div><div></div> IP Mains</div> <div><div></div> LHP Mains</div>							



Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

**In case of an emergency call 0800 111 999**

Dig Sites

LP Mains

MP Mains

IP Mains

LHP Mains

Area:

Valve

Depth of cover

Syphon

Line:

Diameter Change

Material Change

Out of Standard Service

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

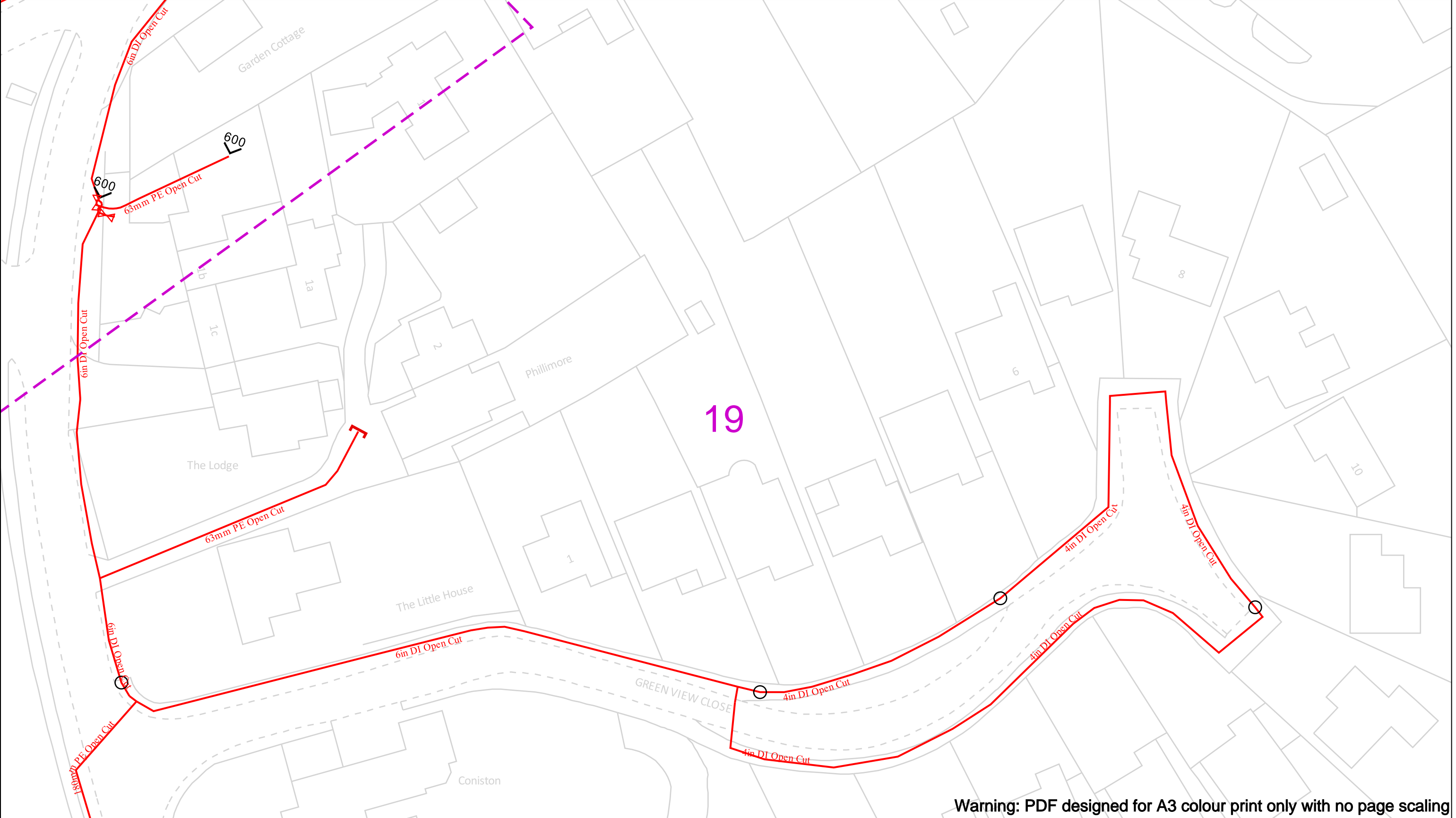
A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Cadent

Your Gas Network

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886





Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

In case of an emergency call 0800 111 999

50m

Dig Sites	Area:	Line:
LP Mains	Valve	Diameter Change
MP Mains	Depth of cover	Material Change
IP Mains	Syphon	Out of Standard Service
LHP Mains		

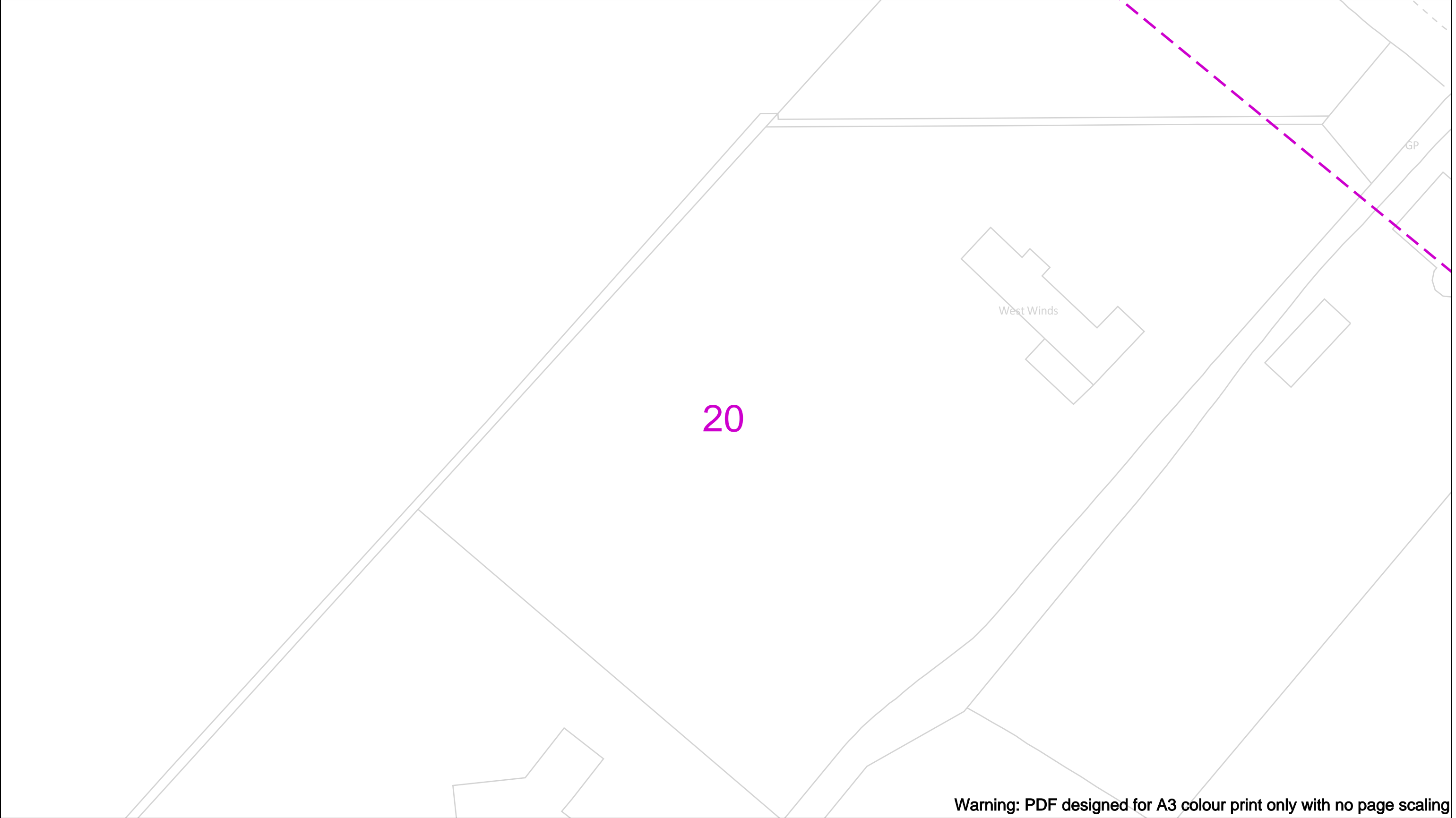
Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Your Gas Network

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

**In case of an emergency call 0800 111 999**

**Dig Sites**

	LP Mains		Valve		Area:		Line:
	MP Mains		Depth of cover				
	IP Mains		Syphon				
	LHP Mains		Out of Standard Service				

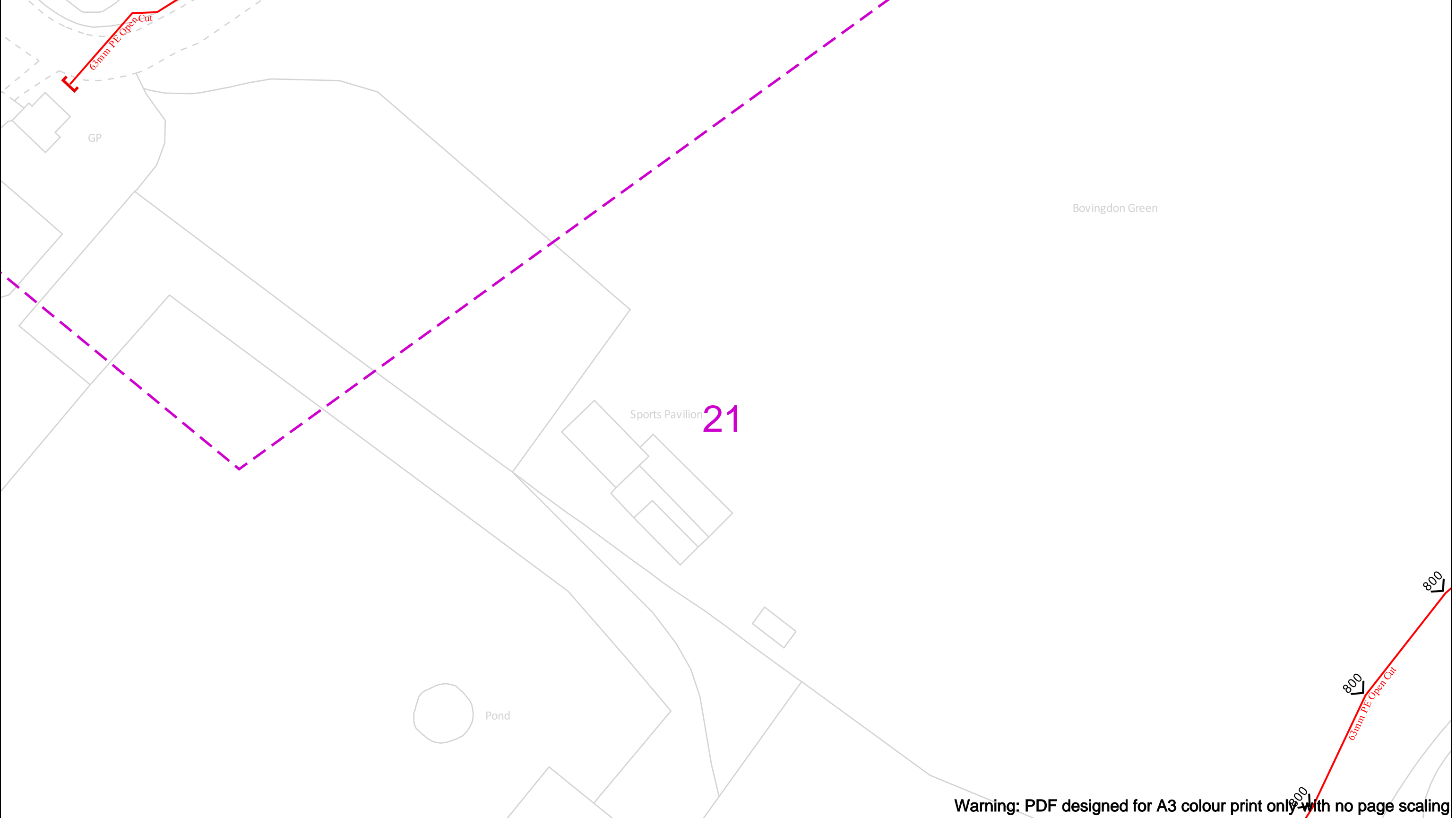
Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Your Gas Network

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 09/04/2024  
Job Reference: 33038837  
Site Location: 500866 203176  
Requested by:  
Miss Rachel Dyson  
Your Scheme/Reference: 33977

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with H5(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

**In case of an emergency call 0800 111 999**

50m

<b>Dig Sites</b>		<b>Area:</b>		<b>Line:</b>	
	LP Mains		Valve		Diameter Change
	MP Mains		Depth of cover		Material Change
	IP Mains		Syphon		Out of Standard Service
	LHP Mains				

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

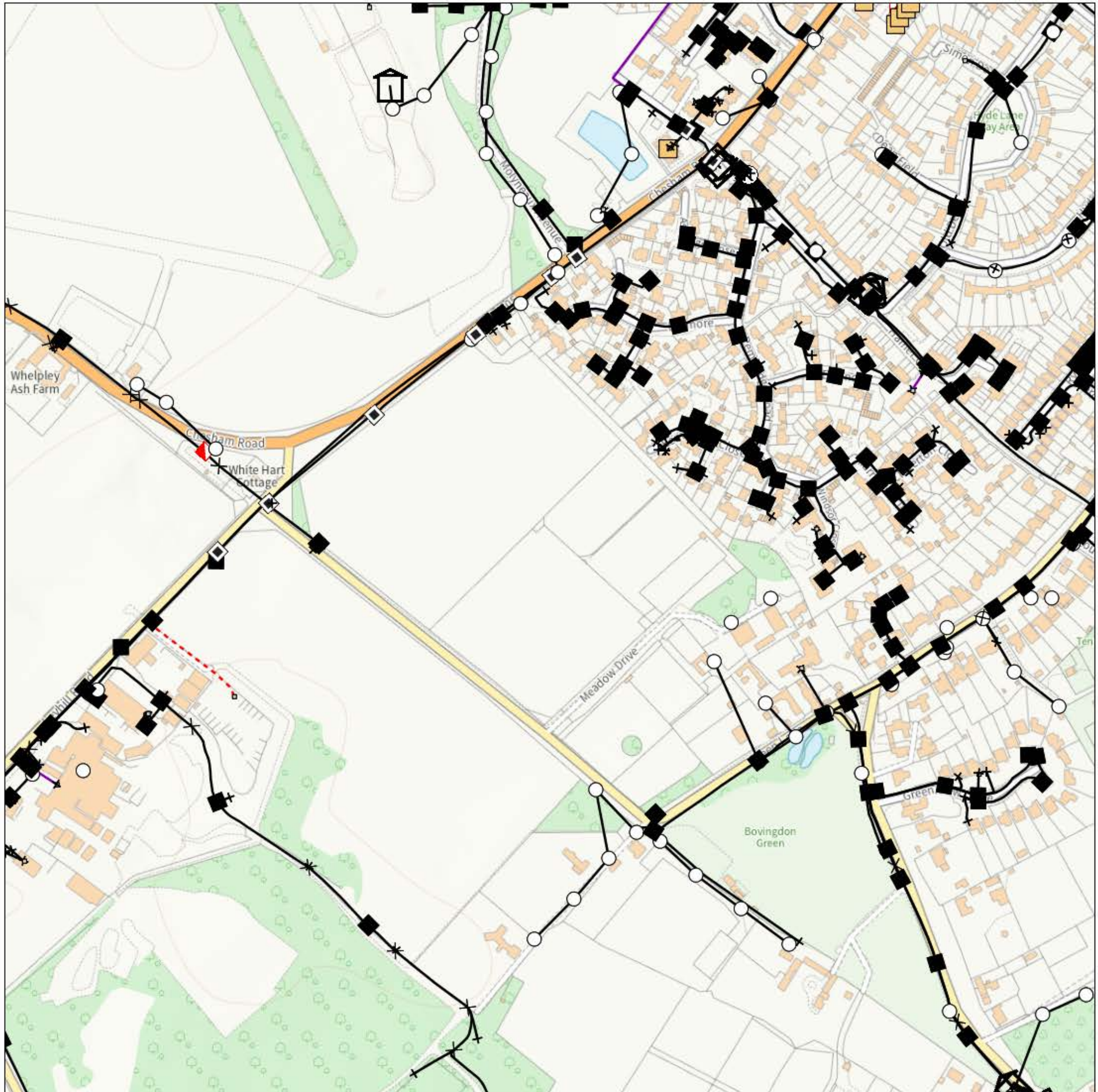
Your Gas Network

Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886

TELECOM



# Maps by email Plant Information Reply



## IMPORTANT WARNING

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



**openreach**

### CLICK BEFORE YOU DIG

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

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

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

### Accidents happen

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

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

## KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling		Built	
Pole			Duct Tee		Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : GOT12085Z

Map Reference : (centre) TL0087203184

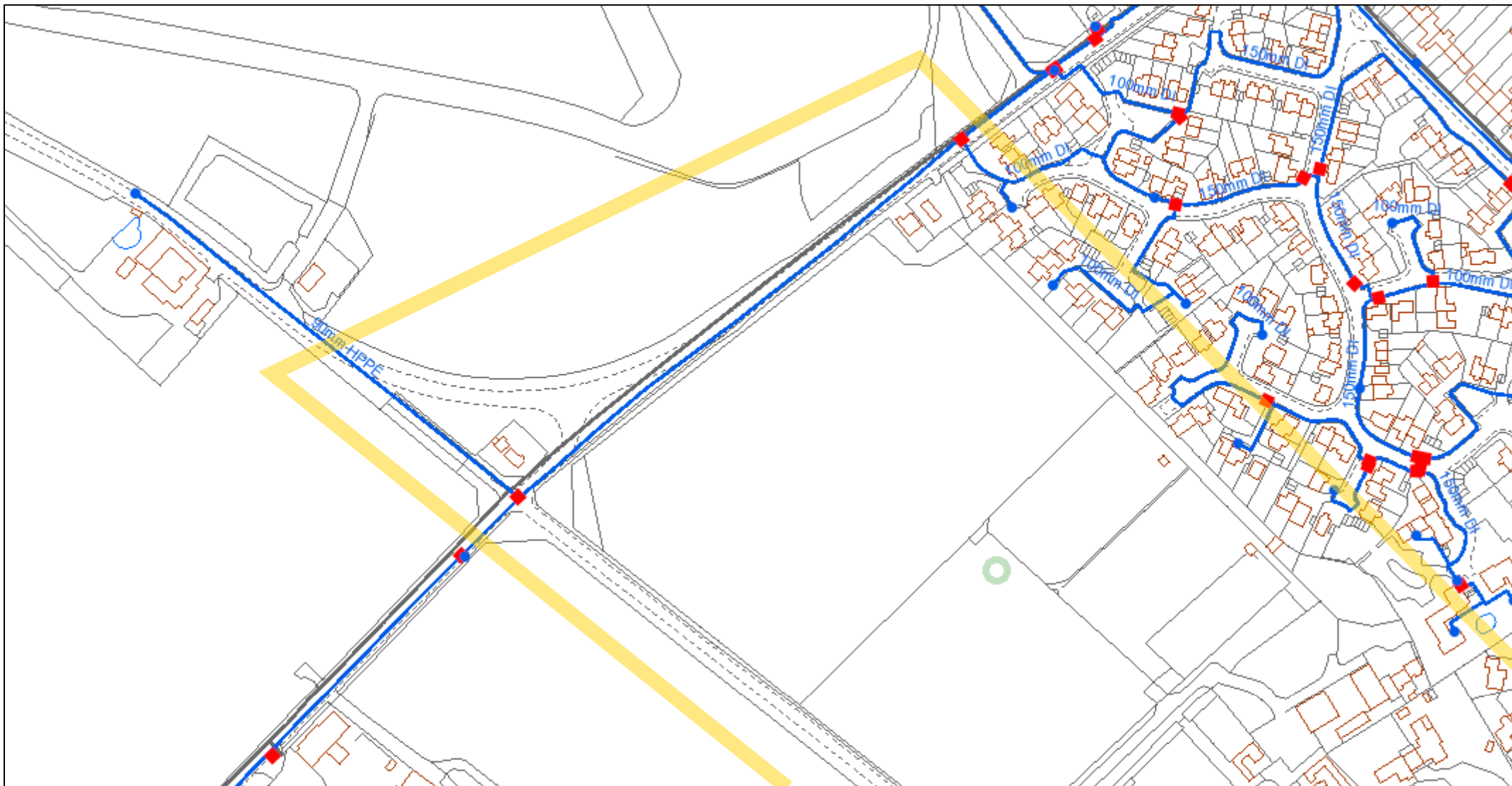
Easting/Northing : (centre) 500872,203184

Issued : 09/04/2024 12:08:23

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



WATER

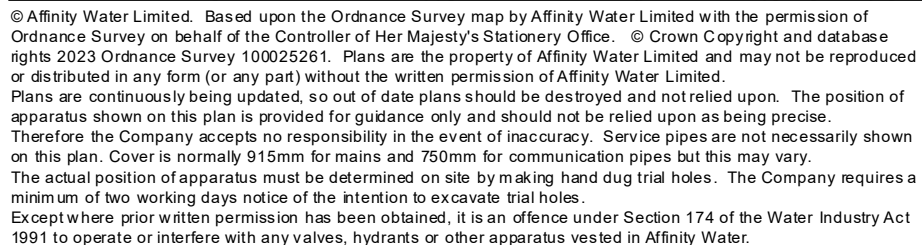













© Affinity Water Limited. Based upon the Ordnance Survey map by Affinity Water Limited with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office. © Crown Copyright and database rights 2023 Ordnance Survey 100025261. Plans are the property of Affinity Water Limited and may not be reproduced or distributed in any form (or any part) without the written permission of Affinity Water Limited. Plans are continuously being updated, so out of date plans should be destroyed and not relied upon. The position of apparatus shown on this plan is provided for guidance only and should not be relied upon as being precise. Therefore the Company accepts no responsibility in the event of inaccuracy. Service pipes are not necessarily shown on this plan. Cover is normally 915mm for mains and 750mm for communication pipes but this may vary. The actual position of apparatus must be determined on site by making hand dug trial holes. The Company requires a minimum of two working days notice of the intention to excavate trial holes. Except where prior written permission has been obtained, it is an offence under Section 174 of the Water Industry Act 1991 to operate or interfere with any valves, hydrants or other apparatus vested in Affinity Water.



1:2,967

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



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



Milton Keynes Surveys Limited  
1Potters Lane  
KILN FARM  
MILTON KEYNES  
MK11 3HE

**Search address supplied**      Bovingdon  
Hertfordshire  
HP3 0LB

**Your reference**                      33977

**Our reference**                      ALS/ALS Standard/2024\_4972317

**Search date**                      11 April 2024

## Notification of Price Changes

From 1<sup>st</sup> April 2024 Thames Water Property Searches will be increasing the prices of its CON29DW Residential and Commercial searches along with the Asset Location Search. Costs will rise in line with RPI as per previous years, which is sat at 6%.

Customers will be emailed with the new prices by February 28<sup>th</sup> 2024.

Any orders received with a higher payment prior to the 1<sup>st</sup> April 2024 will be non-refundable. For further details on the price increase please visit our website at [www.thameswater-propertysearches.co.uk](http://www.thameswater-propertysearches.co.uk).



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



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



0800 009 4540

**Search address supplied:** Bovingdon, Hertfordshire, HP3 0LB

Dear Sir / Madam

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

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

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

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

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

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

### Contact Us

If you have any further queries regarding this enquiry please feel free to contact a member of the team on 0800 009 4540, or use the address below:

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

Email: [searches@thameswater.co.uk](mailto:searches@thameswater.co.uk)

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

### Waste Water Services

**Please provide a copy extract from the public sewer map.**

The following quartiles have been printed as they fall within Thames' sewerage area:

TL0003SE  
TL0103SW  
TL0102NW  
TL0002NE

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

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

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

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

For your guidance:

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

### Clean Water Services

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

Following examination of our statutory maps, Thames Water has been unable to find any plans of water mains within this area. If you require a connection to the public water supply system, please write to:

New Connections / Diversions  
Thames Water  
Network Services Business Centre  
Brentford  
Middlesex  
TW8 0EE

Tel: 0845 850 2777  
Fax: 0207 713 3858  
Email: [developer.services@thameswater.co.uk](mailto:developer.services@thameswater.co.uk)

The following quartiles have not been printed as they are out of Thames' water catchment area. For details of the assets requested please contact the water company indicated below:

TL0003SE	Affinity Water
TL0103SW	Affinity Water
TL0102NW	Affinity Water
TL0002NE	Affinity Water

Affinity Water Ltd  
Tamblin Way  
Hatfield  
AL10 9EZ

Tel: 0345 3572401

For your guidance:

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

### Payment for this Search

A charge will be added to your suppliers account.



### Further contacts:

#### Waste Water queries

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

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

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

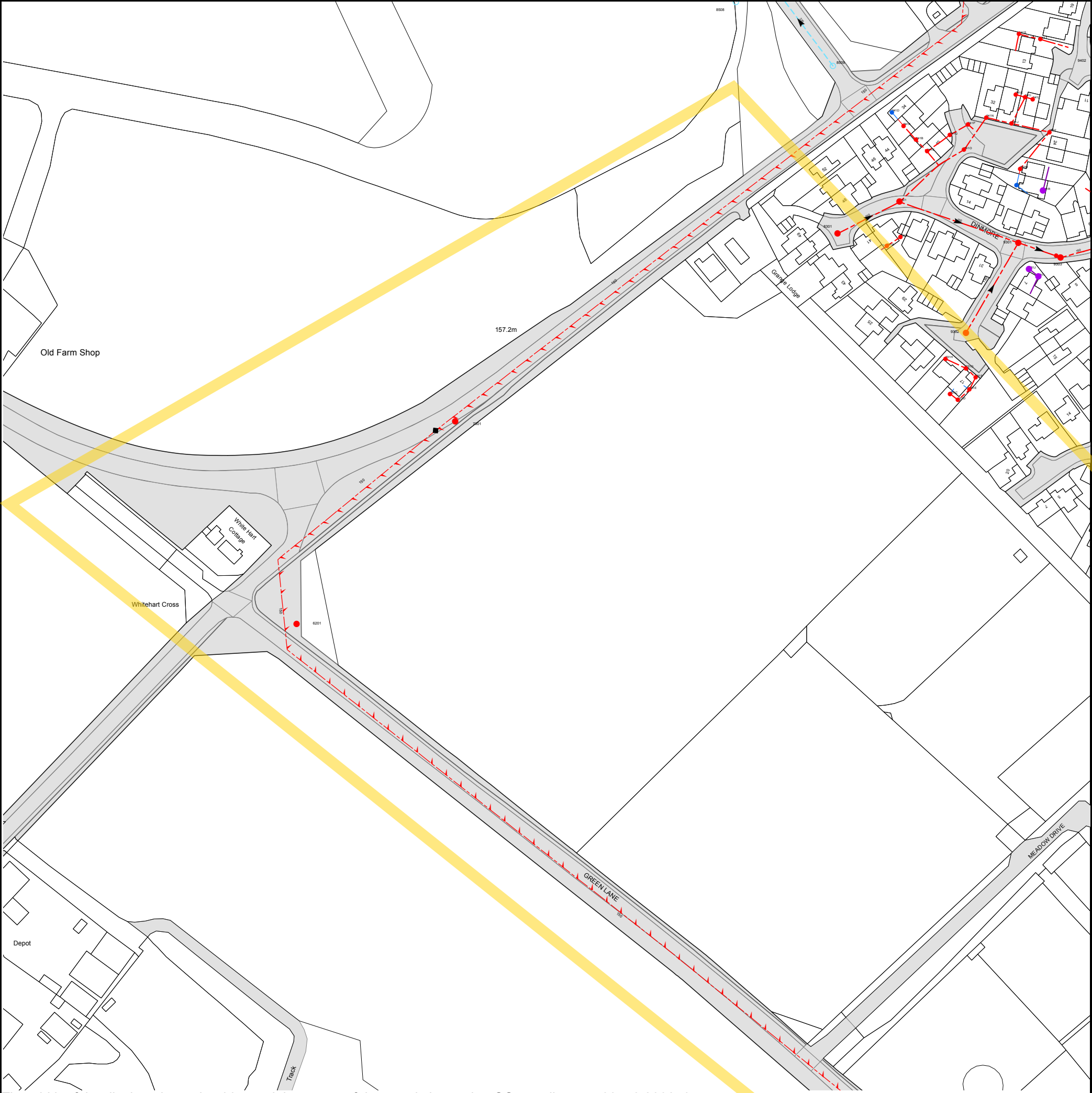
Tel: 0800 009 3921  
Email: [developer.services@thameswater.co.uk](mailto:developer.services@thameswater.co.uk)

#### Clean Water queries

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

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

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



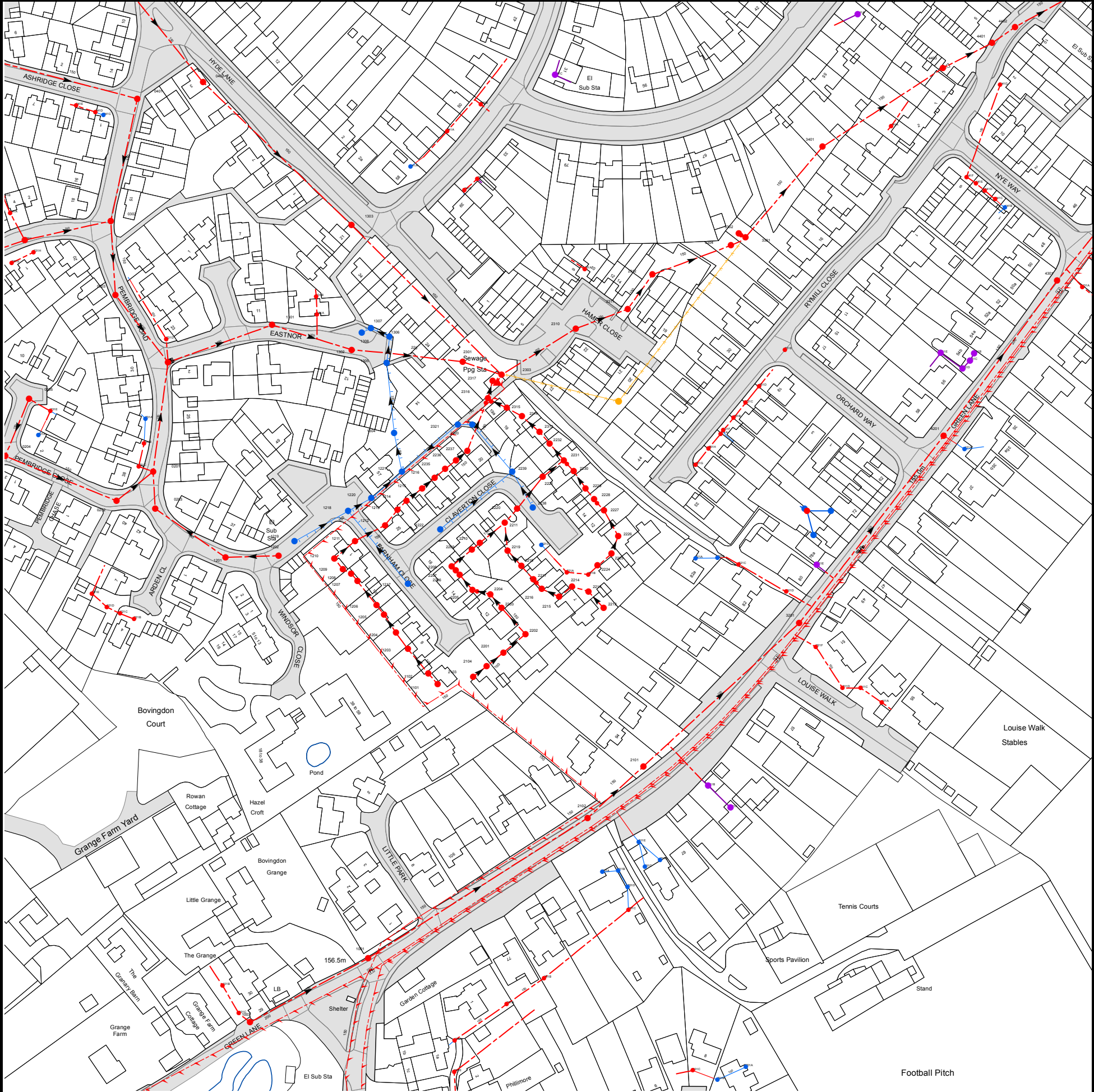
The width of the displayed area is 500m and the centre of the map is located at OS coordinates 500750,203250

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

Based on the Ordnance Survey Map (2020) with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

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

Manhole Reference	Manhole Cover Level	Manhole Invert Level
6201	156.36	n/a
941N	n/a	n/a
941J	n/a	n/a
941K	n/a	n/a
941E	n/a	n/a
9301	152.87	151.23
941M	n/a	n/a
941I	n/a	n/a
941L	n/a	n/a
941F	n/a	n/a
9303	152.36	150.3
9402	152.73	151.02
7301	n/a	n/a
8508	n/a	n/a
8509	n/a	n/a
8301	155.06	152.98
931A	n/a	n/a
941D	n/a	n/a
9401	154.18	151.87
931B	n/a	n/a
941A	n/a	n/a
941B	n/a	n/a
941C	n/a	n/a
931H	n/a	n/a
931C	n/a	n/a
931D	n/a	n/a
941O	n/a	n/a
931G	n/a	n/a
9302	153.63	151.51
931E	n/a	n/a
931F	n/a	n/a
941Q	n/a	n/a
941P	n/a	n/a
941S	n/a	n/a
931J	n/a	n/a
931I	n/a	n/a
941T	n/a	n/a
941R	n/a	n/a
The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.		



The width of the displayed area is 500m and the centre of the map is located at OS coordinates 501250,203250

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

Based on the Ordnance Survey Map (2020) with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

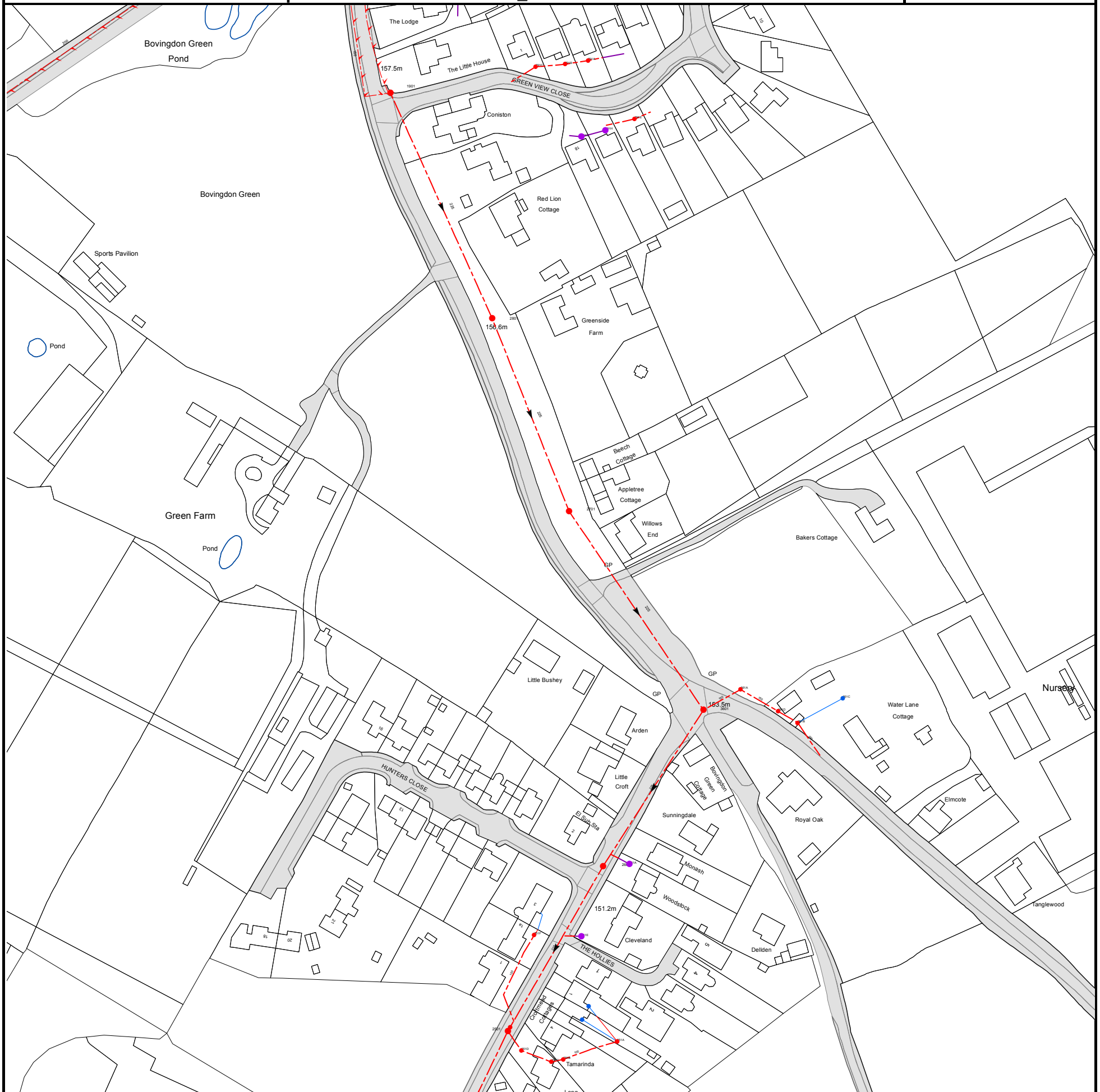


NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

Manhole Reference	Manhole Cover Level	Manhole Invert Level
0302	152.21	149.82
0303	151.51	149.48
0401	153.96	150.84
031B	n/a	n/a
031A	n/a	n/a
031D	n/a	n/a
0304	151.07	149.19
0402	154.93	153.42
1301	150.74	148.71
1303	152.19	150.4
1302	150.47	148.55
1308	n/a	n/a
1307	n/a	149.21
1305	n/a	149.46
1306	n/a	149.32
1304	n/a	149.79
141A	n/a	n/a
241A	n/a	n/a
2236	n/a	n/a
2321	n/a	150.25
2301	150.38	148.26
2237	n/a	150.24
2320	n/a	150.3
241B	n/a	n/a
2316	n/a	148.6
2317	n/a	148.3
2226	n/a	153.38
32ZY	n/a	n/a
2211	n/a	151.315
32ZX	n/a	n/a
32ZT	n/a	n/a
2227	n/a	153.02
2220	n/a	151.18
32ZW	n/a	n/a
2238	n/a	n/a
2228	n/a	152.14
2229	n/a	152
2221	n/a	n/a
2239	n/a	n/a
2230	n/a	n/a
2231	n/a	n/a
421A	155.66	153.69
2232	n/a	n/a
4201	154.67	152.93
2313	n/a	150.53
2314	n/a	n/a
2315	n/a	150.37
2303	150.53	148.51
2310	150	148.25
2311	149.89	148.09
1207	n/a	n/a
2206	n/a	n/a
1208	n/a	n/a
2207	n/a	n/a
1209	n/a	n/a
2208	n/a	151.82
1210	n/a	152.1
1201	153.87	152.18
1202	153.73	152.32
2209	n/a	151.57
2210	n/a	n/a
1219	153.37	151.98
1211	n/a	n/a
1222	n/a	n/a
1212	n/a	150.22
1218	n/a	n/a
1213	n/a	n/a
0203	152.87	151.6
0202	152.38	150.12
1214	n/a	151
1220	n/a	n/a
1215	n/a	150.62
1216	n/a	n/a
1221	151.8	150
0201	152.14	149.81
2235	n/a	150.45
031C	n/a	n/a
211A	n/a	n/a
211B	n/a	n/a
2102	156.31	154.17
311A	n/a	n/a
311B	n/a	n/a
2101	156.65	153.94
2201	n/a	153.2
2202	n/a	153
3201	156.17	153.5
2212	n/a	153.6
2215	n/a	153
321D	n/a	n/a
2213	n/a	153.35

Manhole Reference	Manhole Cover Level	Manhole Invert Level
2216	n/a	152.8
2214	n/a	n/a
2217	n/a	152.29
221B	n/a	n/a
221A	n/a	n/a
2218	n/a	152.15
2224	n/a	153.6
321E	n/a	n/a
321C	n/a	n/a
321A	n/a	n/a
321B	n/a	n/a
2225	n/a	n/a
2219	n/a	151.93
221C	n/a	n/a
201E	n/a	n/a
101A	n/a	n/a
1003	156.71	155.21
1001	156.66	154.72
1101	n/a	153.6
2103	n/a	153.9
1102	n/a	n/a
2104	n/a	153.48
1203	n/a	153.1
1204	n/a	n/a
021B	n/a	n/a
1205	n/a	152.78
021C	n/a	n/a
2203	n/a	152.75
021D	n/a	n/a
1206	n/a	n/a
2204	n/a	152.6
021E	n/a	n/a
2205	n/a	152.05
1217	153.54	152.11
301B	n/a	n/a
301C	n/a	n/a
301A	n/a	n/a
201A	n/a	n/a
201B	n/a	n/a
201C	n/a	n/a
201D	n/a	n/a
4301	152.48	150.36
2312	149.77	147.99
231A	n/a	n/a
3304	n/a	147.75
3301	150	147.72
3302	149.97	148.41
441B	n/a	n/a
441C	n/a	n/a
441D	n/a	n/a
441E	n/a	n/a
441F	n/a	n/a
3401	n/a	n/a
441A	n/a	n/a
441G	n/a	n/a
4403	148.57	147.11
4401	148.24	146.97
4402	148.29	146.93
341A	n/a	n/a
4404	n/a	n/a
041B	n/a	n/a
0204	151.67	150.34
041A	n/a	n/a
031G	n/a	n/a
0301	151.68	150.11
0305	151.76	150.51
031H	n/a	n/a
021A	n/a	n/a
031E	n/a	n/a
041E	n/a	n/a
041D	n/a	n/a
041C	n/a	n/a
131B	n/a	n/a
131A	n/a	n/a
241E	n/a	n/a
241D	n/a	n/a
241C	n/a	n/a
321G	n/a	n/a
321H	n/a	n/a
331A	n/a	n/a
331F	n/a	n/a
331B	n/a	n/a
331C	n/a	n/a
331D	n/a	n/a
331E	n/a	n/a
321F	n/a	n/a
311D	n/a	n/a
311C	n/a	n/a
431E	n/a	n/a
431D	n/a	n/a
431C	n/a	n/a
431B	n/a	n/a
431A	n/a	n/a

Manhole Reference	Manhole Cover Level	Manhole Invert Level
101C	n/a	n/a
101B	n/a	n/a
211C	n/a	n/a
211D	n/a	n/a
211E	n/a	n/a
411A	n/a	n/a
The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.		



The width of the displayed area is 500m and the centre of the map is located at OS coordinates 501250,202750

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

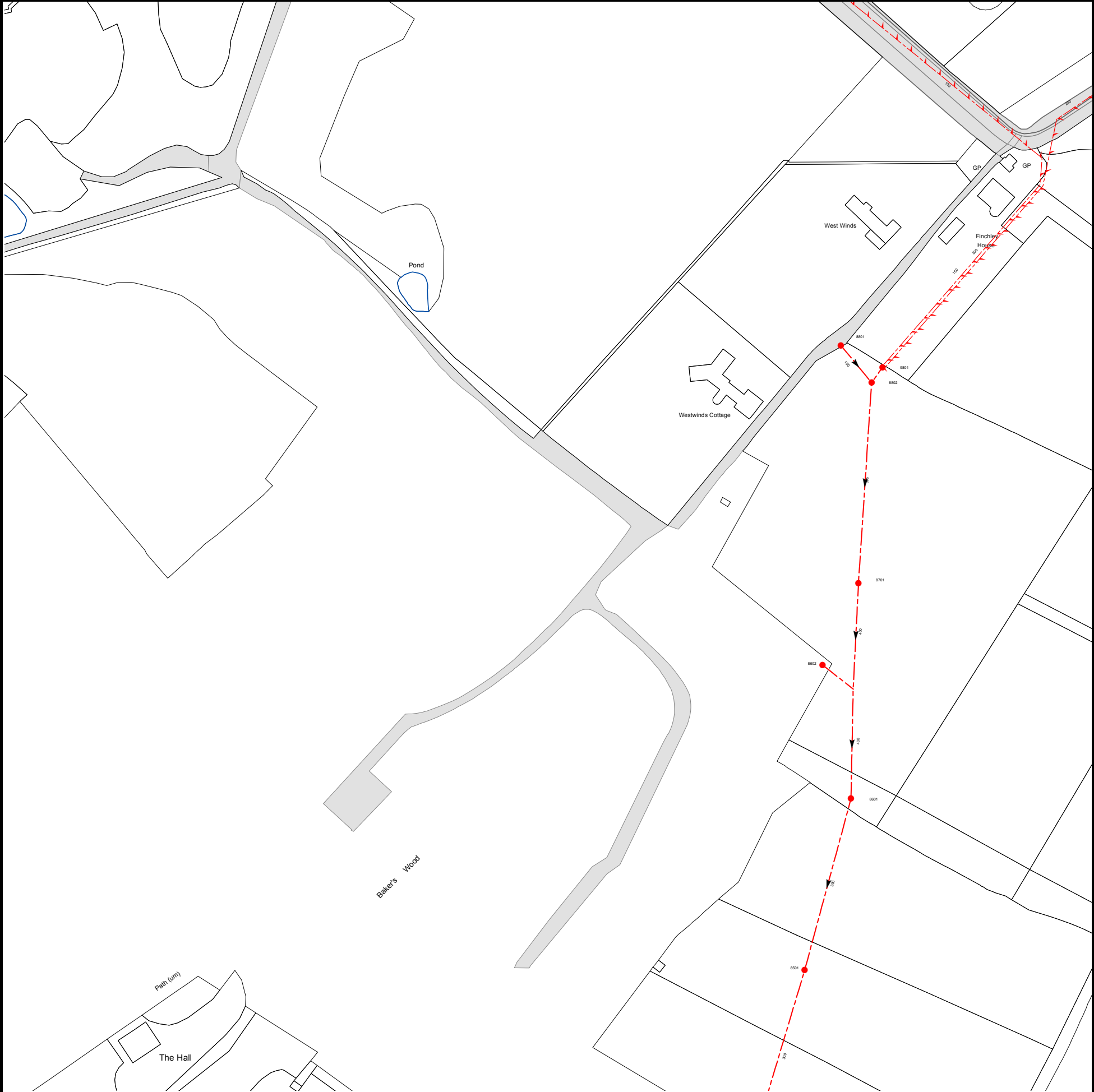
Based on the Ordnance Survey Map (2020) with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.



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

Manhole Reference	Manhole Cover Level	Manhole Invert Level
2801	156.77	155.11
1901	157.68	156.04
291D	n/a	n/a
2501	149.56	146.89
251E	n/a	n/a
2601	151.81	150.2
261A	n/a	n/a
361B	n/a	n/a
361D	n/a	n/a
3601	153.46	151.32
361C	n/a	n/a
361A	n/a	n/a
2701	n/a	n/a
291G	n/a	n/a
291H	n/a	n/a
291E	n/a	n/a
291C	n/a	n/a
291B	n/a	n/a
291A	n/a	n/a
251C	n/a	n/a
251B	n/a	n/a
251D	n/a	n/a
25ZW	n/a	n/a
251A	n/a	n/a
25ZX	n/a	n/a
25ZY	n/a	n/a
251F	n/a	n/a

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



The width of the displayed area is 500m and the centre of the map is located at OS coordinates 500750,202750

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

Based on the Ordnance Survey Map (2020) with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

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

Manhole Reference	Manhole Cover Level	Manhole Invert Level
8802	158.94	155.94
9801	158.9	156.62
8801	159.26	156.47
8501	155.73	153.43
8601	157.48	154.47
8602	158.47	155.44
8701	n/a	n/a
The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.		



# Asset Location Search - Sewer Key

## Public Sewer Types (Operated and maintained by Thames Water)

	<b>Foul Sewer:</b> A sewer designed to convey waste water from domestic and industrial sources to a treatment works.
	<b>Surface Water Sewer:</b> A sewer designed to convey surface water (e.g. rain water from roofs, yards and car parks) to rivers or watercourses.
	<b>Combined Sewer:</b> A sewer designed to convey both waste water and surface water from domestic and industrial sources to a treatment works.
	<b>Storm Sewer</b>
	<b>Sludge Sewer</b>
	<b>Foul Trunk Sewer</b>
	<b>Surface Trunk Sewer</b>
	<b>Combined Trunk Sewer</b>
	<b>Foul Rising Main</b>
	<b>Surface Water Rising Main</b>
	<b>Combined Rising Main</b>
	<b>Vacuum</b>
	<b>Thames Water Proposed</b>
	<b>Vent Pipe</b>
	<b>Gallery</b>

## Other Sewer Types (Not operated and maintained by Thames Water)

	<b>Sewer</b>		<b>Culverted Watercourse</b>
	<b>Proposed</b>		<b>Decommissioned Sewer</b>
	<b>Content of this drainage network is currently unknown</b>		<b>Ownership of this drainage network is currently unknown</b>

### Notes:

- 1) All levels associated with the plans are to Ordnance Datum Newlyn.
- 2) All measurements on the plan are metric.
- 3) Arrows (on gravity fed sewers) or flecks (on rising mains) indicate the direction of flow.
- 4) Most private pipes are not shown on our plans, as in the past, this information has not been recorded.

## Sewer Fittings

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

	<b>Air Valve</b>		<b>Meter</b>
	<b>Dam Chase</b>		<b>Vent</b>
	<b>Fitting</b>		

## Operational Controls

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

	<b>Ancillary</b>		<b>Drop Pipe</b>
	<b>Control Valve</b>		<b>Weir</b>

## End Items

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

	<b>Inlet</b>		<b>Outfall</b>
	<b>Undefined End</b>		

## Other Symbols

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

	<b>Change of Characteristic Indicator</b>		<b>Public / Private Pumping Station</b>
	<b>Invert Level</b>		<b>Summit</b>

## Areas

Lines denoting areas of underground surveys, etc.

	<b>Agreement</b>
	<b>Chamber</b>
	<b>Operational Site</b>

## Ducts or Crossings

	<b>Casement</b>	Ducts may contain high voltage cables. Please check with Thames Water.
	<b>Conduit Bridge</b>	
	<b>Subway</b>	
	<b>Tunnel</b>	

5) 'na' or '0' on a manhole indicates that data is unavailable.

6) The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimeters. Text next to a manhole indicates the manhole reference number and should not be taken as a measurement. If you are unsure about any text or symbology, please contact Property Searches on 0800 009 4540.



## Payment Terms and Conditions

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

1. All goods remain in the property of Thames Water Utilities Ltd until full payment is received.
2. Provision of service will be in accordance with all legal requirements and published TWUL policies.
3. All invoices are strictly due for payment within 14 days of the date of the invoice. Any other terms must be accepted/agreed in writing prior to provision of goods or service or will be held to be invalid.
4. Penalty interest may be invoked by TWUL in the event of unjustifiable payment delay. Interest charges will be in line with UK Statute Law 'The Late Payment of Commercial Debts (Interest) Act 1998'.
5. Interest will be charged in line with current Court Interest Charges, if legal action is taken.
6. A charge may be made at the discretion of the company for increased administration costs.

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

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

If you are unhappy with our service, you can speak to your original goods or customer service provider. If you are still not satisfied with the outcome provided, we will refer the matter to a Senior Manager for resolution who will provide you with a response.

If you are still dissatisfied with our final response, and in certain circumstances such as you are buying a residential property or commercial property within certain parameters, The Property Ombudsman will investigate your case and give an independent view. The Ombudsman can award compensation of up to £25,000 to you if he finds that you have suffered actual financial loss and/or aggravation, distress, or inconvenience because of your search not keeping to the Code. Further information can be obtained by visiting [www.tpos.co.uk](http://www.tpos.co.uk) or by sending an email to [admin@tpos.co.uk](mailto:admin@tpos.co.uk).

If the Goods or Services covered by this invoice falls under the regulation of the 1991 Water Industry Act, and you remain dissatisfied you can refer your complaint to Consumer Council for Water on 0300 034 2222 or write to them at Consumer Council for Water, 1st Floor, Victoria Square House, Victoria Square, Birmingham, B2 4AJ.

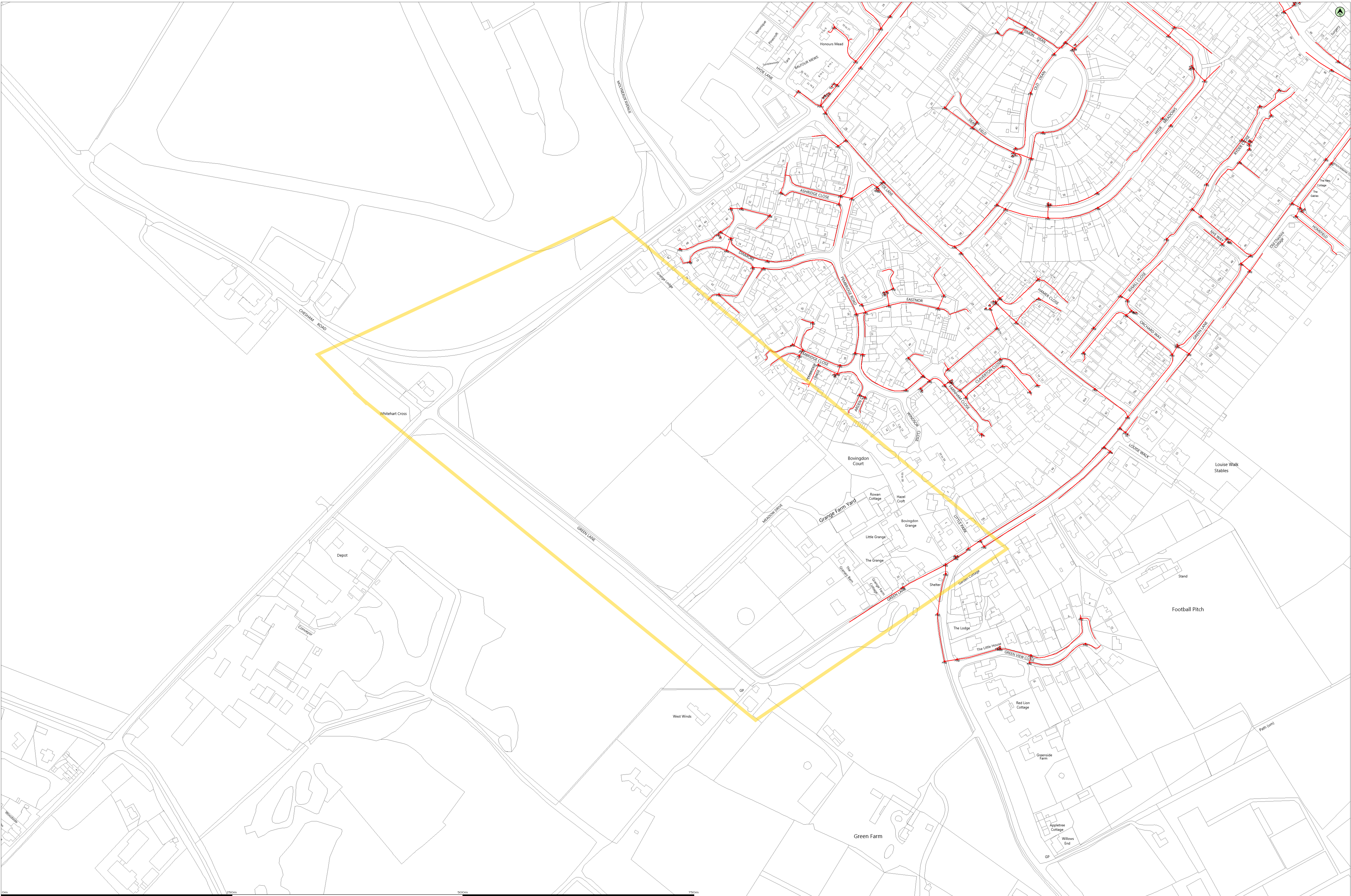
### Ways to pay your bill

Credit Card	BACS Payment	Telephone Banking
Please Call <b>0800 009 4540</b> quoting your invoice number starting CBA or ADS	Account number <b>90478703</b> Sort code <b>60-00-01</b> A remittance advice must be sent to: <b>Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW.</b> or email <a href="mailto:ps.billing@thameswater.co.uk">ps.billing@thameswater.co.uk</a>	By calling your bank and quoting: Account number <b>90478703</b> Sort code <b>60-00-01</b> and your invoice number

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

CATV





0m 250m 500m 750m



COMMUNICATIONS



## Rachel Dyson (MK Surveys)

---

**From:** NRSWA <nrswa.nrswa@sky.uk>  
**Sent:** 09 April 2024 08:54  
**To:** Rachel Dyson (MK Surveys)  
**Subject:** 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry



Thank you for your enquiry.

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

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

Regards



NRSWA Department  
Sky UK - Technology - Operations

 [nrswa@sky.uk](mailto:nrswa@sky.uk)  +44 2070323234

---

**From:** Rachel Dyson (MK Surveys) <rachel.dyson@mksurveys.co.uk>  
**Sent:** Monday, April 8, 2024 5:40 PM  
**To:** NRSWA <nrswa.nrswa@sky.uk>; Colt (plantenquiries@catelecomuk.com) <plantenquiries@catelecomuk.com>; check-network <check-network@arelion.com>; Environment Agency (enquiries@environment-agency.gov.uk) <enquiries@environment-agency.gov.uk>; Instalcom (plantenquiries@instalcom.co.uk) <plantenquiries@instalcom.co.uk>; Network Rail (OPBuriedServicesEnquiries@networkrail.co.uk) <OPBuriedServicesEnquiries@networkrail.co.uk>; Verizon (osp-team@uk.verizonbusiness.com) <osp-team@uk.verizonbusiness.com>; Vodafone (OSM.enquiries@atkinsglobal.com) <OSM.enquiries@atkinsglobal.com>  
**Subject:** [EXTERNAL] 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry  
**Importance:** High

Could you please provide us with any plant records you hold for the above site. Location plan attached.

Grid Ref: Easting : 500872 , Northing : 203184





bitmap\_layout select\_raster

LEGEND

- EXISTING PLANT
- EXISTING PLANT

bitmap\_layout select\_raster

Head Office  
CityFibre Holdings Ltd  
15 Bedford Street,  
London,  
WC2E 9HE  
  
Tel: 0845 293 0774  
Web: www.cityfibre.com

Asset Office  
CityFibre Holdings Ltd,  
Rutherford House,  
Birchwood,  
Warrington,  
WA3 6ZH  
  
Email: asset.team@cityfibre.com

Disclaimer:

Information shown on this plan is for general guidance only. No warranty is made as to its accuracy. This plan must not be solely relied upon in the event of excavation or other works being carried out in the vicinity of Cityfibre plant. No liability of any kind is accepted by Cityfibre, its agents or servants for any error, omission, discrepancy or deviation. This information is valid for the date printed.

Project

Plant Enquiry

Drawing

Existing Plant

Drawn by:

smallworld Date: 03/05/2024

Drawing No. Revision

CFH\_EP\_000001 001





## Rachel Dyson (MK Surveys)

---

**From:** Plantenquiries - CA Telecom <plantenquiries@catelecomuk.com>  
**Sent:** 11 April 2024 11:25  
**To:** Rachel Dyson (MK Surveys)  
**Subject:** RE: 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry

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

Dear Sir/Madam,

Thank you for your enquiry for the above reference.

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

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

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

Kind regards,

**Plant Enquiry Team**

---



**Please consider the environment before printing this email.**

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

---

**From:** Rachel Dyson (MK Surveys) <rachel.dyson@mksurveys.co.uk>  
**Sent:** 08 April 2024 17:40  
**To:** BSkyB (nrswa@bskyb.com) <nrswa@bskyb.com>; Plantenquiries - CA Telecom <plantenquiries@catelecomuk.com>; check-network <check-network@arelion.com>; Environment Agency





## Rachel Dyson (MK Surveys)

---

**From:** UK OSP-Team . <osp-team@verizon.com>  
**Sent:** 15 April 2024 11:06  
**To:** Rachel Dyson (MK Surveys); UK OSP-Team  
**Subject:** Re: 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry

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 (GGS) Email [osp-team@uk.verizon.com](mailto:osp-team@uk.verizon.com)

On Mon, 8 Apr 2024 at 17:41, Rachel Dyson (MK Surveys) <[rachel.dyson@mksurveys.co.uk](mailto:rachel.dyson@mksurveys.co.uk)> wrote:

Could you please provide us with any plant records you hold for the above site. Location plan attached.

Grid Ref: Easting : 500872 , Northing : 203184

If you have any queries please do not hesitate to contact me.



## Rachel Dyson (MK Surveys)

---

**From:** T.N, Vathsala <Vathsala.T.N@atkinsrealis.com>  
**Sent:** 10 April 2024 09:16  
**To:** Rachel Dyson (MK Surveys)  
**Subject:** RE: 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry

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(va)  
T: +44 (0)1454 662881  
E: [osm.enquiries@atkinsglobal.com](mailto:osm.enquiries@atkinsglobal.com)

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



This response is made only in respect to electronic communications apparatus forming part of the Vodafone Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK, 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 'C3 Budget Estimate' to [c3requests@vodafone.com](mailto:c3requests@vodafone.com). These estimates should be provided by Vodafone normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 (using the 'forward' option).



Please consider the environment before printing this e-mail

At Atkins - member of the SNC-Lavalin Group, we work flexible hours around the world. Although I have sent this email at a time convenient for me, I don't expect you to respond until it works for you.

---

**From:** Rachel Dyson (MK Surveys) <[rachel.dyson@mksurveys.co.uk](mailto:rachel.dyson@mksurveys.co.uk)>  
**Sent:** Monday, April 8, 2024 10:10 PM  
**To:** BSKyB ([nrswa@bskyb.com](mailto:nrswa@bskyb.com)) <[nrswa@bskyb.com](mailto:nrswa@bskyb.com)>; Colt ([plantenquiries@catelecomuk.com](mailto:plantenquiries@catelecomuk.com)) <[plantenquiries@catelecomuk.com](mailto:plantenquiries@catelecomuk.com)>; check-network <[check-network@arelion.com](mailto:check-network@arelion.com)>; Environment Agency ([enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)) <[enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)>; Instalcom ([plantenquiries@instalcom.co.uk](mailto:plantenquiries@instalcom.co.uk)) <[plantenquiries@instalcom.co.uk](mailto:plantenquiries@instalcom.co.uk)>; Network Rail ([OPBuriedServicesEnquiries@networkrail.co.uk](mailto:OPBuriedServicesEnquiries@networkrail.co.uk)) <[OPBuriedServicesEnquiries@networkrail.co.uk](mailto:OPBuriedServicesEnquiries@networkrail.co.uk)>; Verizon ([osp-team@uk.verizonbusiness.com](mailto:osp-team@uk.verizonbusiness.com)) <[osp-team@uk.verizonbusiness.com](mailto:osp-team@uk.verizonbusiness.com)>; National Plant Enquiries <[OSM.enquiries@atkinsrealis.com](mailto:OSM.enquiries@atkinsrealis.com)>  
**Subject:** 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry  
**Importance:** High

NEW INSTALLATIONS



## Rachel Dyson (MK Surveys)

---

**From:** plantenquiryservice@gtc-uk.co.uk  
**Sent:** 03 May 2024 12:09  
**To:** Rachel Dyson (MK Surveys)  
**Subject:** GTC Plant Enquiry - Ref- 4297401  
**Attachments:** 4297401.png

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

**Our Plant Enquiry Service Ref: 4297401**

**Your Enquiry Ref: 33977**

Dear rachel,

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

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

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

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

**Your sincerely,**

GTC Plant Enquiry Service.

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

**NOTE:**

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

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

TRANSPORT

## Rachel Dyson (MK Surveys)

---

**From:** Andy Key (Distribution Administrator) <Andy.Key2@networkrail.co.uk> on behalf of OP Buried Services Enquiries <OPBuriedServicesEnquiries@networkrail.co.uk>  
**Sent:** 08 April 2024 17:41  
**To:** Rachel Dyson (MK Surveys)  
**Subject:** RE: 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry

OFFICIAL

Dear Sir/Madam,

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

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

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

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

Contact details can be found in the following link: Network Rail Asset Protection Teams  
<<https://www.networkrail.co.uk/running-the-railway/looking-after-the-railway/asset-protection-and-optimisation/>>

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

Regards,

TUNNELS & PIPELINES



# Contractor's Guide to Working Safely Near High Pressure Pipelines

## 4. What to do in an emergency

If you uncover ground near or have any contact with a HP pipeline, be that with mechanical equipment or otherwise, is potentially a serious incident and should be treated as an emergency situation. Please:

1. Shut down all working machinery
2. Remove all sources of ignition
3. Remove everyone from the immediate area of the pipeline and move to a safer area upwind of the location
4. If the pipeline is leaking dial 999 inform police and emergency services
5. Do not attempt to seal a leaking pipeline
6. If the leak is burning, do not attempt to extinguish the fire
7. Contact the pipeline operator's emergency telephone number. This can be obtained either from on a nearby pipeline marker post, on all communications you will have had from the pipeline operator or on the documentation provided by the pipeline operator prior to you commencing work
8. Follow the advice provided by the pipeline operator and then let them make the situation safe
9. Where possible keep all people and traffic well away from the location

This Good Practice Guide is aimed at contractors and any one else who may work near High Pressure pipelines (specifically buried pipelines) and outlines what you can do to reduce the risks when working near them. Working near high pressure pipelines is dangerous. If machinery makes contact with the pipeline, damage can occur that could result in immediate failure or failure over a longer period of time.

It is common for utility companies, highways agency and / or landowners (amongst others) to instruct contractors to complete works. It is however the responsibility of the contractor to ensure any proposed works are planned correctly and precautions made to protect high pressure pipelines where appropriate.

Prior to working in the vicinity of high pressure pipelines, as indicated in section 3, you should contact the pipeline operator who will provide any guidance and advice necessary to adequately plan the works.

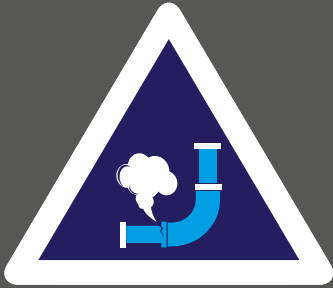
## Further Assistance and Pipeline Operators

The UKOPA website contains the company information details for all UKOPA members, visit [www.ukopa.co.uk/emergency/](http://www.ukopa.co.uk/emergency/)

The UKOPA presentation about working safely near high pressure pipelines can be found at [www.ukopa.co.uk/relevant-documents-and-information](http://www.ukopa.co.uk/relevant-documents-and-information) please do take a look at this and share with any staff and contractors working for you. The HSE guidance document HSG47 - Avoiding danger from underground services - is also a helpful document.

Pipeline operators are here to help, so please do contact them prior to any work taking place or if you have any queries.

## 1 Hazards



This Good Practice Guide is aimed at contractors and any one else who may work near High Pressure pipelines (specifically buried pipelines) and outlines what you can do to reduce the risks when working near them. Working near high pressure pipelines is dangerous. If machinery makes contact with the pipeline, damage can occur that could result in immediate failure or failure over a longer period of time. Such as: explosion resulting in the death of people nearby or extensive environmental damage

It is common for utility companies, highways agency and / or landowners (amongst others) to instruct contractors to complete works. It is however the responsibility of the contractor to ensure any proposed works are planned correctly and precautions made to protect high pressure pipelines where appropriate.

Prior to working in the vicinity of high pressure pipelines, as indicated in section 3, you should contact the pipeline operator who will provide any guidance and advice necessary to adequately plan the works.

## 2 Notifiable Activities

If you are planning or working in the vicinity of High Pressure Pipelines, you should contact the pipeline operator who will provide any guidance and advice required.



### 2.1 Construction Works

Such as, but not limited to:

- Installation of water pipes, drains or sewers or other services/utilities
- Electrical installations/works
- Property extensions (including permitted development)
- Change of use of existing buildings
- Erecting sheds or summer houses/installation of hard standings



### 2.2 Roadworks

Such as, but not limited to:

- Breaking Ground
- Construction of temporary or permanent tracks/road



### 2.3 Excavations

- All excavation works (such as, but not limited to, open cut, vacuum excavating, new services, repair work, etc) are notifiable activities.
- You should contact the pipeline operator at the planning stage in order that the correct advice can be obtained.



### 2.4 Piling, Boring and Seismic Surveys

Please contact the pipeline operator who will be more than happy to discuss any potential issues and specific requirements with you.



### 2.5 Heavy Vehicle Crossing



Special requirements are needed for heavy vehicles to cross over HP pipelines. Please contact the pipeline operator who will provide specific advice.

### 2.6 Fencing



Installation of new or replacement fences / fence posts or gateposts.

### 2.7 Ground Cover & Storage of Materials

- Depth of cover must not be reduced or increased
- Materials not stacked or stored in the vicinity of the pipeline or within pipeline easements.



### 2.8 Planting of Trees & Shrubs and other garden work

Planting within the easement should not take place without prior discussion with the pipeline operator.



### 2.9 Fires

Should not be built or ignited within the pipeline easement.



### 2.10 Wind turbines and solar farms



Contact pipeline operator at earliest possibility (UKOPA have produced good practice guides for both).

### 2.11 All other works

Please contact the pipeline operator for any other work not covered in this document, they will be more than happy to discuss any potential issues.



## 3 Information, Instruction & Training



Staff and contractors may be at an increased level of risk when they are working in the vicinity of any High Pressure pipeline. The hazardous nature of these pipelines is recognised in UK legislation through the Pipeline Safety Regulation 1996 (PSR), in particular Regulation 15 which states "No person shall cause such damage to a pipeline as it may give rise to a danger to persons. Please make sure they know where the pipelines are and discuss and agree with them the precautions they need to take before they start work. More detailed instructions may be needed for those workers whose first language is not English.

The location of a pipeline is normally indicated by marker posts at the edges of fields and road verges. Remember though that marker posts can be accidentally moved or damaged. Also, there may be more than one pipeline present and pipelines may not necessarily run in a straight line between posts. By contacting the pipeline operator in advance, an operator representative can visit your land to locate and mark out the pipeline, and advise what works can and cannot be done safely. In some cases, monitoring may be required whilst work is being carried out.

# Working Safely Near High Pressure Pipelines

## 4. What to do in an emergency

If, as a result of the activities you uncover ground or come into contact with a pipeline, then:

- A.** Shut down all working machinery
- B.** Remove all sources of ignition
- C.** Remove everyone from the immediate area of the pipeline and move to a safer area
- D.** If the pipeline is leaking dial 999 inform police and emergency services
- E.** Do not attempt to seal a leaking pipeline
- F.** If the leak is burning, do not attempt to extinguish the fire
- G.** Contact the pipeline operator's emergency telephone number. This can be obtained either from on a nearby pipeline marker post, on all communications you will have had from the pipeline operator or on the documentation provided by the pipeline operator prior to you commencing work
- H.** Follow the advice provided by the pipeline operator and then let them make the situation safe

This **Good Practice Guide** is aimed at everyone in agriculture who may work near High Pressure pipelines (specifically buried pipelines) and outlines what you can do to reduce the risks when working near them. If machinery makes contact with the pipeline, damage can occur that could result in immediate failure or failure over a longer period of time.

## Further Assistance and Pipeline Operators

The UKOPA website contains the company information details for all UKOPA members, visit [www.ukopa.co.uk/emergency/](http://www.ukopa.co.uk/emergency/)

The UKOPA presentation about working safely near high pressure pipelines can be found at [www.ukopa.co.uk/relevant-documents-and-information](http://www.ukopa.co.uk/relevant-documents-and-information) please do take a look at this and share with any staff and contractors working for you.

Pipeline operators are here to help, so please do contact them prior to any work taking place or if you have any queries.



1



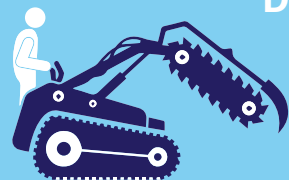
## Hazards

Buried pipelines in the UK transport a variety of products at pressures up to 100 bar. This includes flammable and explosive products such as oil, natural gas, ethylene and petroleum as well as less obviously hazardous material such as water. The hazardous nature of the product is magnified by the high pressures, and should, for example a natural gas pipeline operating at 75 bar fail, an explosion could occur that may result in the deaths of people nearby; damage to an oil pipeline operating at 100 bar could result in extensive environmental issues.

Any damage to a pipeline or its coating can affect its integrity that could result in its failure immediately if enough damage is done, or in the future if the damage deteriorates with time perhaps via corrosion. It is therefore essential that safe procedures are complied with when working near to a pipeline.

The hazardous nature of these pipelines is recognised in UK legislation through The Pipelines Safety Regulations. Regulation 15 of this states that "No person shall cause such damage to a pipeline as may give rise to a danger to persons". This applies to persons working near such pipelines, and failing to comply could result in prosecution by the Health and Safety Executive (HSE).

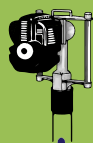
2.1



## Ditching & Drainage

- Ditch clearing
- Dredging, widening or creation of waterways/ponds, etc.
- Drainage investigatory work/repairs
- Use of powered machinery to clear materials

2.2



## Fencing

Installation of new or replacement fences / fence posts or gateposts.

2.3



## Construction Work including

- Temporary or permanent tracks/roads
- Installation of water pipes, drains or sewers
- Property extensions (including permitted development)
- Change of use of existing building

2.4



## Ground Cover & Storage of Materials

- Depth of cover must not be reduced or increased
- Materials not stacked or stored in the vicinity of the pipeline or within pipeline easement

2.5



## Planting of Trees & Shrubs

Planting within the easement should not take place without prior discussion with the pipeline operator

2.6



## Fires

Should not be built or ignited within the pipeline easement

2.7



## Sub-soil & Mole ploughing

Should not take place without prior discussion with the pipeline operator

2.8

## Excavations (incl pits for Carcass burial)

All excavations are notifiable activities



2.9

## Wind turbines and solar farms



Contact pipeline operator at earliest possibility (UKOPA have produced good practice guides for both)

2.10



## All other works (incl piling & boring)

Please contact the pipeline operator for any other agricultural work not covered in this document, they will be more than happy to discuss any potential issues

2



## Notifiable Activities

Prior to working in the vicinity of High Pressure Pipelines, other than routine agricultural activities such as ploughing, you should contact the pipeline operator who will provide any guidance and advice required.

## Information, Instruction & Training

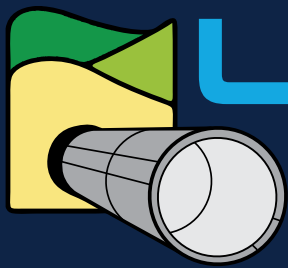


Contractors and temporary staff may be at an increased level of risk when they work on your land, so make sure they know where the pipelines are and discuss and agree with them the precautions they need to take before they start work. More detailed instructions may be needed for those workers whose first language is not English.

The location of pipelines is normally indicated by marker posts at the edges of fields. Remember though that marker posts can be accidentally moved or damaged. Also, pipelines may not necessarily run in a straight line between posts. By contacting the pipeline operator in advance, an operator representative can visit your land to locate and mark out the pipeline and advise what works can and cannot be done safely.

The location of a pipeline is normally a **FREE** service.





# LINEWATCH

*Watch out - there's a pipeline about!*

**Revision No. 23.03**

Note: This manual supersedes all previous issues, which should now be sent for recycling.

## Special Requirements for **Safe Working**

in close proximity to high pressure pipelines



***Awareness and preparation is the key to safe excavation***



# What to do in an emergency

Signs of a possible pipeline leak may include: pools of fuel, dirt or dust blowing into the air, hissing sounds, gas or petroleum odours, bubbles in standing water, dead or discoloured vegetation and ice on the ground. If you notice any of these in the vicinity of a pipeline, treat as an emergency.

## In the event of an emergency

- Remove all personnel immediately from the vicinity of the incident.
- Extinguish any sources of ignition and shut down all working plant from the immediate area (remember, vapours will travel downwind).
- Inform the emergency services. Dial 999 and alert the Fire Brigade and Police.
- If known, call the Pipeline Operator. There will be a pipeline marker nearby with emergency contact information. Emergency numbers can also be found on the back page of this booklet.
- Exclude all vehicles and personnel from the vicinity.
- Do not attempt to seal any leaks.
- Do not attempt to extinguish the flame if the leak has ignited.

## Action to be taken if the pipeline has been damaged but has not caused leakage:

- Contact the Pipeline Operator or his Agent.
- Do not backfill and await the representative of the Pipeline Operator to inspect the damage and decide on the action required.
- If damage to the pipeline does not cause a leak do not try and hide it. Dents and gouges in a pipe may cause it to fail at a later time with potentially catastrophic consequences. Report all damage, however seemingly insignificant, to the Pipeline Operator.



# Contents

**What to do in an emergency ..... Page 3**

**List of pipeline operator emergency  
contact numbers..... Page 4**

**Summary of Guidance ..... Page 6**

**Basic Guidelines for any work near  
Pipelines .....Pages 7-9**

**Routes of commercial pipelines.... Pages 10-20**

**Appendix 1 ..... Page21**

**Typical Pipeline Markers and ..... Pages 22-23**  
**Other Warnings**

(List of pipeline routes available online at  
[www.linewatch.org.uk](http://www.linewatch.org.uk))

It is emphasised that not all pipelines in the UK are represented and that owners of pipelines, even those who do not appear in this booklet, should still be consulted regarding procedures to be followed when working close to their pipelines.

## General Information

- All the pipelines referred to in this booklet are constructed of steel and operate at high pressure containing petroleum products or gas.
- Sizes vary from 100mm, (4”) to 1220mm (48”) diameter.
- Nominal depth of cover is 0.9m, (3ft) although in some locations this cover may be less. e.g. Canal towpaths or rocky areas etc.
- The sponsor/employing authority (and/or their contractor) shall be responsible for all liability under the Health and Safety at Work Act, 1974, etc.
- All the pipelines are covered by the Pipeline Safety Regulations 1996 and require all parties to work safely so that no damage is caused to a pipeline.
- The Construction Design and Management Regulations 2015 holds principal responsibility of ensuring that all necessary health, safety and environmental precautions are taken.



# Summary of Guidance

The purpose of this booklet is to provide guidance on the basic requirements for safe working in close proximity to buried pipelines. The guidance is not exhaustive and so a safe system of work, including any specific requirements of the Pipeline Operator, should be agreed prior to work commencing.

For the purposes of this document the term “easement”, as used, includes property rights arising under Deeds of Grant, Wayleave and other rights in land granted.

The Pipeline Operators need to know about **any works within 50 metres of their pipelines** that are within the same parcel of land, i.e. not separated by a fence or other identifiable division. It is strongly recommended that an initial search for pipelines and other critical assets are made on the [www.LSBUD.co.uk](http://www.LSBUD.co.uk) website. This service is free to use and available to everyone for any type of work. The service will immediately show you which Operators may have assets in the vicinity of your works. The Pipeline Operator is also alerted for any search near their assets and able to make an appropriate response to help you work safely.

The Pipeline Operator is responsible for clearly marking the detailed route of the pipe (a free service) and to specify any constraints on the proposed method of working. All works require prior approval except certain routine agricultural operations.

Typical activities requiring pre-notification include the following:

- Excavation activities
- Installation of new underground services (e.g., cables, pipes)
- Installation of new or replacement poles, posts or lighting columns
- Fencing (new or replacement)
- Ditch/gutter clearing
- Subsoiling
- Mole ploughing
- Drainage
- Planting of certain trees/shrubs
- Removing trees/shrubs, including tree felling
- Building work, including property extensions.
- New or upgrade of roads/tracks (permanent and temporary)

This is not an exhaustive list of activities, so it is important to contact the Pipeline Operator to discuss any proposed works.

When planning works, which could involve crossing or working within the easement, it is important that sufficient time for Approval by the Pipeline Operator is allowed prior to works commencing. In some circumstances this can take up to 13 weeks.

**Some Pipeline Operators may have their own specific requirements which will be made available by request.**

## Supervision of Works

The Pipeline Operators require strict controls to be applied on all third party works that could affect the pipeline, which are administered by the Pipeline Operator or Agent. The minimum controls are:

- A minimum of three working days prior notice shall be given by the third party to the Pipeline Operator or Agent before commencement of any works within 3m (10ft) of the pipeline. It should be noted that National Gas requires at least seven days' notice.
- All works within the pipeline easement shall be attended by the Pipeline Operator or Agent and shall not commence without the written authority and supervision by the Pipeline Operator or Agent.
- There will generally be no charge for such attendance for the first three 8 hour working days. Thereafter, the costs may be recovered by the Pipeline Operator from the third party. Current contract rates for supervision charges will be provided by the Pipeline Operator to the third party on request.

**Details of the relevant Pipeline Operators or their agents are listed in this booklet.**



# Basic Guidelines for any work near Pipelines

**1** In general, a **legal consent** or agreed level of supervision will be required **prior** to any works within the easement. Adequate time should be allowed for the completion of any consent. Prior to commencement of all works full details of the proposed work should be submitted to the appropriate Pipeline Operator or their Agent.

**2** The pipeline easement shall be marked or pegged out and fenced off prior to works commencing. Agreed crossing points across the easement for construction machines shall be protected by plates, “Bog Mat”, a temporary concrete slab or hard-core layers. Specification for each crossing point will need submitting to the pipeline operator prior to approval. Any plant crossing the easement can be hazardous to the pipeline especially if the ground is soft or wet.

**3** No raising or lowering of ground level throughout the easement is permitted without written consent from the Pipeline Operator. **All excavations** above, below or within 3m (10 ft) on either side of the pipeline must always be supervised by a representative of the Pipeline Operator. Manual digging will be employed unless another method is specifically authorised by the representative. All excavations shall be carried out in strict accordance with the HSE’s Guidance Document HSG 47 – Avoiding Danger from Underground Services. A copy of the document can be found on the UK HSE’s website.

**4** Vacuum Excavation (or Vac-Ex / Suction Excavation as it is sometimes known) will be considered as an alternative to traditional excavation techniques. However, this type of works can still cause damage to the pipeline or its protective wrapping if used incorrectly and must be discussed and agreed, prior to approval.

**5** Protection will be required over the pipeline at road crossings and parking areas, including temporary construction areas, typically, as per example (Appendix I). Under the supervision of the Pipeline Operator and prior to installation, the promoter shall expose the pipeline for the existing protective pipe wrapping to be inspected, repaired, and then double wrapped at the Promoter’s expense by a contractor approved by the Pipeline Operator. Some Operators employ other methods, so agreement of the method and safe systems of work is important before any investigation or removal.

**6** The pipeline is wrapped to prevent corrosion. Any damage to the pipe or its wrapping must be notified immediately to the Pipeline Operator or their Agent who will arrange for repairs to be carried out. The Pipeline Operator reserves the right to recover the cost of repairs.

**7** To avoid damage during work, any exposed part of the pipeline shall be protected by cladding (e.g. timber) as directed by the pipeline operators representative and any damage to the protective wrap / coating of the pipeline, whether existing or caused by excavation work, etc. shall be brought to their attention.

**8** Backfilling shall be in layers of maximum depth of 300mm (12 inches) and consolidated before any further backfilling takes place. Backfill must be free of flints or any other material, which may damage the anti-corrosion wrapping. If the backfill material is not suitable in the opinion of the representative of the Pipeline Operator, imported sand, pea gravel or other approved fine material shall be provided to give a minimum 150mm (6 inches) surround to the pipeline.

**9** Where a new service passes under or over the existing pipeline, there should be a minimum of 600mm (24 inches) clearance between them and cross at an angle of not less than 60°. A lesser clearance or angle of crossing will not be permitted without authority in writing from the Pipeline Operator or their Agent. A concrete separation slab, marker tiles or warning tape may be required. If the new service or works includes a high-pressure gas pipe or other pipe containing material whose escape might endanger the pipeline(s), sleeving and/or construction in pre-tested pipe across the width of the easement may be required.

**10** High voltage electric cable crossings may require special consideration.

**11** To prevent indiscriminate crossings along the pipeline, service crossings (i.e. drains, cables, pipes, etc.), should be grouped together at a common point. These should be ducted if possible.

# Basic Guidelines for any work near Pipelines

**12** Where permission is granted for a new pipe, cable, etc., to cross a pipeline, that permission will only be granted subject to the following condition:

***“If at any time, during the course of the new construction it is discovered that the Pipeline Operator requires to carry out emergency works on their pipeline then work on the new construction must cease until the pipeline repair work has been completed. This repair work will be carried out with the shortest possible delay. In these circumstances the Pipeline Operator will not be responsible for any delay or associated costs on the new construction.”***

**13** Directional drilling, thrust boring or other trenchless techniques will be considered as an alternative method of crossing the pipelines subject to agreed supervision. A method statement, complete with drawings for the completion of pipeline crossings using trenchless methods shall be approved by the pipeline operator. Approval by the Pipeline Operator shall in no way reduce the responsibilities and liabilities of the third party for the safe and successful completion of the crossing works. Clearance between the pipeline and the drilling auger (or similar) should be maximised. Ideally the minimum clearance shall be 1.5 metres.

**14** Pipeline marker posts shall be installed at the Promoter's expense each side of all road crossings and elsewhere as necessary to mark the pipeline route.

**15** No buildings, structures or caravans to be sited within the pipeline easement. The pipeline easement should always be free of obstructions as access to the easement and/or the pipeline is required at all times.

**16** Storage of materials. No topsoil or other materials shall be stored within the pipeline easement without the approval and written permission of the pipeline operator.

**17** No gas vermin eliminator or ignition-based tunnel collapsing systems, eg. Rodenator, are to be used within 100 metres of the pipeline.

**18** No explosives are to be used within 400 metres (1300 ft) of the pipeline. Pile driving, 3D seismic survey or bore holes within 30 metres (100 ft) of the pipelines

will require prior agreement with the Pipeline Operator. In all cases the maximum PPV (Peak Particle Velocity) at the pipeline is 25 mm per second.

**19** Wind turbines should be situated a minimum distance of one and a half times the mast height from the pipeline in line with current UKOPA guidelines. These guidelines along with other good practice guides can be downloaded free from the UKOPA website [www.UKOPA.co.uk](http://www.UKOPA.co.uk).

**20** Tree planting is restricted in the easement. Each Operator can give advice. Any approval will be subject to the Pipeline Operator retaining the right to remove all trees and shrubs which, in their opinion, might become a danger to the pipeline and, in consequence, a potential hazard to personal safety, or prevent access for maintenance purposes. Many garden shrubs are acceptable, but conifers are not acceptable.

**21** Attention is drawn to the fact that the pipeline is cathodically protected. This can corrode metal structures in the vicinity and it is the Promoter's responsibility to protect their constructions against this.

**The conditions mentioned previously are common to most works but are not exhaustive. Other conditions may be imposed depending on the nature of the work.**

**Prior to any work commencing the following applies:**

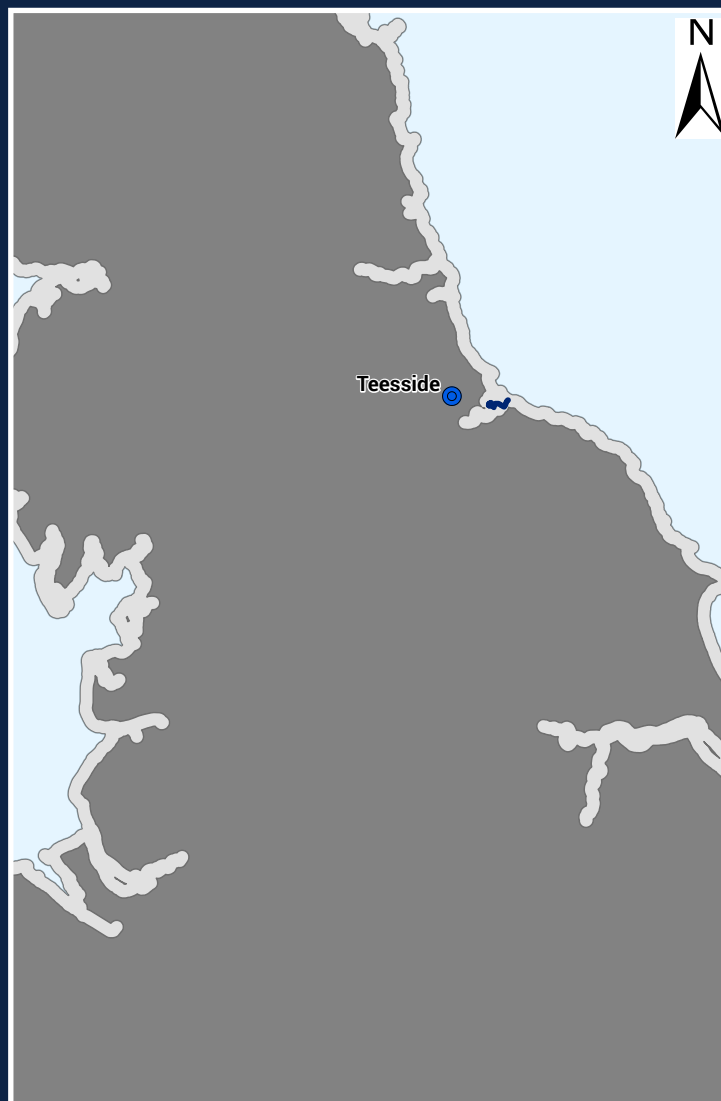
- a)** The location of the pipe must be verified and marked on site by the Pipeline Operator's representative and witnessed by a representative of the Promoter or contractor
- b)** On receipt of written approval of the proposed works, and subject to the approval, if required, of the Secretary of State and the landowner, the Promoter or contractor shall give not less than 3 working days' notice to the respective Pipeline Operator or his Agent of intention to commence the works and access for them will be afforded at all times. Please note National Gas will require seven days' notice.

# Basic Guidelines for any work near Pipelines

- c) The Pipeline Operator may require the Promoter to mark out the easement with a paling fence or similar if this is considered to be in the best interest of a safe operation. Where access over the easement is required then protection to the pipeline must be considered.
- d) Any work involving a naked flame or likely to cause a spark within 3m (10 ft) of an exposed section of a pipeline will only be permitted subject to approval of the methods by, and presence of, the representative of the Pipeline Operator. The Pipeline Operator reserves the right for his representative to check the availability of fire extinguishers on site to reduce the risk to the pipeline should the plant or equipment catch fire, and to prohibit any work until they are reasonably satisfied.
- e) Cathodic protection of the pipelines is provided by an impressed current system and/or sacrificial anodes which could adversely affect any ferrous structure or service that crosses or runs parallel to the pipeline for any distance. It is recommended that test leads be installed at the point of intersection of the two to facilitate interference testing, according to BS EN 12954:2001, BS EN 13509:2003, BS EN13636:2004 and BS EN50162:2004.

The fitting of the test lead to the pipeline will be carried out by a representative of the Pipeline Operator and the two leads taken to a Cathodic Protection Test Post, generally supplied by them, installed at the nearest convenient point. Any work required will be at the expense of the Promoter. The Pipeline Operator does not accept responsibility for any damage to the new service by virtue of electric corrosion protection systems applied to the pipeline(s). Alternatively, any third party works must not detrimentally affect the Pipeline protection either.





Contact for enquiries and general information:

Agent: BPA  
 Lands Department  
 5-7 Alexandra Road  
 Hemel Hempstead  
 Hertfordshire  
 HP2 5BS  
  
 Tel: 0800 585 387  
 Email: lands@bpa.co.uk

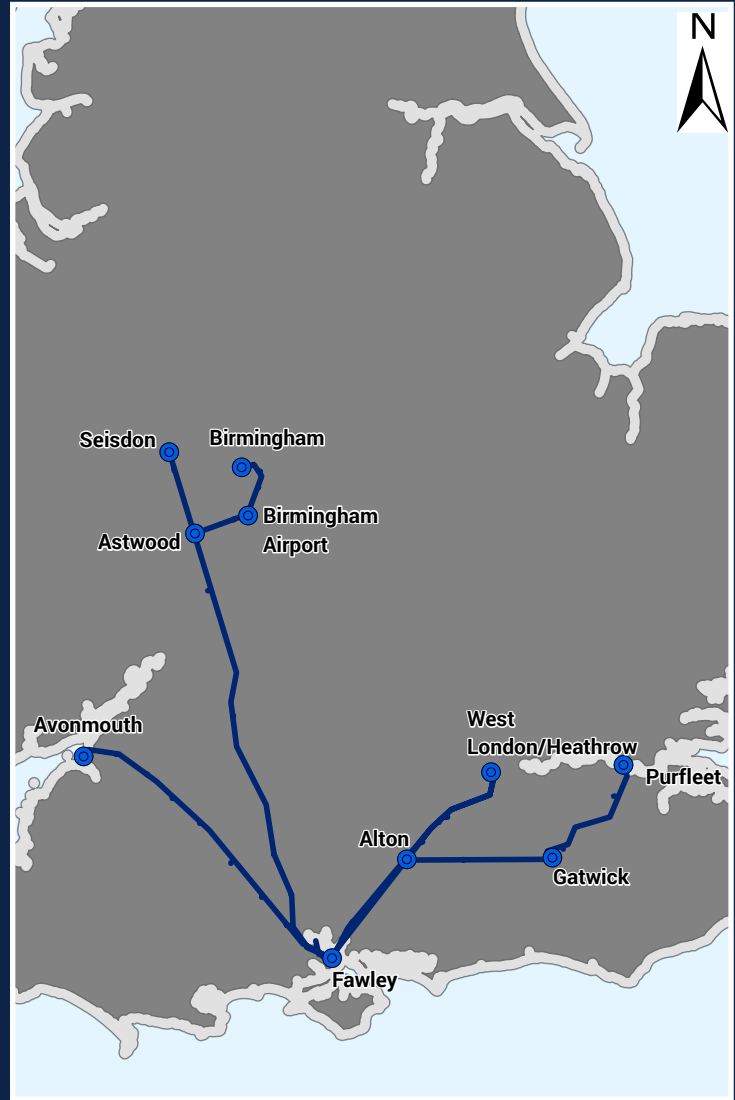
**In an emergency contact:**  
**01827 63 708**

Contact for enquiries and general information:

CATS Kellas Midstream Ltd  
 CATS Terminal  
 Seal Sands Road  
 Middlesbrough  
 TS2 1UB  
  
 Tel: 01642 546 404  
 Email: CATSpipeline@woodplc.com

**In an emergency contact:**  
**24 hour**  
**01642 546 404**





Contact for enquiries and general information:

Essar Oil (UK) Ltd  
c/o BPA  
Lands Department  
5-7 Alexandra Road  
Hemel Hempstead  
HP2 5BS

Tel: 0800 585 387  
Email: stanlowlines@bpa.co.uk

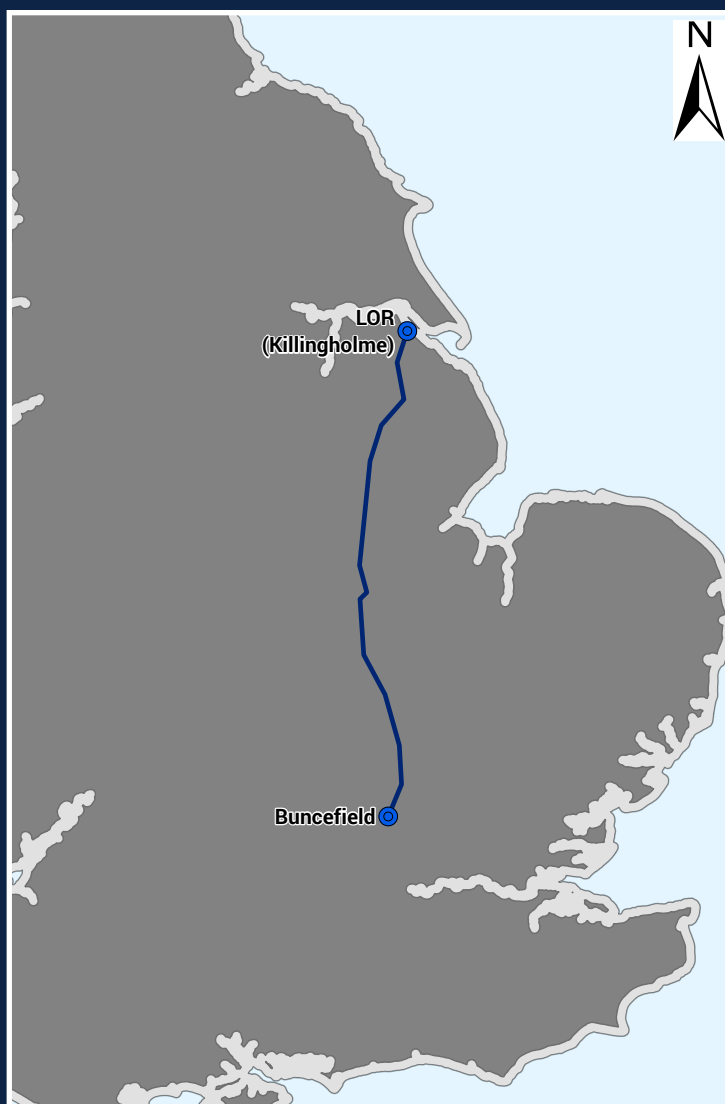
**In an emergency contact:**  
**24 hour freephone**  
**0800 389 9607**

Contact for enquiries and general information:

Agent: Fisher German LLP  
Firn House  
61 Church Street  
Hungerford  
Berkshire  
RG17 0JH

Tel: 0800 136 812  
Email: pipelines@fishergerman.co.uk

**In an emergency contact:**  
**0800 136 812**



## Contact for enquiries and general information:

Prax Lindsey Oil Refinery (Finaline)

Lands Department BPA  
5-7 Alexandra Road  
Hemel Hempstead  
Hertfordshire  
HP2 5BS

Tel: 07887 745 004  
Email: [finaline@bpa.co.uk](mailto:finaline@bpa.co.uk)

## In an emergency contact:

Finaline: **0800 592 246**

## Contact for enquiries and general information:

SABIC UK Petrochemicals Ltd  
Olefins Offices, Wilton International  
Redcar, TS10 4RF

TPEP (East), WGEP and TSEP  
Tel: 01642 834 531  
Email: [ethylene.pipelines@sabic.com](mailto:ethylene.pipelines@sabic.com)

TPEP (West)  
Tel: 01928 512 677  
Email: [ethylene.pipelinenorthwest@sabic.com](mailto:ethylene.pipelinenorthwest@sabic.com)

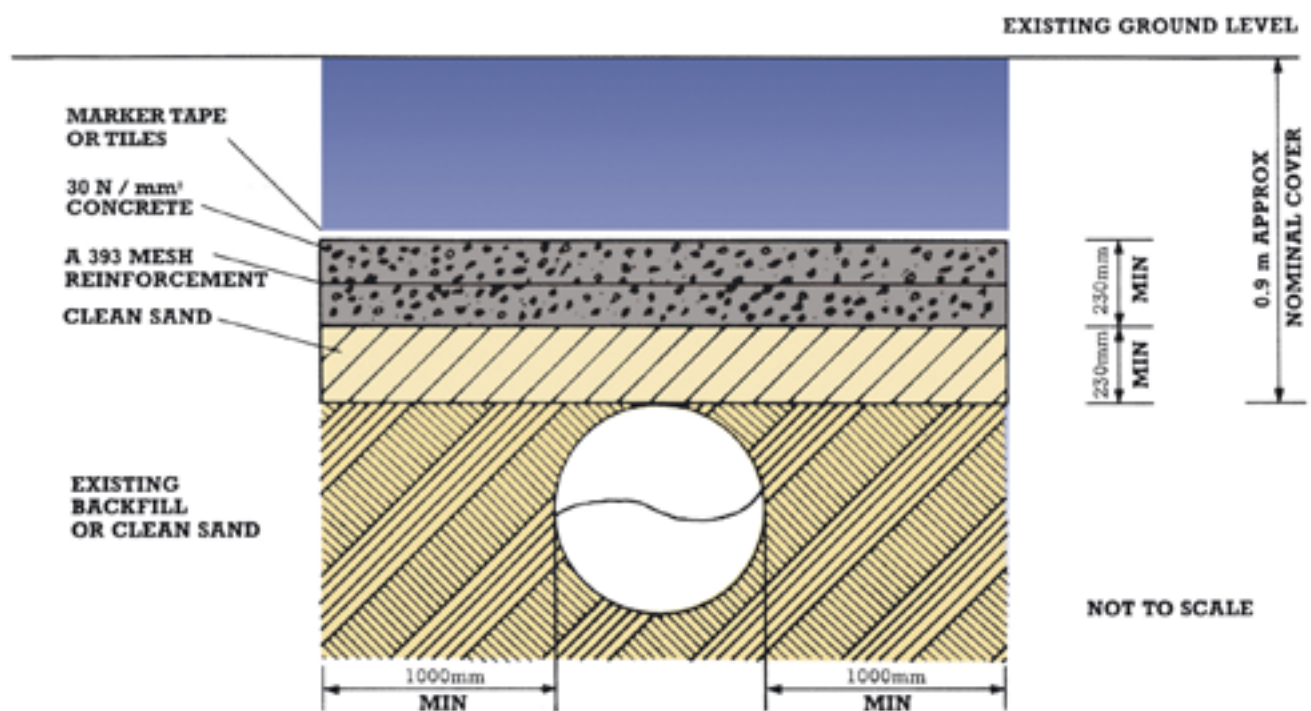
## In an emergency contact:

**0800 318 105**

# Appendix 1

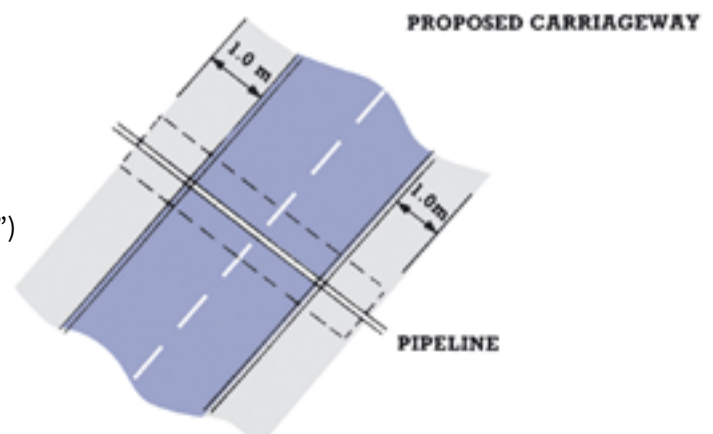
## Typical sectional drawing and specification for temporary protection of Pipeline under carriageways.

(Each case will be treated separately)



### Notes:

1. Backfill between pipeline and concrete slab to be:  
**Either** existing backfill (undisturbed)  
**Or** sand (clean of any inclusions).
2. The concrete slab is to extend a minimum of 1.0 metre (3'3") beyond the proposed crossing area, i.e.





500500

501000



Reproduced from Ordnance Survey  
Maps with the permission of the  
Controller of His Majesty's Stationery  
Office.

© Crown Copyright Reserved.  
Licence Number 100017560

The data provided on this plan is  
indicative only. It may not be  
accurate, and should not be relied  
upon. The actual pipeline location will  
require confirmation on site by BPA  
staff.

BPA Reference Number:  
2024-9645

Scale: 1:5,000

Pipeline

TK

WL

203500

203500

203000

203000

500500

501000





### Enquirer

Name	Miss Rachel Dyson	Phone	01908 565561
Company	MK Surveys	Mobile	07590 069102
Address	1 Potters Lane Kiln Farm Milton Keynes BKM MK11 3HE		
Email	rachel.dyson@mksurveys.co.uk		

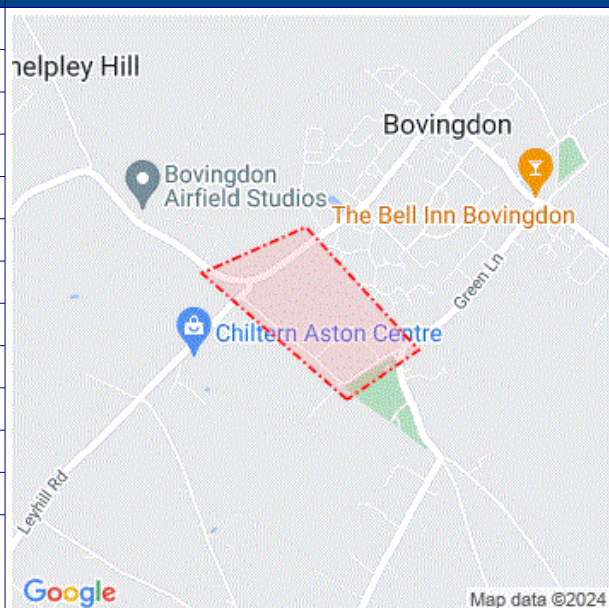
### Enquiry Details

Enquiry type	Initial Enquiry
Work category	Utility Works
Work type	Single excavations site (1.5m or shallower)
Work type buffer*	25 metres
Start date	10/04/2024
End date	10/04/2024
Scheme/Reference	33977
Search location	XY= 500872, 203184
Confirmed location	-01 52
Site size	204174 metres square
Site Contact Name	Not Supplied
Site Phone No.	Not Supplied

### Description of Works

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

### Site Map



Please note that the above map only displays the location of the proposed work site and will not display any of the Members' pipes and cables. It is imperative that this area accurately reflects the proposed work site.

### Affected LSBUD members

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

Asset Owner	Phone/Email	Emergency Only	Status
BPA	01442218911 lands@bpa.co.uk	0182763708	Email Additional Info
Cadent Gas	0800688588	0800111999	Await response
UK Power Networks	08000565866	08000565866	Await response

### Status explanation

**Await Response** means that the asset owner will contact you. This is typically by sending the plan response but they may ask for further information before being able to do so, particularly if any payments or authorisations are required.

**Email Additional Info** means that the asset owner needs further information about your works to assess your enquiry before providing a response. Please provide any details you have available including plans, method statements etc. if available.

## Important notices

It is very important that you correctly understand what the service does and the procedures in order for you to work safely. Please refer to the LSBUD Support Page ([www.lsbud.co.uk/lineasearchbeforeudig-support](http://www.lsbud.co.uk/lineasearchbeforeudig-support)) for further guidance.

This information includes how to provide additional information to the LSBUD Members who request it to provide a response to your enquiry.

**Validity and search criteria.** The results of this enquiry are based on the confirmed information you entered and are valid only as at the date and time of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig (LSBUD) accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

**Terms and Conditions.** Please note that this enquiry is subject always to our standard terms and conditions available at [www.lsbud.co.uk](http://www.lsbud.co.uk) ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

## List of not affected LSBUD members (LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area.)

Angus Energy	AWE Pipeline	B & D Energy Limited
Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)	Box Broadband
BP Exploration Operating Company Limited	Cambridgeshire County Council Climate Change and Energy Services	CATS Pipeline c/o Wood Group PSN
Cemex	Centrica Storage Ltd	CNG Services Ltd
Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd	D.S.Smith
Diamond Transmission Corporation	DIO (MOD Abandoned Pipelines)	DIO (MOD Live Pipelines)
Drax Power Limited	E.ON UK CHP Limited	EDF Energy Renewables Ltd
EirGrid	Eleclink Limited	Electricity North West Limited
Energy Assets Networks	ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited
EP Langage Limited	ESB CCGT Power station (Carrington Gas Pipeline)	ESP Utilities Group
ESSAR	Esso Petroleum Company Limited	euNetworks Fiber UK Ltd
EXA Infrastructure	Exolum Pipeline System	Fulcrum Electricity Assets Limited
Fulcrum Pipelines Limited	Gamma	Gas Networks Ireland (UK)
Gateshead Energy Company	Gigaclear Ltd	Harbour Energy
Heathrow Airport LTD	Humbly Grove Energy	IGas Energy
INEOS FPS Pipelines	INEOS Manufacturing (Scotland and TSEP)	INOVYN ChlorVinyls Limited
INOVYN Enterprises Limited	Intergen (Coryton Energy or Spalding Energy)	Jurassic Fibre Ltd
Kensa Utilities	Last Mile	Mainline Pipelines Limited
Manchester Jetline Limited	Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)
Melbourn Solar Limited	MUA Group Limited	National Gas Transmission
National Grid Electricity Distribution	National Grid Electricity Transmission	National Grid Ventures
Neos Networks	Northern Gas Networks Limited	Northumbrian Water Group
NPower CHP Pipelines	NTT Global Data Centers EMEA UK Ltd	NYnet Ltd
Ogi	Oikos Storage Limited	Ørsted
Palm Paper Ltd	Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos
Phillips 66	Portsmouth Water	Premier Transmission Ltd (SNIP)
Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)
SABIC UK Petrochemicals	SAS Utility Services Ltd	Scottish and Southern Electricity Networks
Scottish Power Generation	Seabank Power Ltd	SES Water
SGN	Shell	Shell NOP
SP Energy Networks	Spring Fibre Limited	Squire Energy Networks
SSE Generation Ltd	SSE Transmission	SSE Utility Solutions Limited

## Rachel Dyson (MK Surveys)

---

**From:** Enquiries, Unit <enquiries@environment-agency.gov.uk>  
**Sent:** 09 April 2024 15:36  
**To:** Rachel Dyson (MK Surveys)  
**Subject:** RE: 33977 - Bovingdon, Hertfordshire, HP3 0LB - Asset location enquiry

To whom it may concern,

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

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

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

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

Yours sincerely

Paul

**Incident Communication Service**

**Environment Agency**

**Part of National Operations**

**0800 80 70 60**

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

---

**From:** Rachel Dyson (MK Surveys) <rachel.dyson@mksurveys.co.uk>  
**Sent:** Monday, April 8, 2024 5:40 PM  
**To:** BSkyB (nrswa@bskyb.com) <nrswa@bskyb.com>; Colt (plantenquiries@catelecomuk.com) <plantenquiries@catelecomuk.com>; check-network <check-network@arelion.com>; Enquiries, Unit <enquiries@environment-agency.gov.uk>; Instalcom (plantenquiries@instalcom.co.uk) <plantenquiries@instalcom.co.uk>; Network Rail (OPBuriedServicesEnquiries@networkrail.co.uk) <OPBuriedServicesEnquiries@networkrail.co.uk>; Verizon (osp-team@uk.verizonbusiness.com) <osp-