



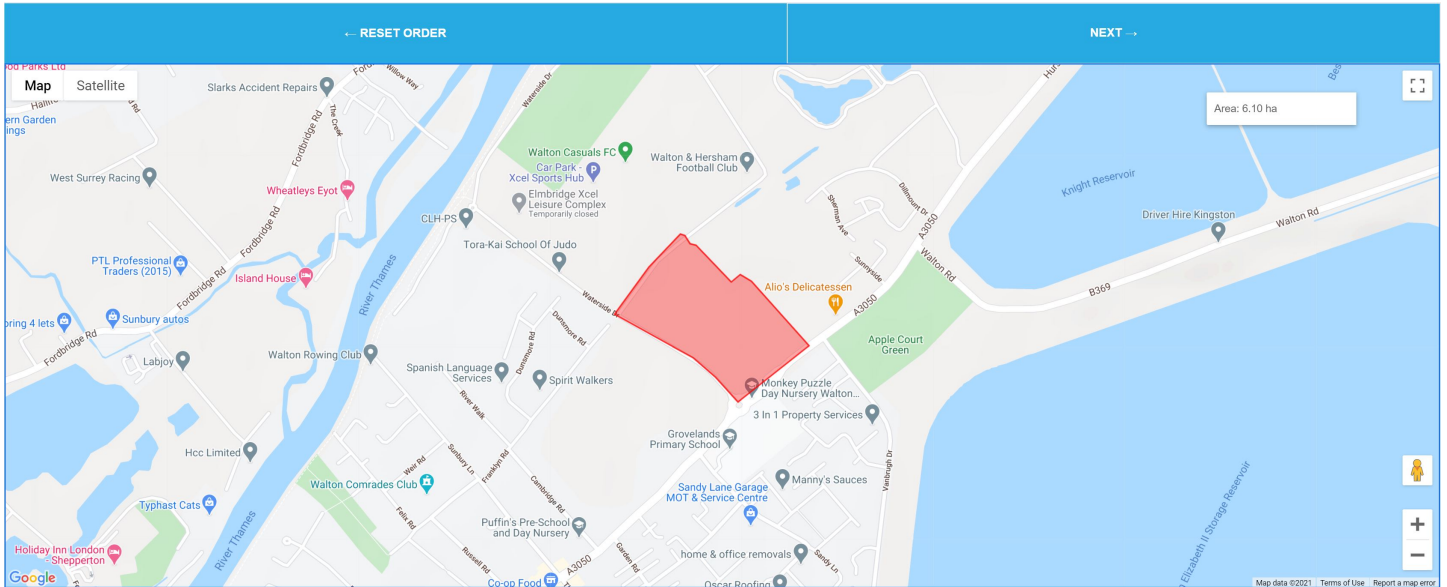
# Groundsure

# Apogee Full Utility Search

## Sample Site

**LOCATION INTELLIGENCE**

To access Groundsure's market leading environmental solutions,  
please call **08444 159 000** or email **info@groundsure.com**  
**WWW.GROUNDSURE.COM**



## Development Scheme Site

### Site Address:

**18/12/2019**

PROJECT NO.

**421000**

ISSUE NO.

**1**

STATUS

**For Information**

**LOCATION INTELLIGENCE**

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please call **08444 159 000** or email **info@groundsure.com**

**WWW.GROUNDSURE.COM**

## C2 Stats Plans Responses Summary

Apogee Job Number: 421000  
Client Site Name: Sample Site  
Percentage Complete: 100%

Client Job Number:

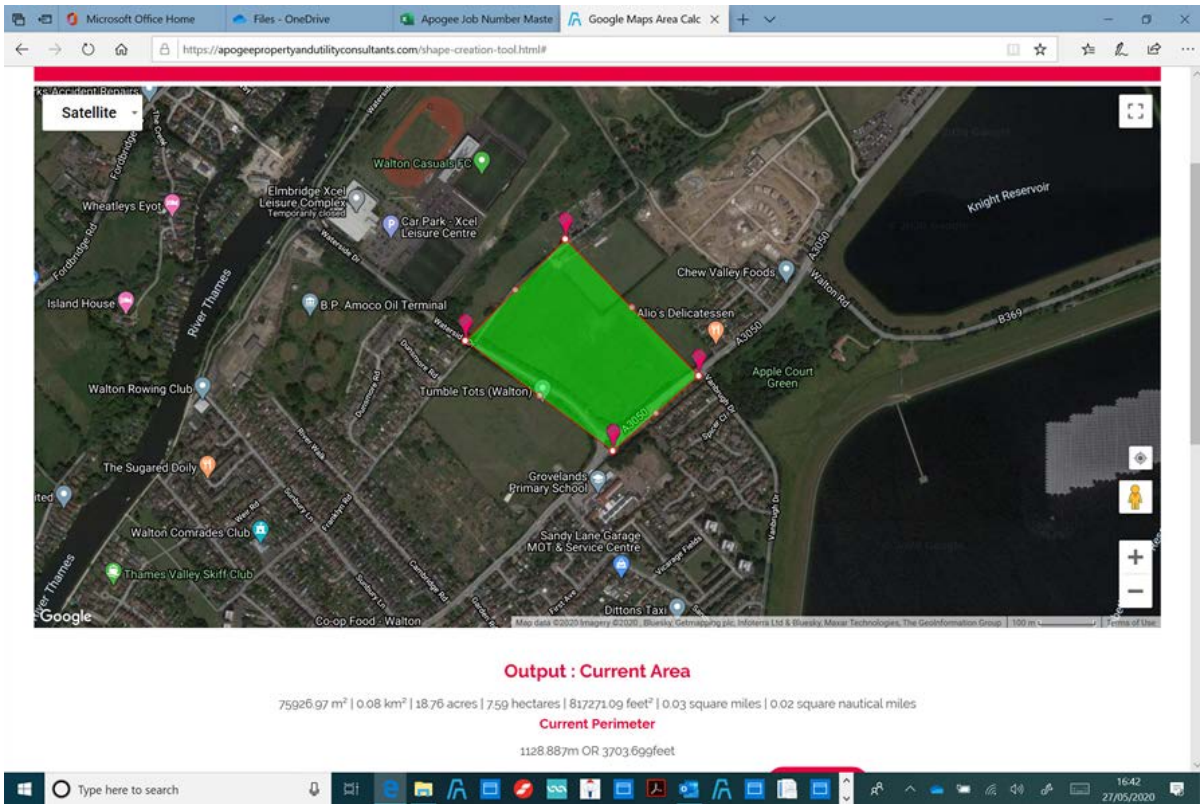
Utility Name	Utility Type	Affected	Not Affected	No Response Received	Comments
UKPN	Electric	27/05/2020			
Utility Assets	Electric		05/07/2020		
SGN	Gas	27/05/2020			
Engie	Multi		27/05/2020		
GTC	Multi		28/05/2020		
Last Mile (Energetics)	Multi		28/05/2020		
Affinity Water	Water	03/06/2020			
Thames Water	Sewerage	29/05/2020			
BT	Telecoms	27/05/2020			
Vodafone (C&W, Energis, Thus)	Telecoms		28/05/2020		
Cityfibre	Telecoms		28/05/2020		
Colt (CA Telecom)	Telecoms		02/06/2020		
EUNetworks	Telecoms		02/06/2020		
Lumen	Telecoms		28/05/2020		
Technologies Instalcom	Telecoms		02/06/2020		
KPN	Telecoms		28/05/2020		
Kcom	Telecoms		28/05/2020		
Sky	Telecoms		28/05/2020		
Sota	Telecoms		28/05/2020		
Telent	Telecoms		29/05/2020		
Verizon	Telecoms		28/05/2020		
Linesearch	Linesearch	27/05/2020			
Mast Data	Telecoms		29/05/2020		
Trafficmaster	Telecoms		31/05/2020		
London	Infrastructure		29/05/2020		
Underground London	Infrastructure		27/05/2020		
Overground PO/Tun	Infrastructure		27/05/2020		
Crossrail	Infrastructure		27/05/2020		
Network Rail	Infrastructure		28/05/2020		
BPA	Pipeline	27/05/2020			
CLH Pipelines	Pipeline	28/05/2020			
Coal Authority	Mining		28/05/2020		


See end of report for acronyms key, basic risk assumptions and further information on how to interpret and use the information in this report.

### LOCATION INTELLIGENCE

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please call **08444 159 000** or email [info@groundsure.com](mailto:info@groundsure.com)

[WWW.GROUNDSURE.COM](http://WWW.GROUNDSURE.COM)



<b>Job No:</b>	421000
<b>Approved by:</b>	Keith Smith
<b>Date of First Issue:</b>	31/05/2020
<b>Signature:</b>	

Date	Version	Created by	Description of change
31/05/2020	0.1	Max Coetzee	First & Final Issue

## LOCATION INTELLIGENCE

To access Groundsure's market leading environmental solutions,  
please call **08444 159 000** or email **info@groundsure.com**  
**WWW.GROUNDSURE.COM**

Our Ref: 18486203      Your Ref: 421267

Wednesday, 27 May 2020

David Haigh  
Blount House Hall Court Hall Park Way  
Telford  
Shropshire  
TF3 4NQ

Dear David Haigh

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.





**Think**  
before you...



**DIG UNDER GROUND**





# THINK . . .

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



## THE DANGER

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



## WHO IS AT RISK?

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



## HOW INCIDENTS HAPPEN

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



# THINK AHEAD

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

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

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

For free maps and advice call **0800 056 5866** or write to:

Plan Provision

UK Power Networks

Fore Hamlet

Ipswich

IP3 8AA

[plans@ukpowernetworks.co.uk](mailto:plans@ukpowernetworks.co.uk)

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

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

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



# WHAT TO DO

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



## WHAT NOT TO DO

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





# IF A CABLE IS DAMAGED

Notify UK Power Networks immediately:

**London 0800 028 0247**

**East of England 0800 783 8838**

**South East 0800 783 8866**

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

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

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

**Keep everyone well away** from the area of the damage.

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



**PLAN IT OUT**

**CHECK IT OUT BEFORE  
YOU DIG UNDER GROUND**





# DANGER OF DEATH

THINK BEFORE  
YOU DIG

Call the network operator

0800 587 3243

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

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



# Network Records NetMAP Symbols Booklet - South East England

**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

(i)

## Index:-

Page no:	Contents:
1	Guidance notes.
2	The area covered by this guide.
3	<u>1:500 (&amp; 1:1250) view</u>
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4	Scenery (UK Power Networks use only).
7	Primary distribution line route (EHV).
8	Secondary distribution cables (HV/LV).
9	Secondary distribution cable terminology.
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24	Secondary distribution cables.
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	Notes.
29	Secondary distribution cables.
30	Primary and secondary sites.

(ii)



## Guidance notes.

### **Important notice:**

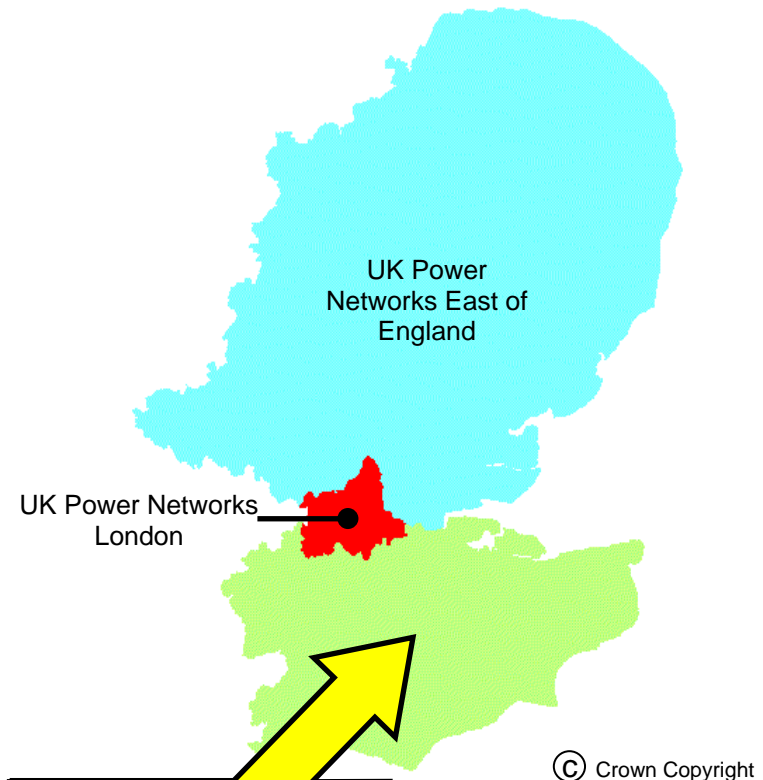
If you do not understand the NetMAP record that you are using, please contact the UK Power Networks Network Records team for guidance on  
**Tel: 08000 565866.**

- 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.
- Third party cables are not usually shown.
- When viewed in black and white, the line-style indicates the voltage.
- All LV cables are 4 core and all HV cables are 3 core – unless otherwise stated.
- All cables are copper – unless otherwise stated.



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

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







**UK Power Networks  
South East England.**








This is the only area  
where this booklet  
applies

# 1:500 (& 1:1250) view

## Scenery








NetMAP system	Description
	Secondary buildings and fence lines
	Building line
	Kerb line
	UK Power Networks / SPN licence boundary (not visible unless selected)

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









NetMAP system	Description
 Inset Network – Contact xxxx IDNO for further information	Area of inset network - not the asset of UK Power Networks (only visible to UK Power Networks and their immediate contractors)
	Proposed Cross Rail route (only visible to UK Power Networks and their immediate contractors)
	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>	
	Water - surface water (only visible to UK Power Networks and their immediate contractors)
	Water - Source Protection Zone 1 (only visible to UK Power Networks and their immediate contractors)
	Water - Source Protection Zone 2 (only visible to UK Power Networks and their immediate contractors)
	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	Description
	Historical - Scheduled Monuments (only visible to UK Power Networks and their immediate contractors)
	Historical - Parks and Gardens (only visible to UK Power Networks and their immediate contractors)
	Historical - Areas of Archaeological Potential (AAP) (only visible to UK Power Networks and their immediate contractors)
	Nature - Ramsar Wetlands of International Importance (only visible to UK Power Networks and their immediate contractors)
	Nature - Special Area of Conservation (SAC) (only visible to UK Power Networks and their immediate contractors)
	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)
<b>section continued on next page</b>	














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

NetMAP system	Description
	Nature - Local Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Nature - National Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Nature - Area of Outstanding Natural Beauty (AONB) (only visible to UK Power Networks and their immediate contractors)
	Nature - National Park (only visible to UK Power Networks and their immediate contractors)
	Fluid filled cables - very high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Fluid filled cables - high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Fluid filled cables - medium sensitivity (only visible to UK Power Networks and their immediate contractors)
	Fluid filled cables - low sensitivity (only visible to UK Power Networks and their immediate contractors)

### Primary distribution line route (1:500 view)

NetMAP system	Description
	275–400kV National Grid route
	132kV cable route
	33kV cable route
Approximate routes only – see separate record	

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

NetMAP system	Description
	11kV underground cable
	11kV overhead line
	6.6kV underground cable
	6.6kV overhead line
	<6.6kV underground cable
	<6.6kV overhead line
	LV underground cable
	LV overhead line
	Pilot cable
	LV street lighting (pl)
	Service overhead line
	Service underground
	Logical service connection

## Secondary distribution cable terminology (1:500 view)

### HV underground

sta (no text)	PILCSTA (paper insulated lead covered steel tape armour)
XLPE	PILCSWA (paper insulated lead covered steel wire armour)
bcs	XLPE (cross linked polyethylene) insulation
sca	CAS (corrugated aluminium sheath) belted construction
ua	CAS (corrugated aluminium sheath) with screened cores
c/c	PILC (paper insulated lead covered) unarmoured
Poly	Concentric cores
BOTES	Poly (polyethylene) insulation
of	BOTES – Board of Trade earth screen
33 kV design	Oil filled
ax	Constructed to 33 kV specification
cx	Triplex with aluminium conductor
	Triplex with copper conductor

### HV overhead

(no text)	Bare open wire
pvc	Open wire PVC covered
cat	ABC (aerial bundled or bunched conductor) with supporting strain wire
+ew	Open wire with extra earth conductor
ccc	Compact covered conductor

### Overhead line materials

sca	Steel cored aluminium
cc	Cadmium copper
st	Steel
sil	Simalec
ccs	Copper covered steel
cpl	Compactal

section continued on next page

## Secondary distribution cable terminology continued (1:500 view)

### LV underground mains and services

W	Waveform
We	Waveform with separate earth wire
H	Hybrid – copper neutral with aluminium phase conductor
He	Hybrid with separate earth wire
ua	PILC (paper insulated lead covered) unarmoured
(no text)	PILC (paper insulated lead covered) with/without armour
XLPE	XLPE (cross linked polyethylene) insulation
DISTR1	PISTA (paper insulated steel tape armour) 4c SAC (solid aluminium core) with lead covered neutral
c/c	Concentric cores
s/c	Split concentric with separated neutral and earth wires
CONSAC	Paper insulated aluminium sheathed 3 core with solid aluminium cores
vb	Vulcanised bitumen/rubber insulation
Capothene	Capothene core insulation
tby	Tape braid and yarn
swa	PILSWA (paper insulated lead steel wire armour)
sac	PILSTA (paper insulated steel tape armour) solid aluminium core
Solidal	4 sector SAC with solid aluminium cores
LSF	Low smoke and fume (orange cable)
Trough	Cable laid in filled trough

### LV overhead mains and services

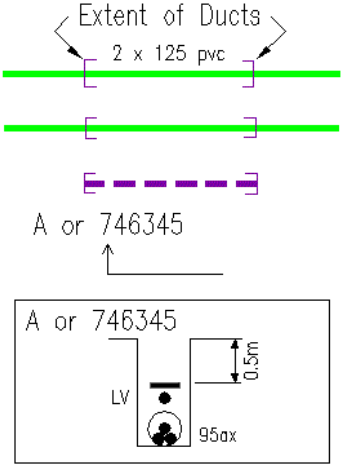
(no text)	Bare open wire
ABC	Aerial bundled (or bunched) conductor
cat	ABC (aerial bundled or bunched conductor) with supporting strain wire
pvc	PVC covered open wire
c/c	Concentric cores
H	Hybrid – copper neutral with aluminium phase conductor
ue	Under eaves – hessian covered lead cable
vir	Vulcanised India rubber insulation

section continued on next page

**Secondary distribution cable terminology continued**  
(1:500 view)









Various annotation	
.1	Cable size (sq. inches)
185	Cable size (sq. millimetres)
a	Aluminium
ITC	Instrument traced cable or ITC - cable traced electronically using Cable Avoidance Tool (CAT) or similar




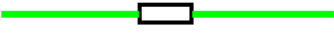
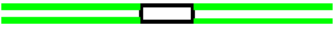







**Cable ducts (1:500 view)**








NetMAP system	Description
 <p>Extent of Ducts 2 x 125 pvc</p> <p>A or 746345</p> <p>A or 746345 LV 0.5m 95ax</p>	<p>Duct 2 way</p> <p>Duct 1 way (no text)</p> <p>Spare duct</p> <p>Cross section arrow</p> <p>Cross section showing: duct, tile depth, tile, single LV cable and HV Triplex cable</p>







**Duct materials**

(no text) pvc st asb fbr wi cp t/e	<p>Earthenware</p> <p>PVC</p> <p>Steel</p> <p>Asbestos</p> <p>Fibre</p> <p>Iron</p> <p>Concrete pipe</p> <p>Trenchless excavation</p>
---	---

Poles (1:500 view)	
NetMAP system	Description
(S) 999999 	Section pole Pole number (unique) Single leg
	H pole
	3 member
	4 member
	Strut
	Pole support (stay)
	Flying stay
	Tower 33kV to 400kV




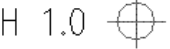
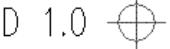



EHV, HV and LV sites (1:500 view)	
NetMAP system	Description
Note: EHV and HV sites are identified by a unique 6 digit number (SPENS)	
	Ground mounted primary substation showing name, transformer voltage and SPENS number
	Pole mounted substation showing name and SPENS number
	Ground mounted substation showing name and SPENS number
	2 way link box
	4 way link box
	Link box without busbar
	(options similar to 1:2500 view) LV distribution pillar
	Voltage regulator
	Voltage balancer
	Open point
	Open point - out of phase
	Overhead open point
Note: For LV linking, use the 1:2500 view	

Joints (1:500 view)	
NetMAP system	Description
	Straight (same for HV)
	Pot end (same for HV)
	Branch (same for HV)
	Sleeve repair
	Capped end
	Service to LV main
	Under eaves service
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>□</p> <p>.1 .15 □</p> <p>R - R</p> <p>Y - B</p> <p>B - Y</p> </div>	Jointing phase drawing




Street furniture (1:500 view)	
NetMAP system	Description
	Pole mounted street light
	Street light Zebra crossing Road sign
	Bollard Pelican crossing Traffic controller Advertising sign Amplifier station
	Control cubicle <u>Text displayed/description</u>
	Pay and display Bus shelter TBS Kiosk
	Water meter PL pillar TCB Unknown



### Miscellaneous (1:500 view)

NetMAP system	Description
	Underground chamber or draw pit
	Earth conductor
	Earth pin
	Height marker
	Depth marker
	Supply point
	Missing data in or near this location
	Contaminated land reference

### Connectivity (1:500 view)

NetMAP system	Description
	Edge node
	Node
	Connector
	Pole termination (nothing visible unless selected)

Edge nodes, nodes, connectors and pole termination joints may not appear on screen unless turned on and selected.

### Abbreviations (1:500 view)

NetMAP system	Description
NR	No record
SU	Size unknown
AB	Abandoned
(M)	PME available
V05	Year LV linking verified
MS	Milestone
MP	Marker post
pmt	Pole mounted transformer
pl	Public lighting
TBS	Temporary builder's supply
TCB	Telephone call box
CET	Cable electronically traced
IT	Instrument traced (same as CET)
CAT	Cable avoidance tool (same as CET)
+sl	Street lighting
+sw	Switch wire
2c	2 core
PESL	Public Electricity Supply License
Added	Supplied by SPN
Excluded	Not supplied by SPN
IIP	Assumed open point
VSxxxx	Vacant site
CB	Callender box

### Cable phasing (1:500 view)

<u>Old core colours</u>	<u>Shown on map</u>	<u>New core colours</u>
Neutral	Neutral	Neutral
Red	R	L1
Yellow	Y	L2
Blue	B	L3

Note:- Scott is a different phasing system

**Operational status colours (1:500 view)**

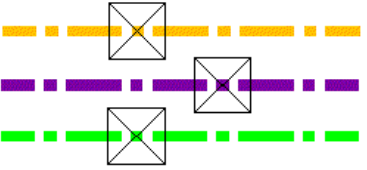
PROPOSAL ———— Symbols and cables appear in ORANGE  
OUT OF SERVICE ———— Cable and joints appear in BLACK  
ABANDONED ———— Cables and joints appear in GREY

**1:2500 view - for UK Power Networks use only - boxed red**






**Notes**

1. No underground HV cables are shown on the 1:2500 view
2. Poles and joint details are similar to the 1:500 view
3. For cable/line information refer to the 1:500 view



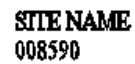
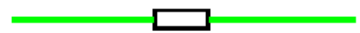

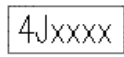
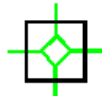


**Primary distribution line route (1:2500 view)**

NetMAP system	Description
	<p>275–400kV National Grid route</p> <p>132kV cable route</p> <p>33kV cable route</p>

**Secondary distribution cables (1:2500 view)**







NetMAP system	Description
	<p>11kV overhead line</p>
	<p>6.6kV overhead line</p>
	<p>&lt;6.6kV overhead line</p>
	<p>LV underground cable</p>
	<p>LV overhead line</p>

### Primary and secondary sites (1:2500 view)

NetMAP system	Description
Note: EHV and HV sites are identified by a unique 6 digit number (SPENS)	
	Ground mounted substation showing capacity, phase, name and SPENS number
	Pole mounted substation showing capacity, phase, name and SPENS number
	Primary substation showing name and SPENS number (no site shown)
	2 way link box
	4 way link box
	Link box identifier
	4 way link box without busbar
	6 way link box without busbar
	8 way link box without busbar

section continued on next page

### Primary and secondary sites continued (1:2500 view)

NetMAP system	Description
	LV distribution pillar
	Voltage regulator
	Voltage balancer
	Open point
	Open point - out of phase
	Earth pin

### Switch types (1:2500 view)







NetMAP system	Description
ABSD	Air brake switch disconnecter
A/R	Auto recloser
A/S	Sectionaliser
FUSE	Fuse
S/D	Surge diverter
PF	Pathfinder
ASL	Automatic sectionalising links
PMR	Pole mounted recloser
PMS	Pole mounted sectionaliser
GVR	Gas vacuum recloser

### 1:10000 view - for UK Power Networks use only - boxed red











#### Notes

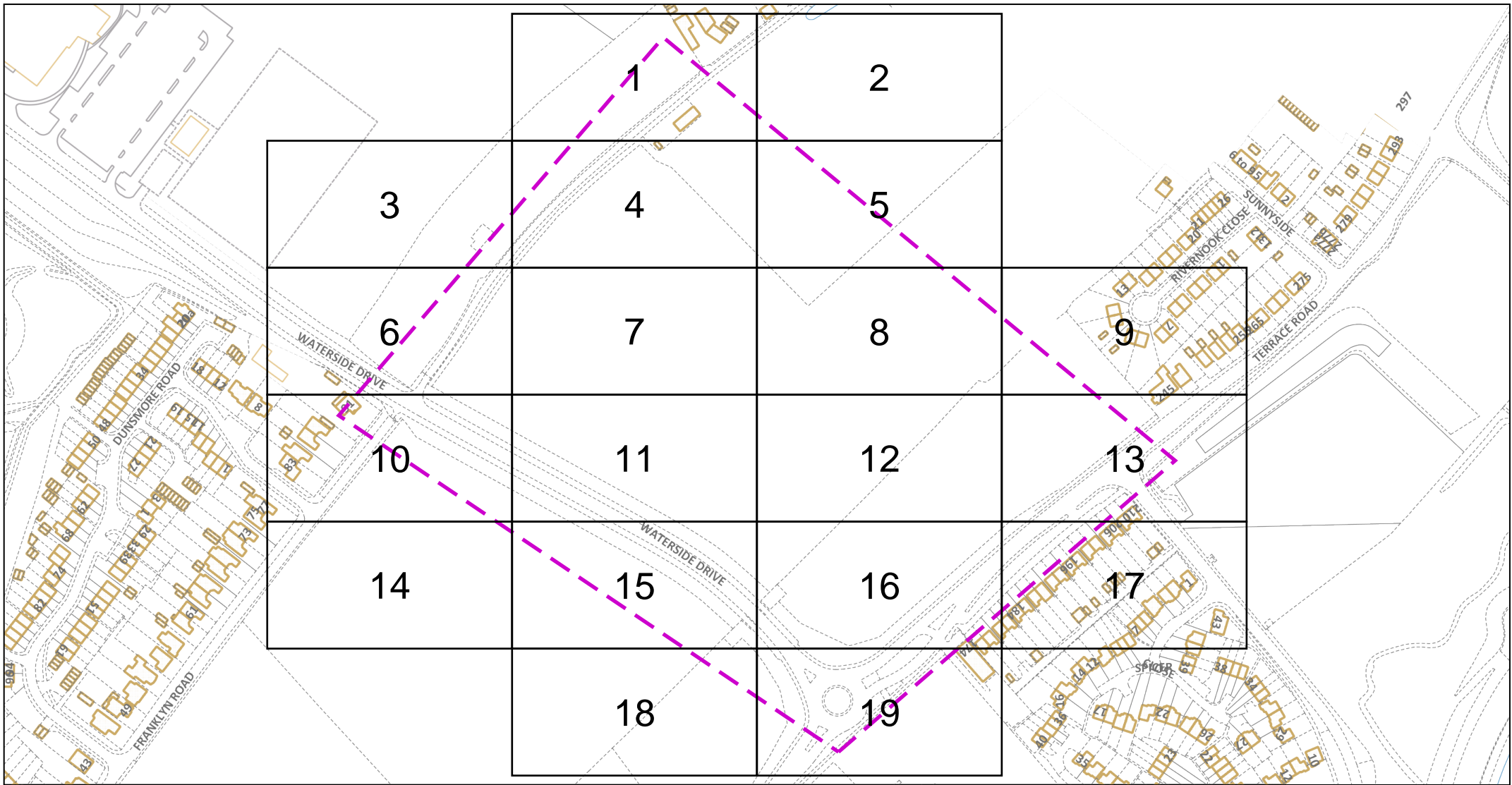
1. No EHV cables/overhead lines shown on 1:10000 view.
2. For congested areas print at 1:5000.
3. HV site used instead of branch joint on 1:10000 for connectivity purposes. The site is not displayed until it is selected.

### Secondary distribution cables (1:10000 view)

NetMAP system	Description
	11kV underground cable
	6.6kV underground cable
	<6.6kV underground cable
	11kV overhead line
	6.6kV overhead line
	<6.6kV overhead line

### Primary and secondary sites (1:10000 view)

NetMAP system	Description		
Note: EHV and HV sites are identified by a unique 6 digit number (SPENS)			
<table border="1"> <tr> <td>SITE NAME 008590</td> <td></td> </tr> </table>	SITE NAME 008590		Primary substation showing name and SPENS number
SITE NAME 008590			
SITE NAME 521234			
SITE NAME 524514			
SITE NAME 523634			
SITE NAME pmt 527522			
SITE NAME pmt 525743			
SITE NAME pmt 526543			
SITE NAME 527238			



Dig Sites Area: Line:

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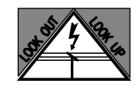


This plan must be used with the attached 'Symbols' document.  
 Date Requested: 27/05/2020  
 Job Reference: 18486203  
 Site Location: 510499 167264  
 Requested by:  
 Mr David Haigh  
 Your Scheme/Reference:  
 421267  
 Scale: 1:3075 (When plotted at A4)

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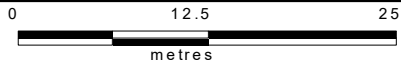
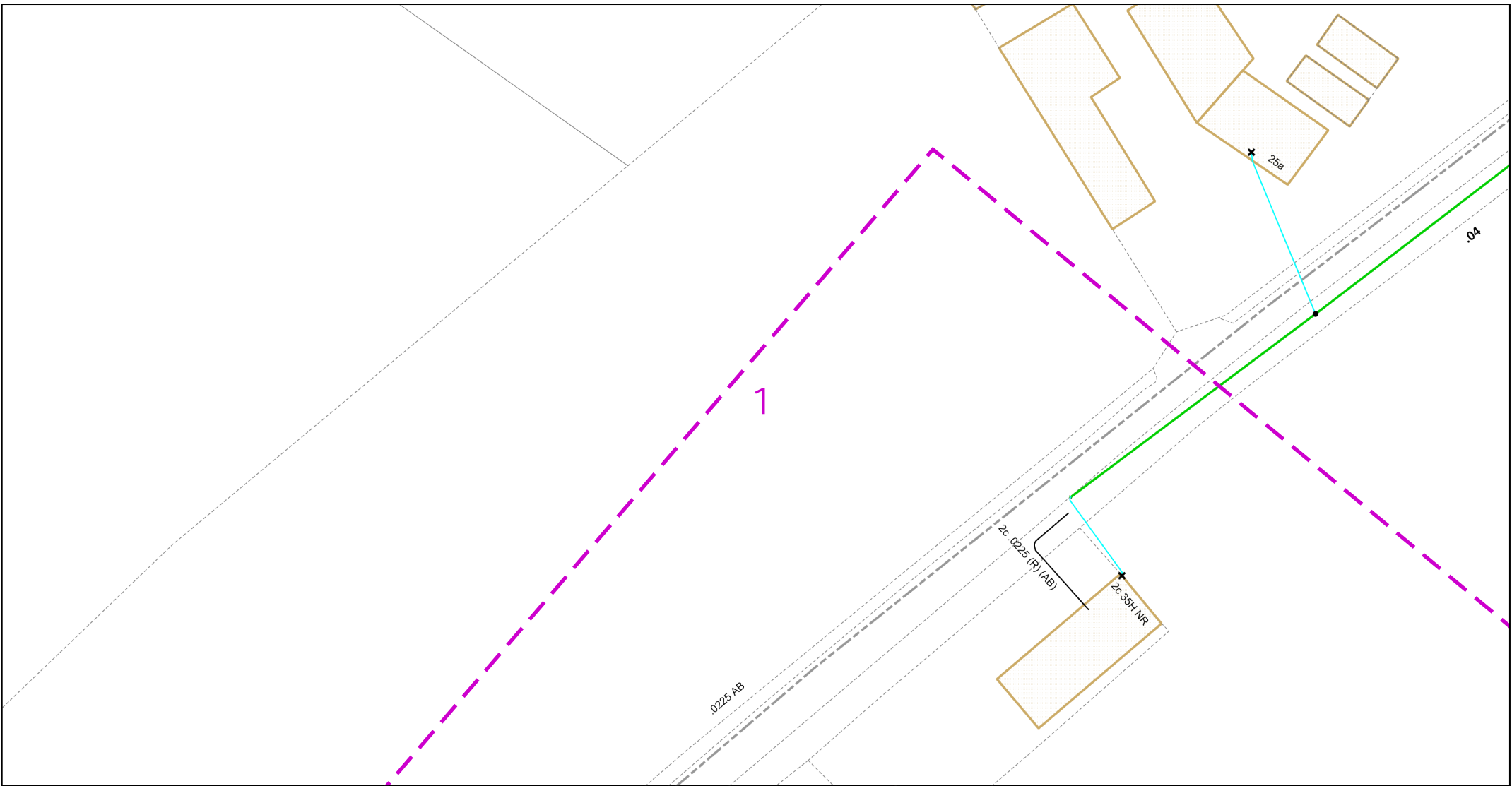
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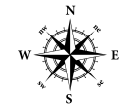
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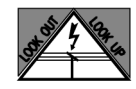
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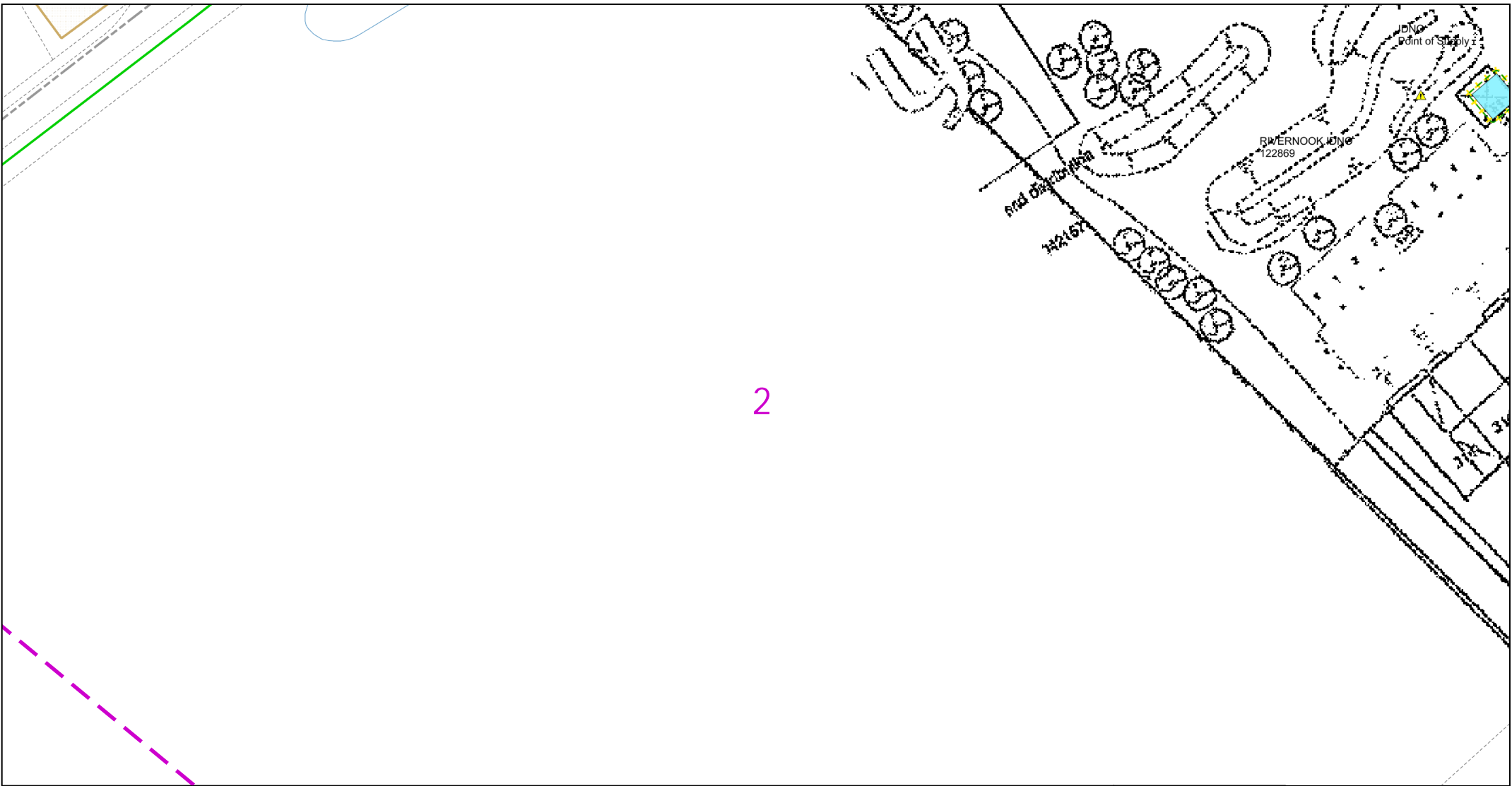
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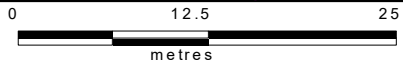


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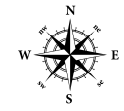


2



Dig Sites Area: Line:

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3



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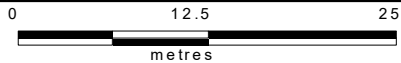
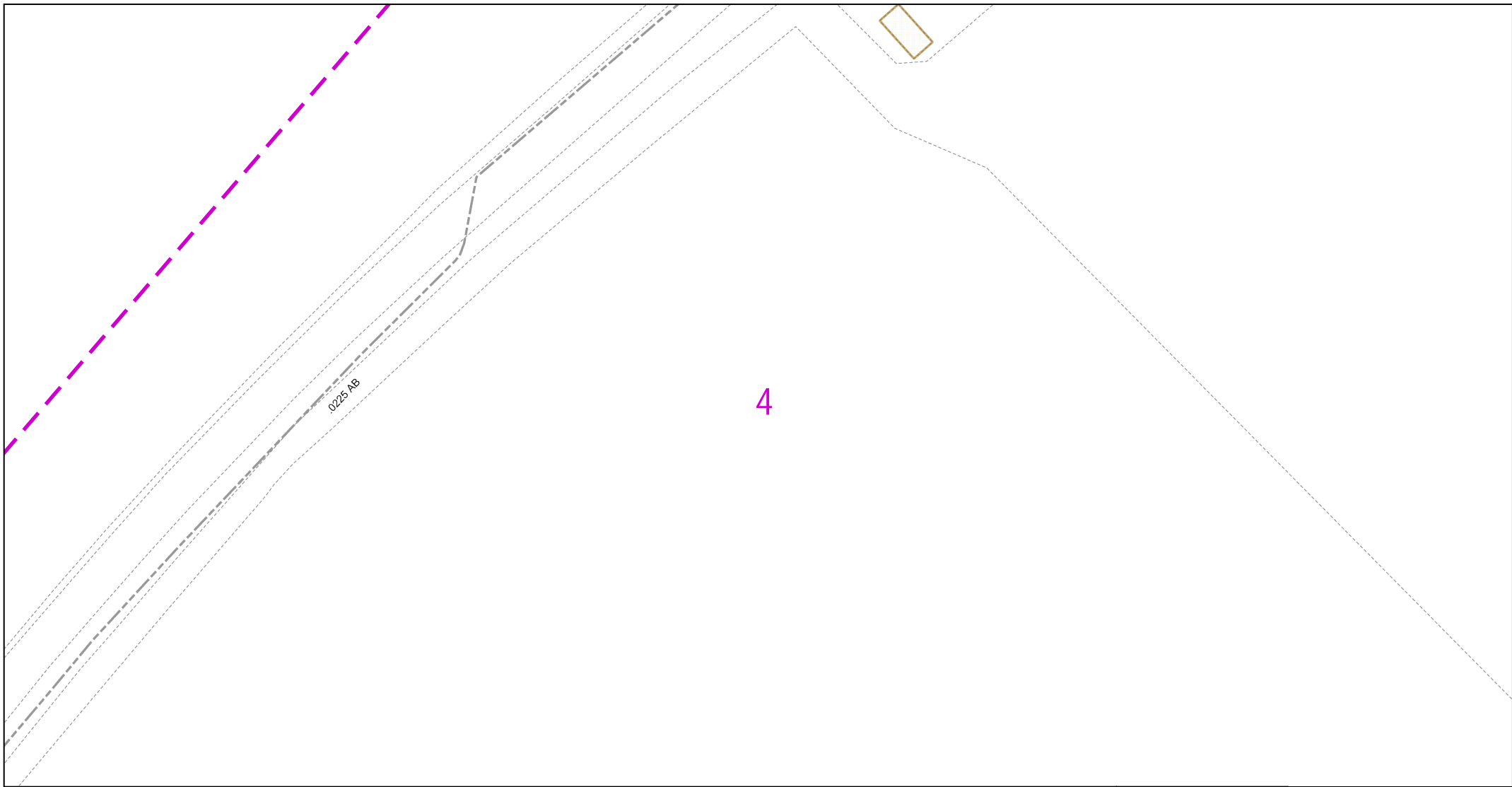
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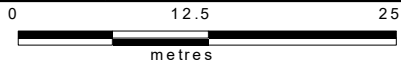
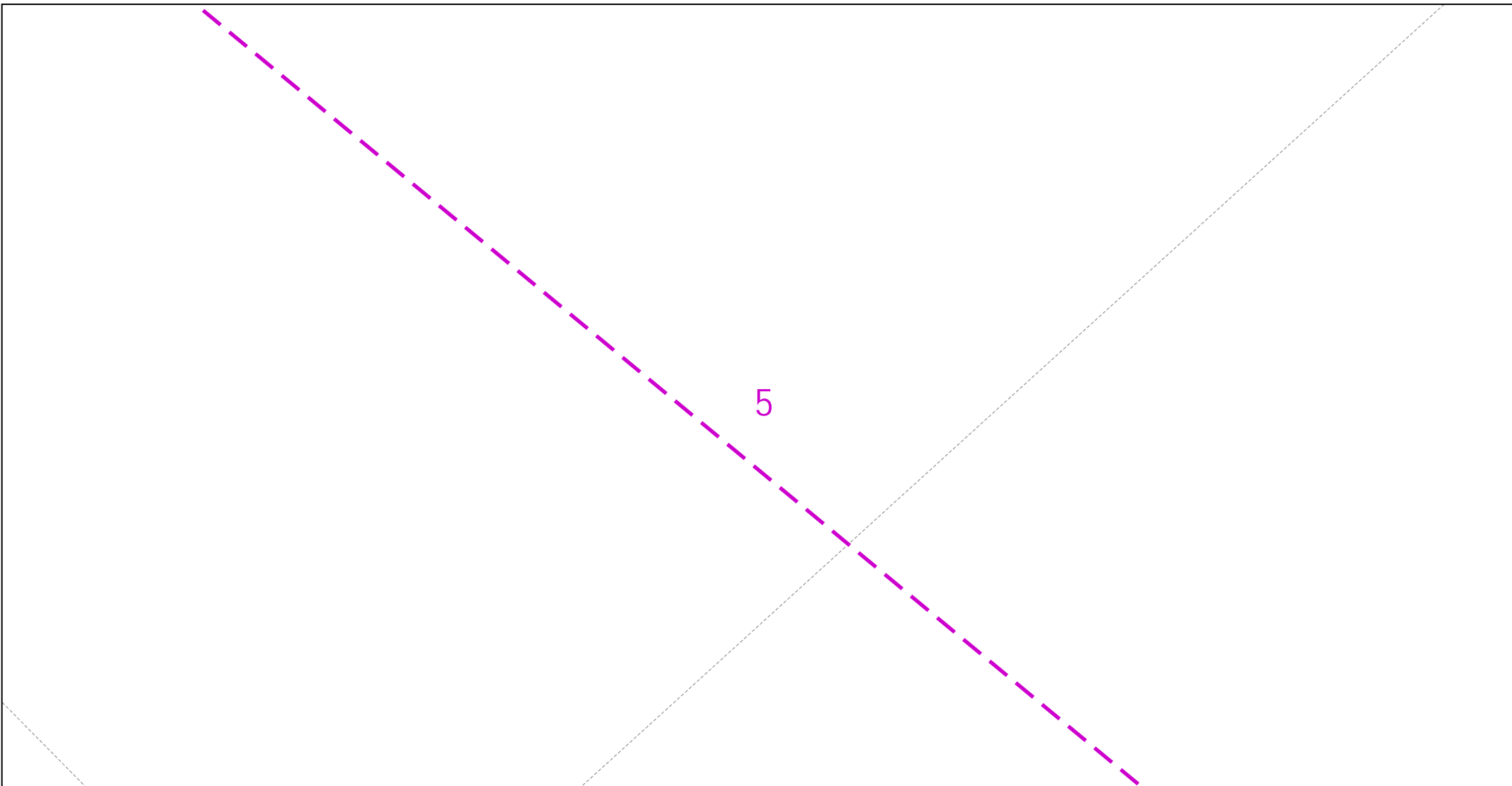
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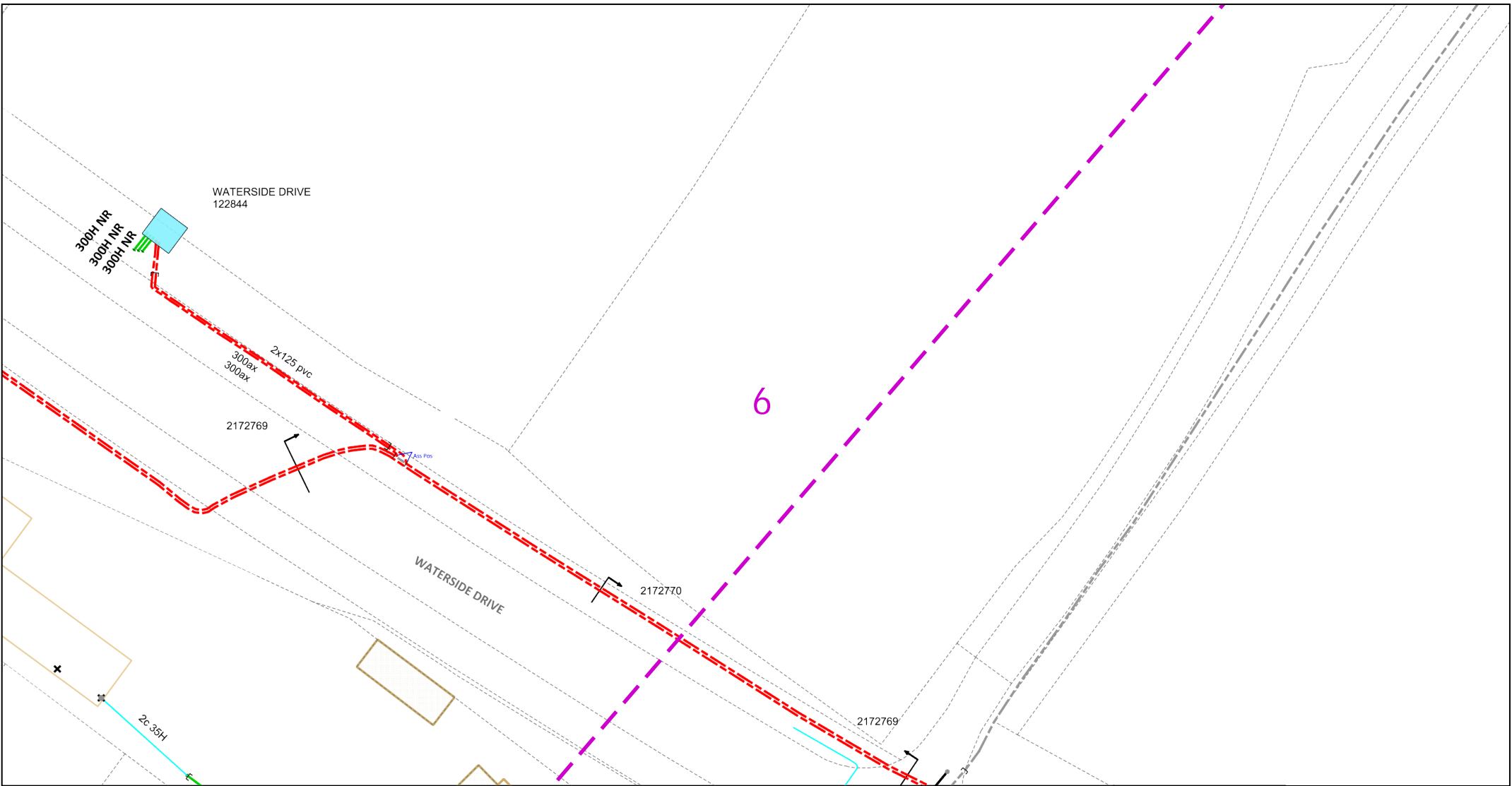
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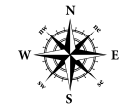
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 Job Reference: 18486203  
 Site Location: 510499 167264  
 Requested by: Mr David Haigh  
 Your Scheme/Reference: 421267  
 Scale: 1:500 (When plotted at A4)

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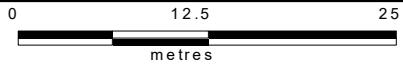
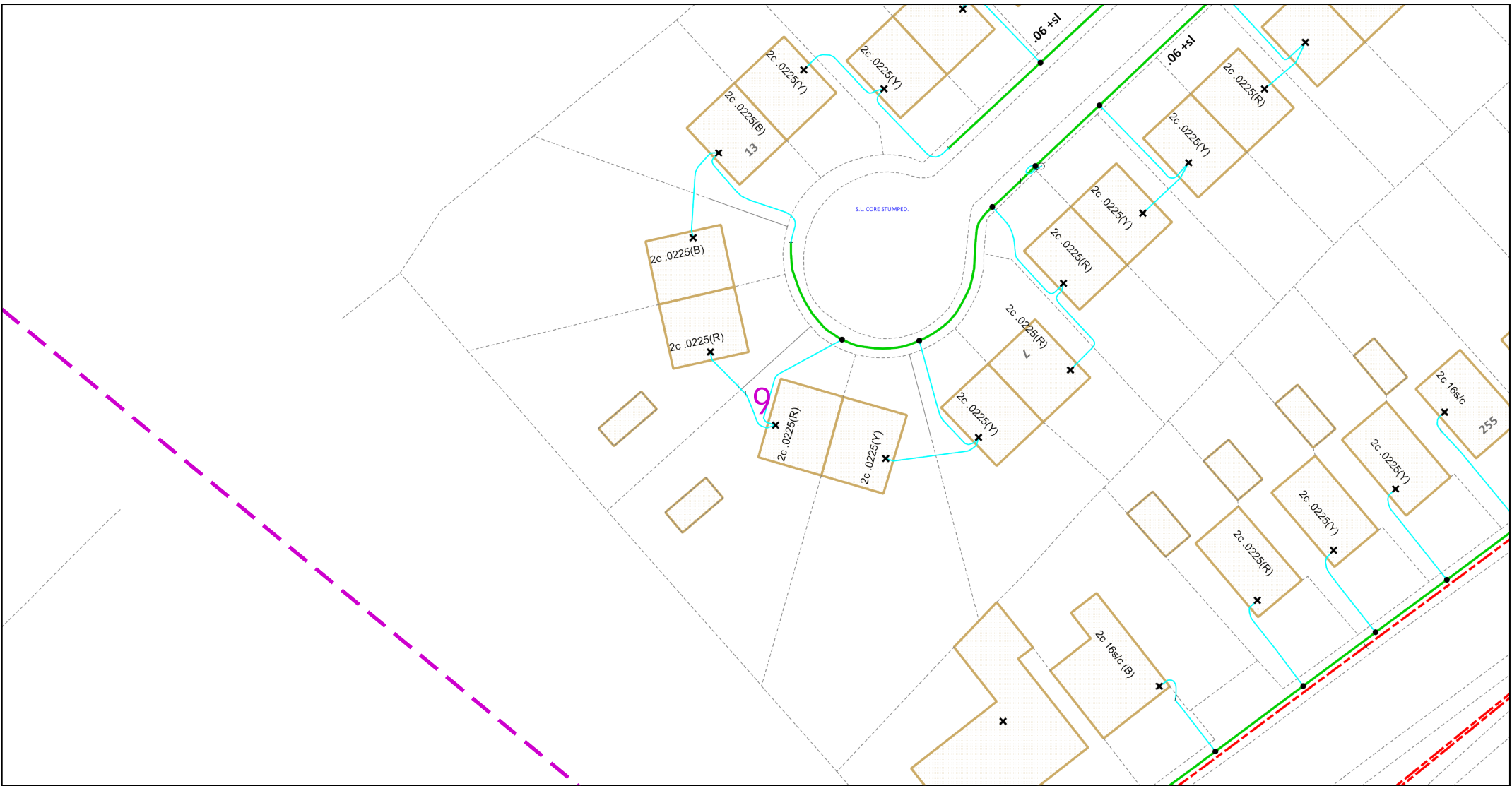
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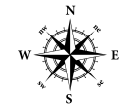
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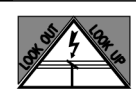
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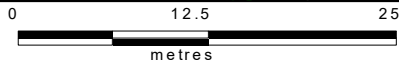
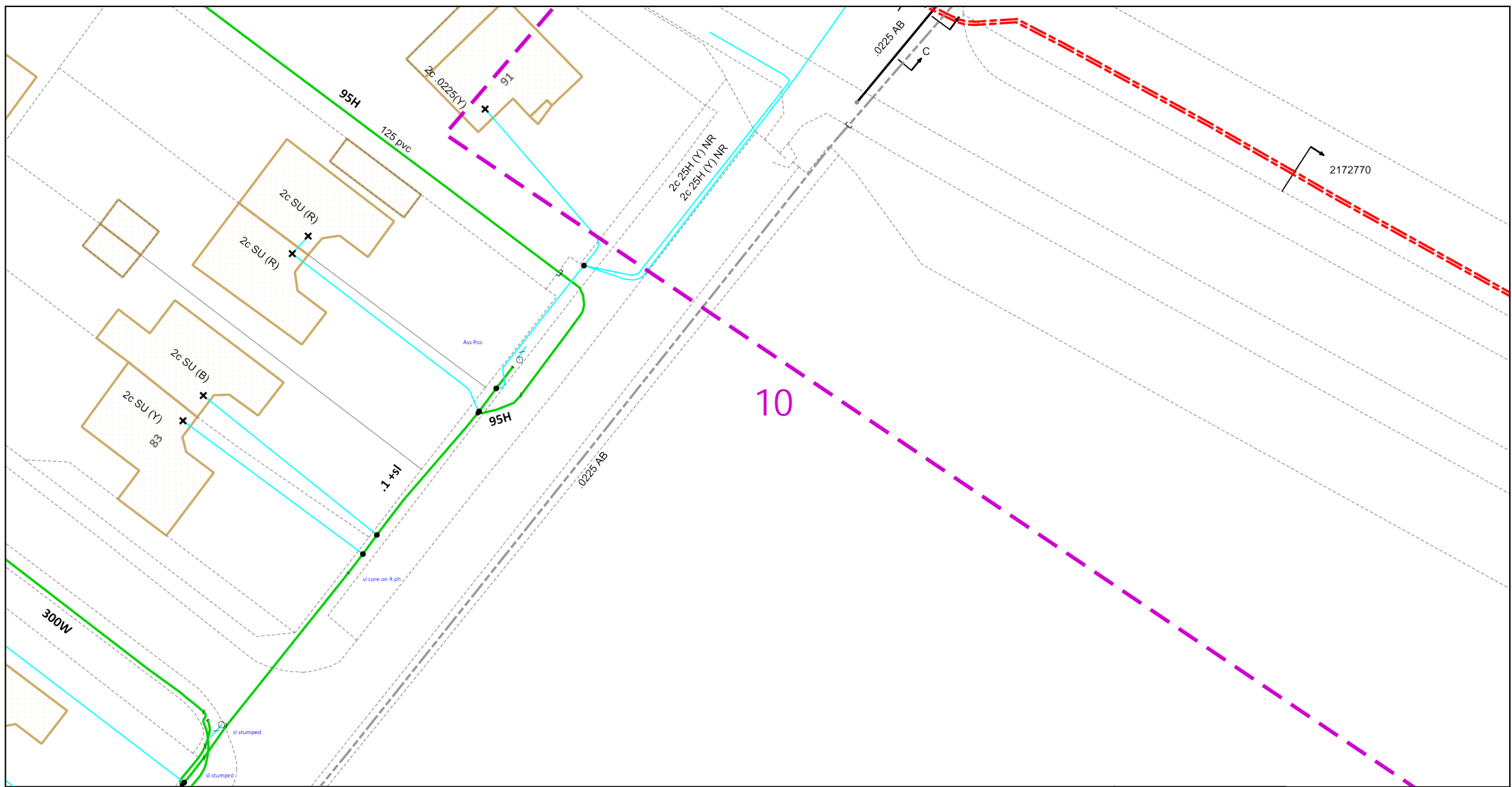
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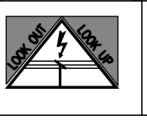
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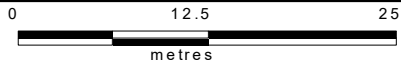
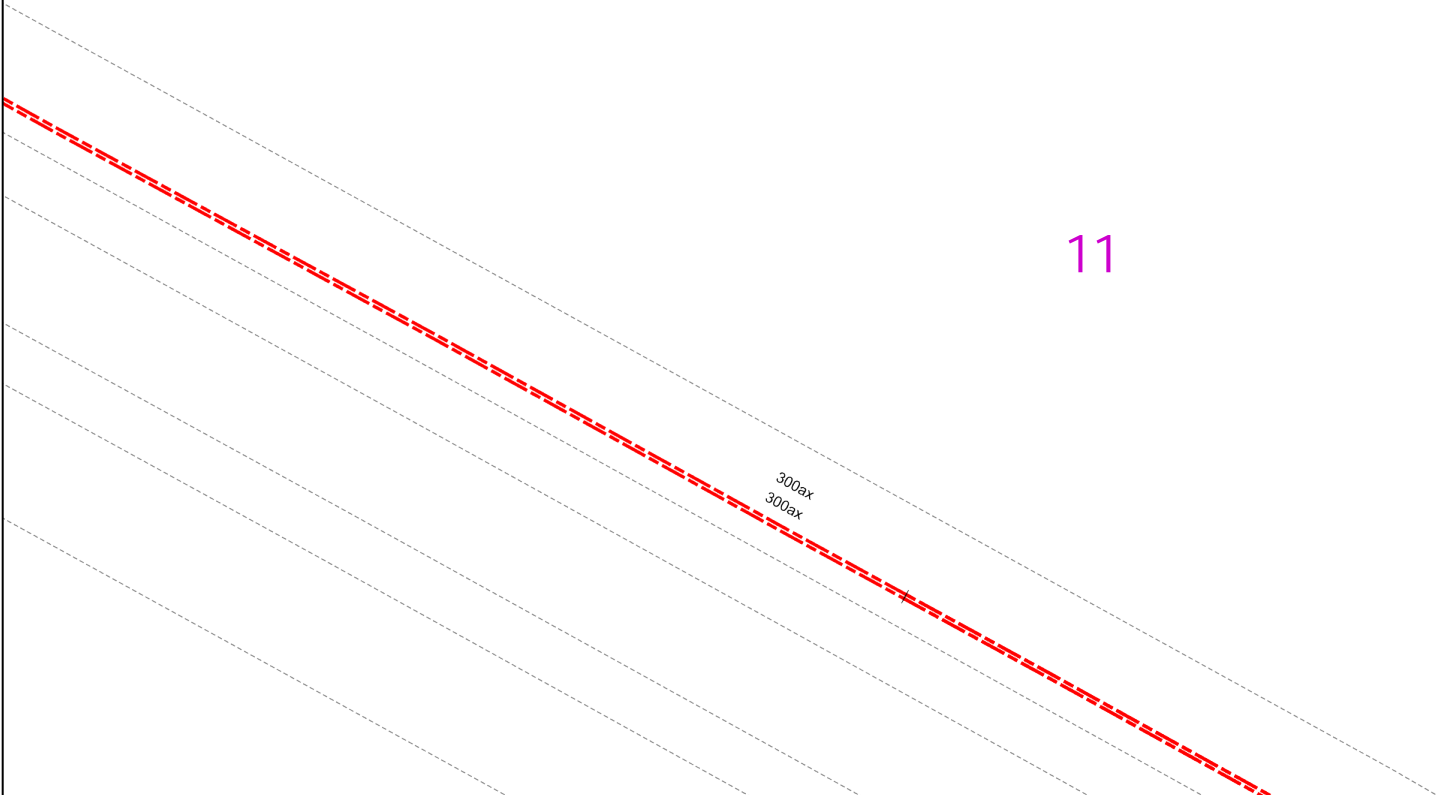


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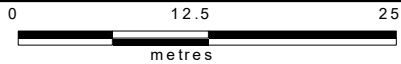
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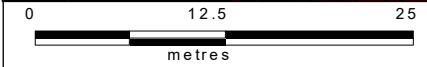
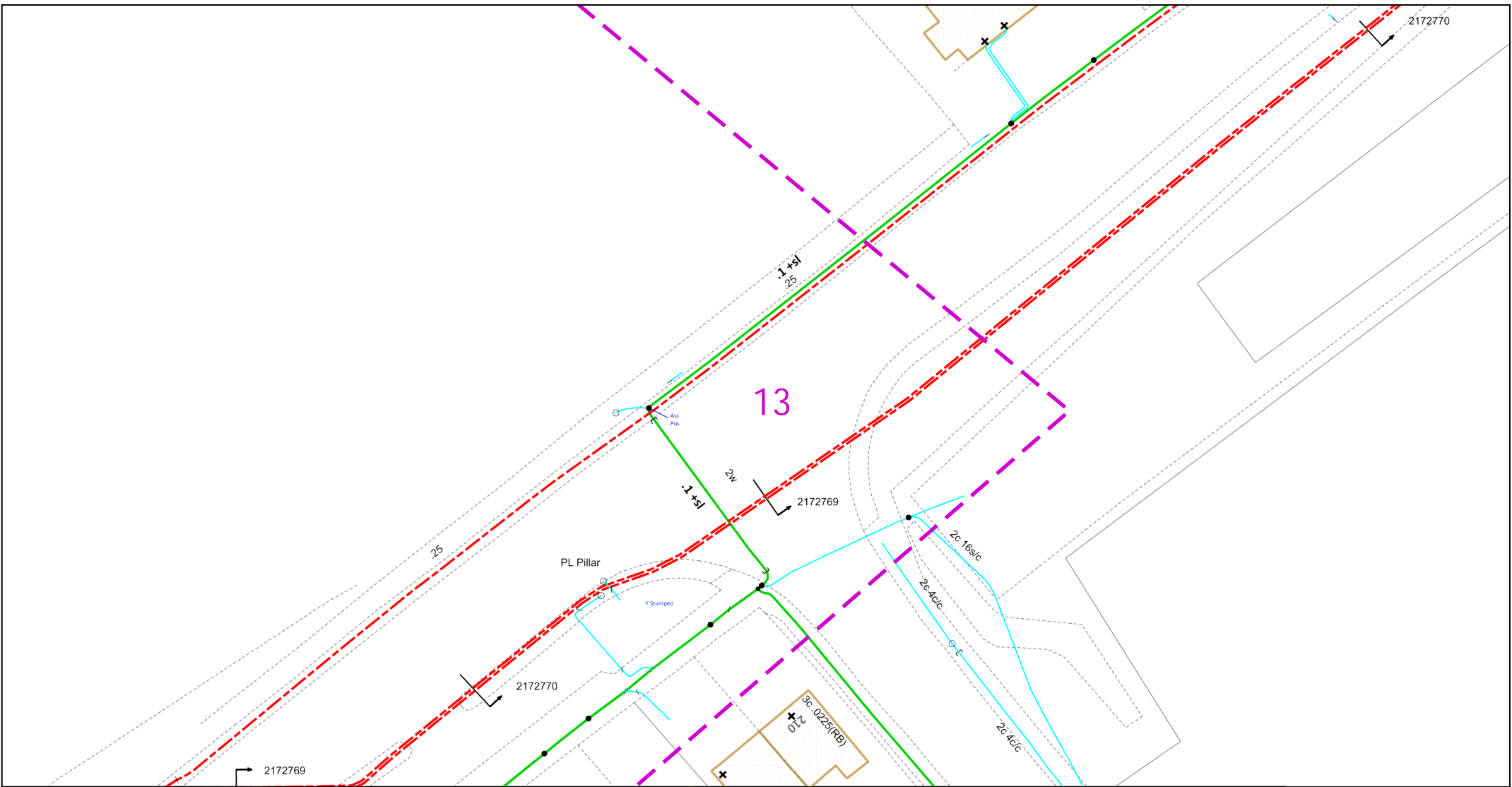
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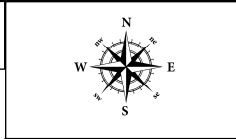
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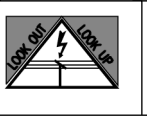
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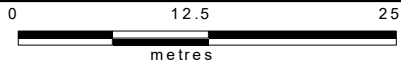
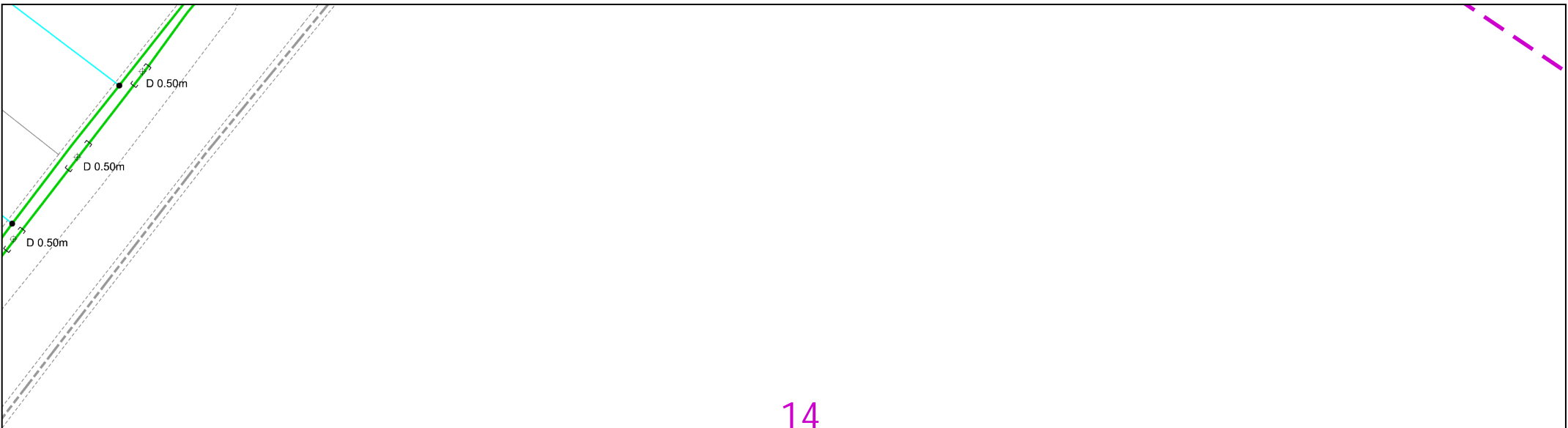


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Date Requested: 27/05/2020  
 Job Reference: 18486203  
 Site Location: 510499 167264  
 Requested by: Mr David Haigh

Your Scheme/Reference: 421267  
 Scale: 1:500 (When plotted at A4)

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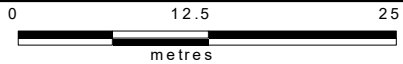
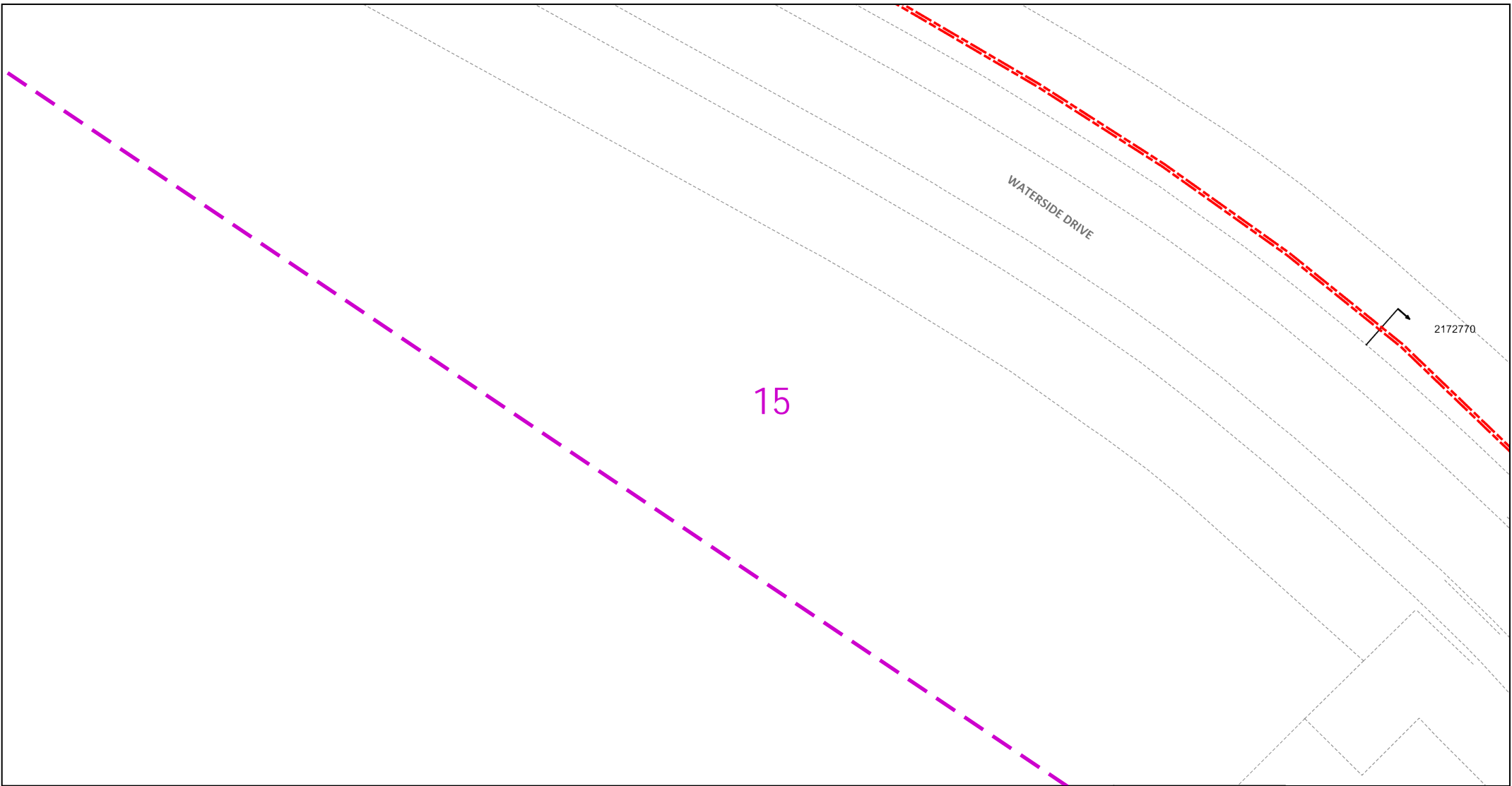
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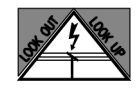
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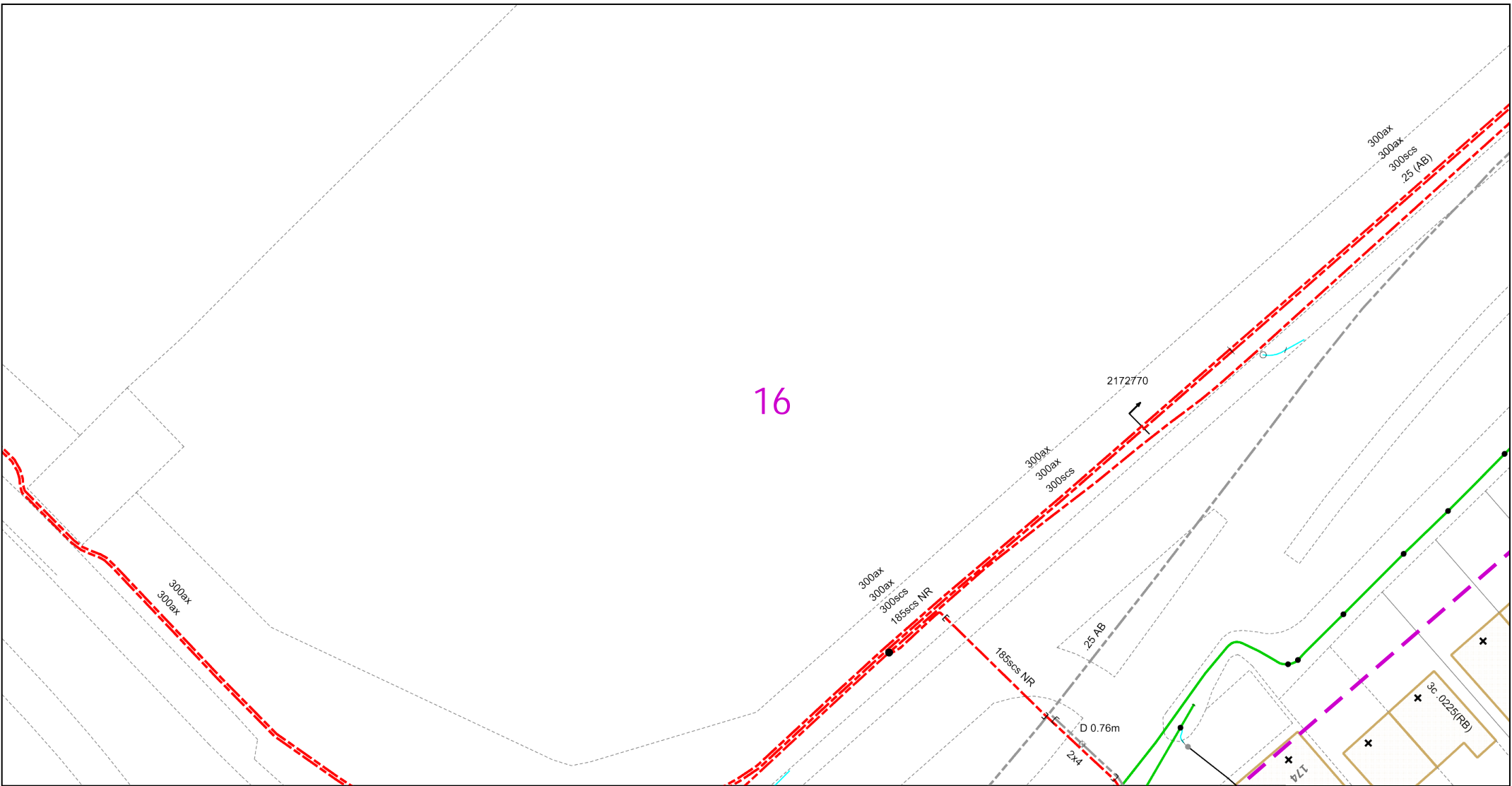
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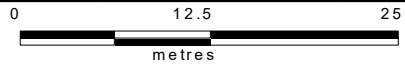


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16



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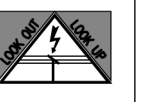
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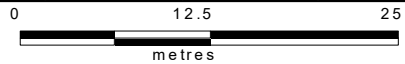
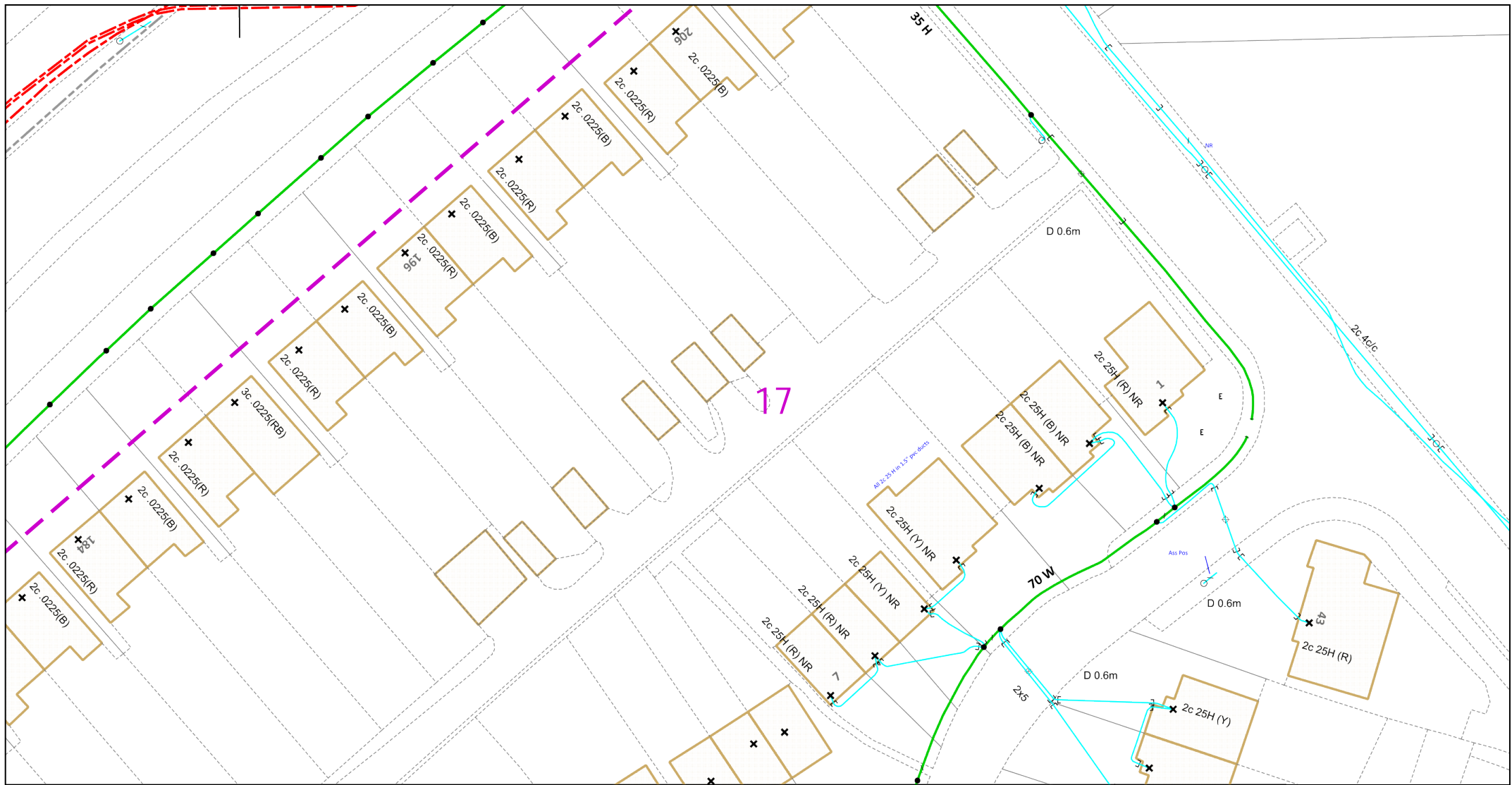
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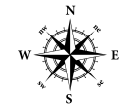
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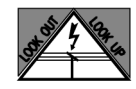


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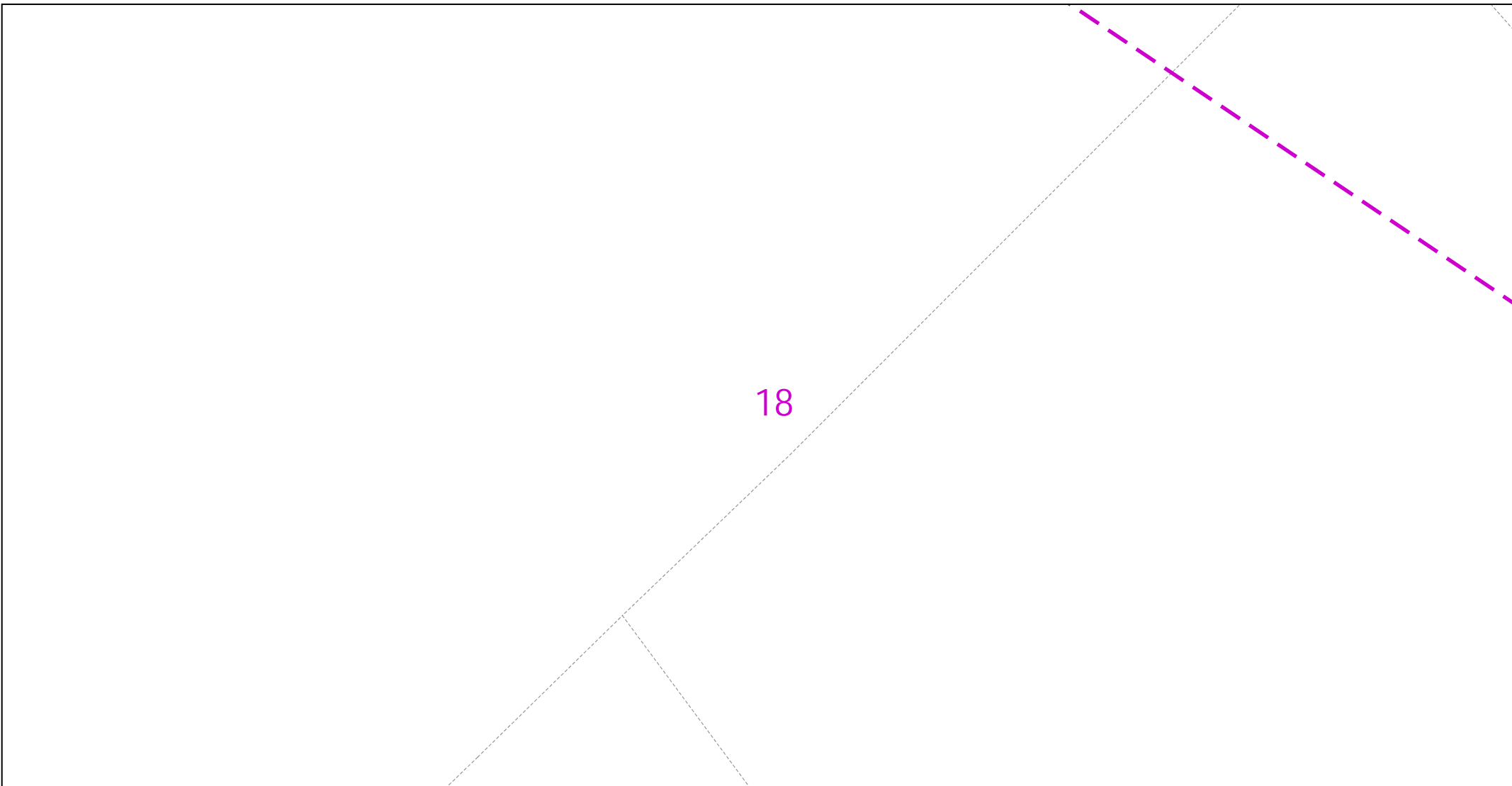
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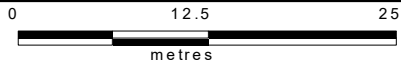


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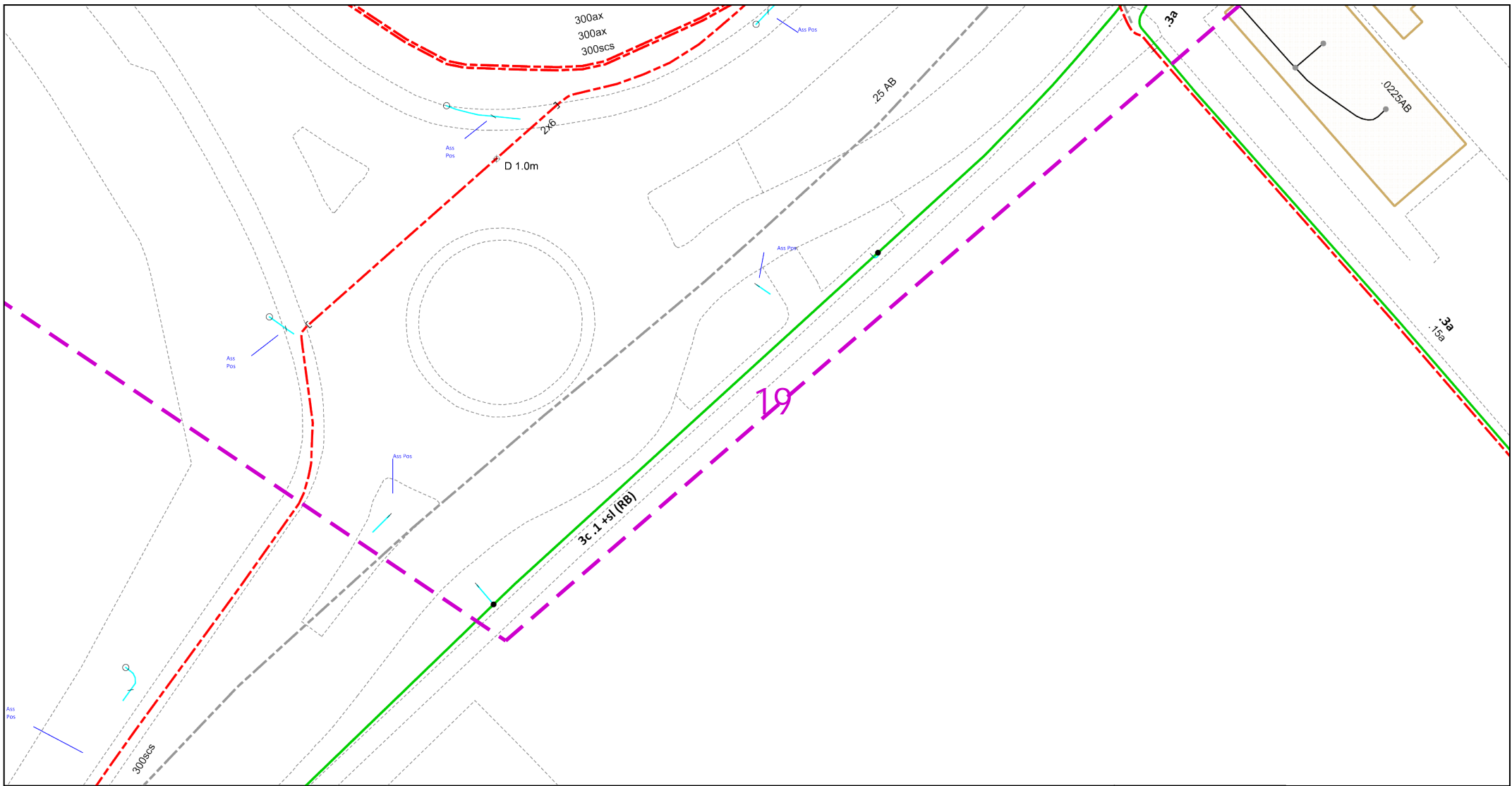
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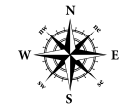
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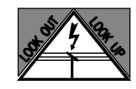


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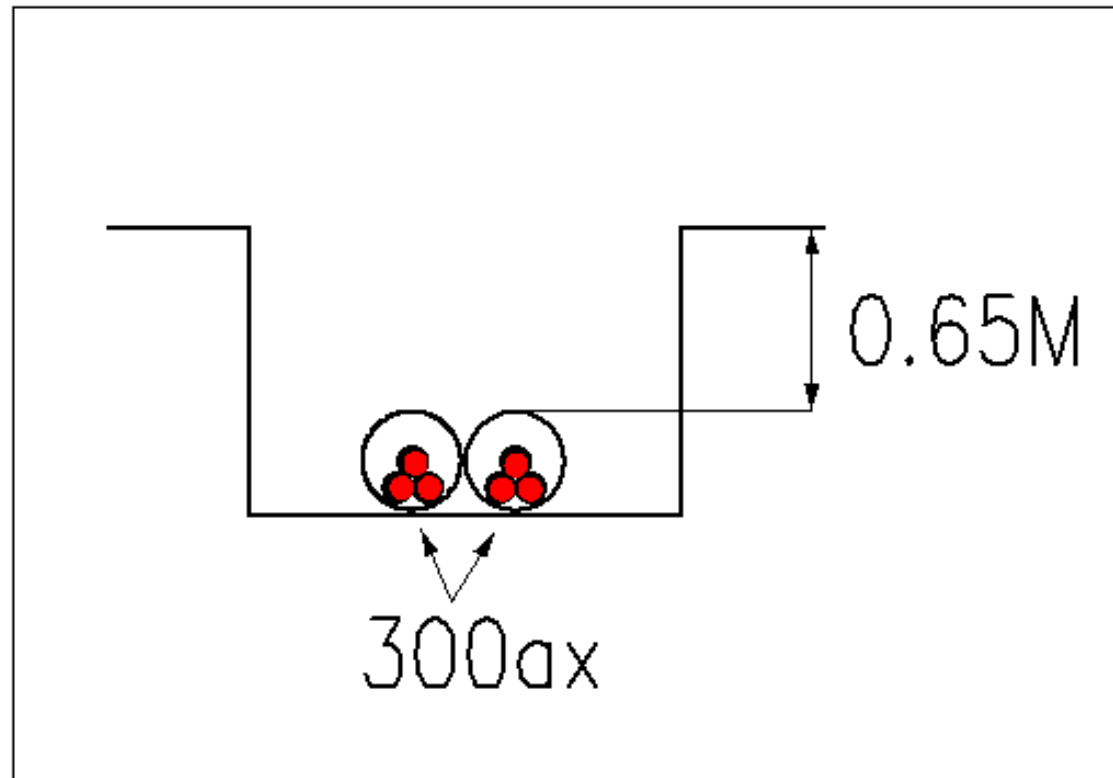
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## Cross Section : 2172770



## Cross Section 2172770

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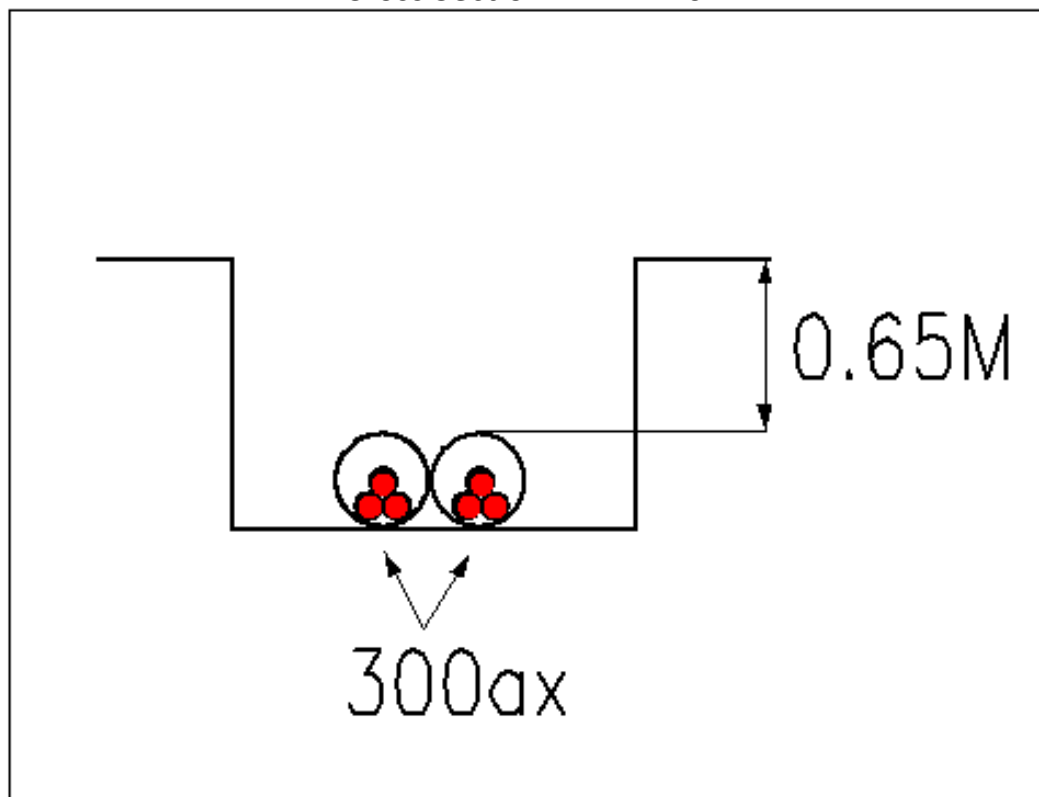
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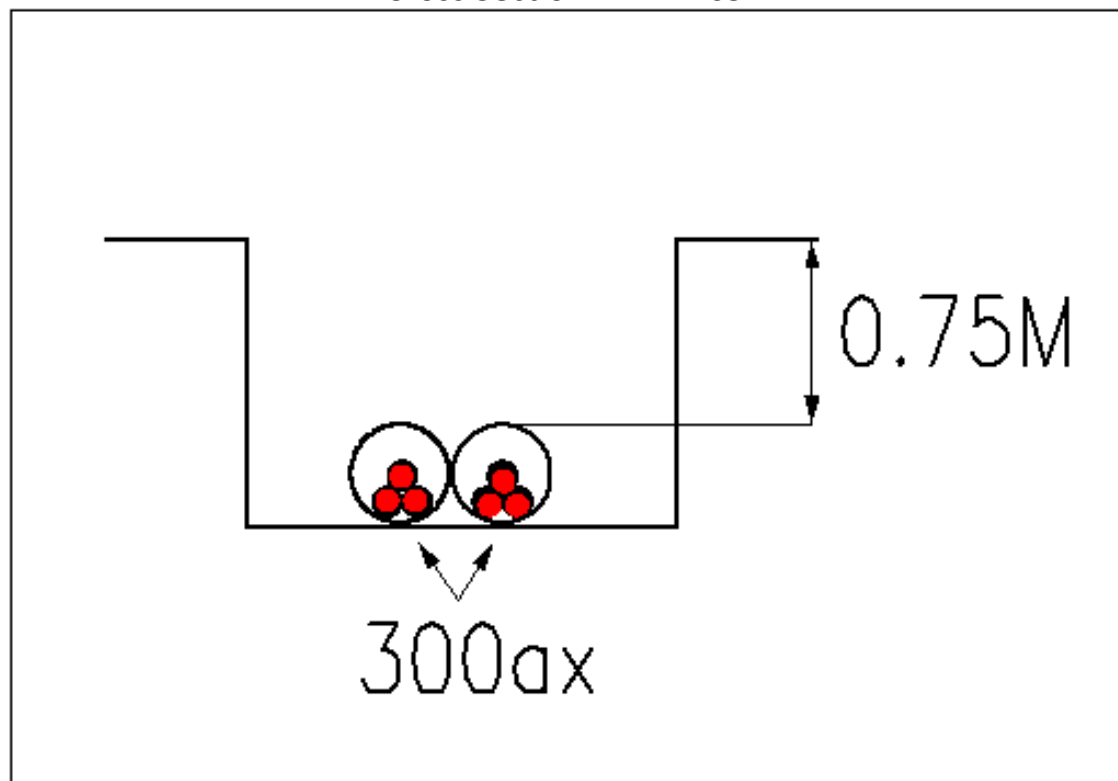
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## Cross Section : 2172769



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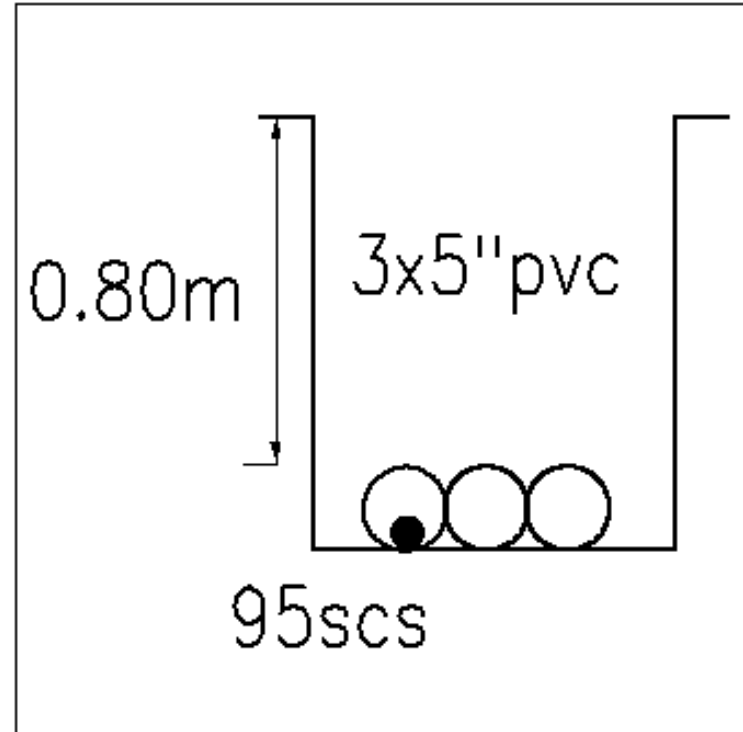
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## Cross Section : D



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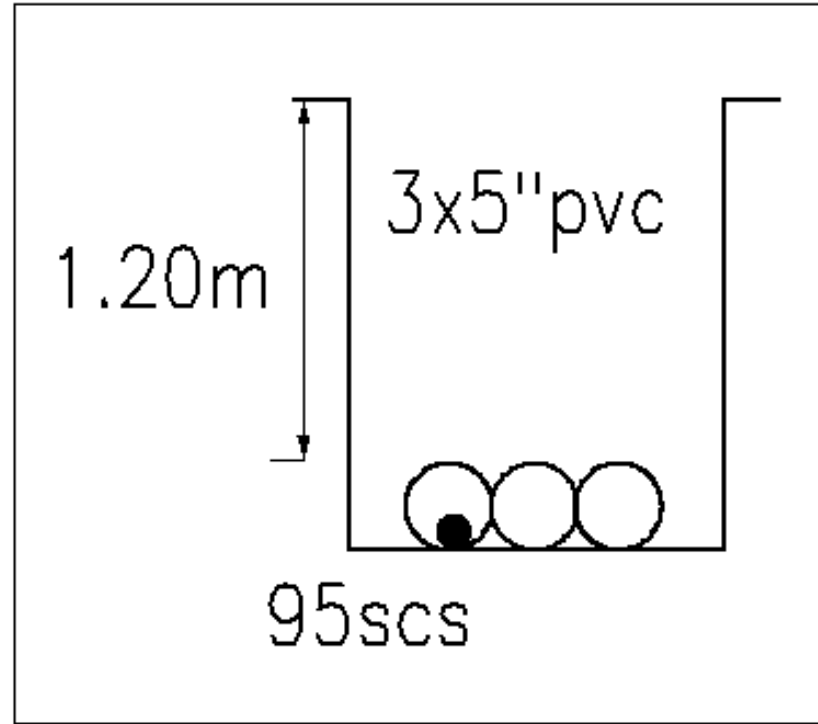
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## Cross Section : C



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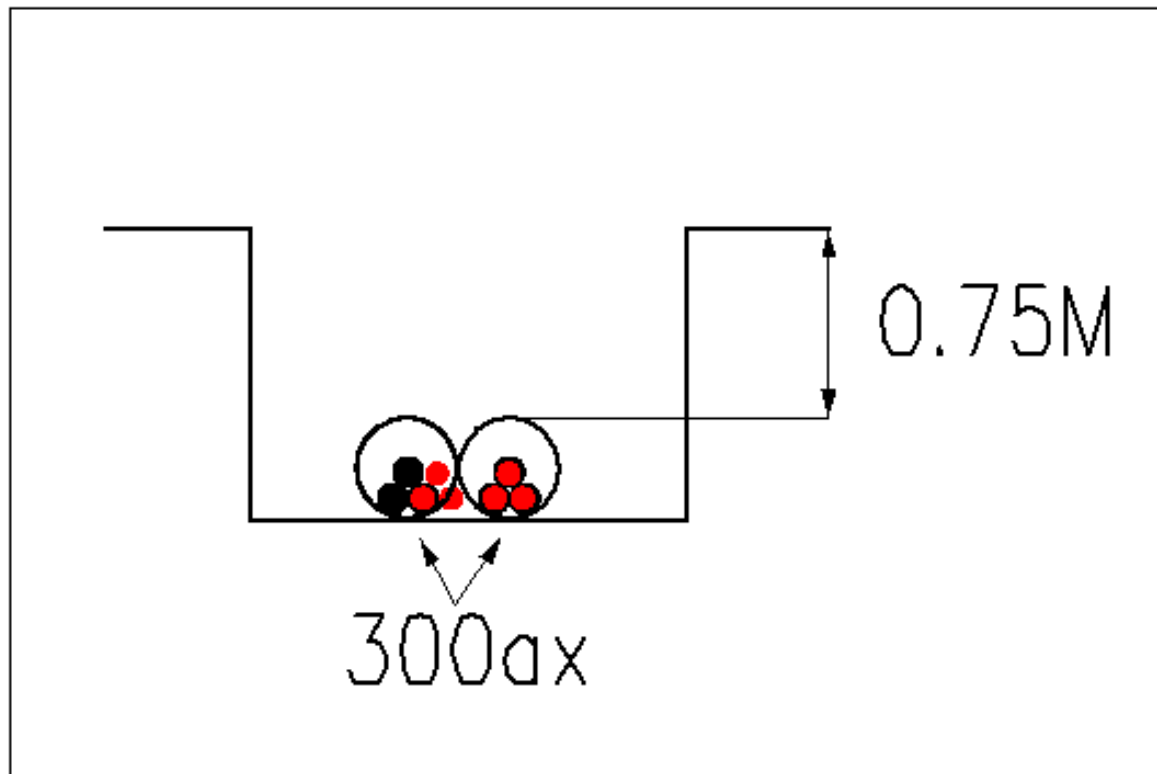


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## Cross Section : 2172769



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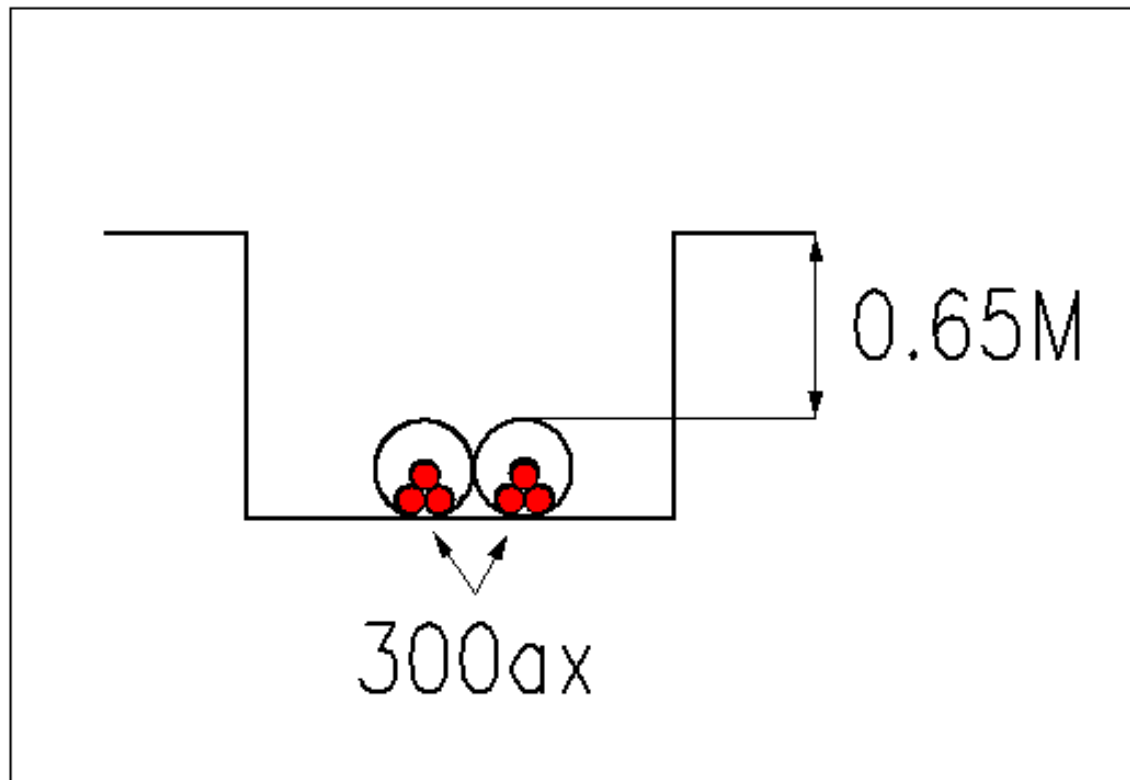
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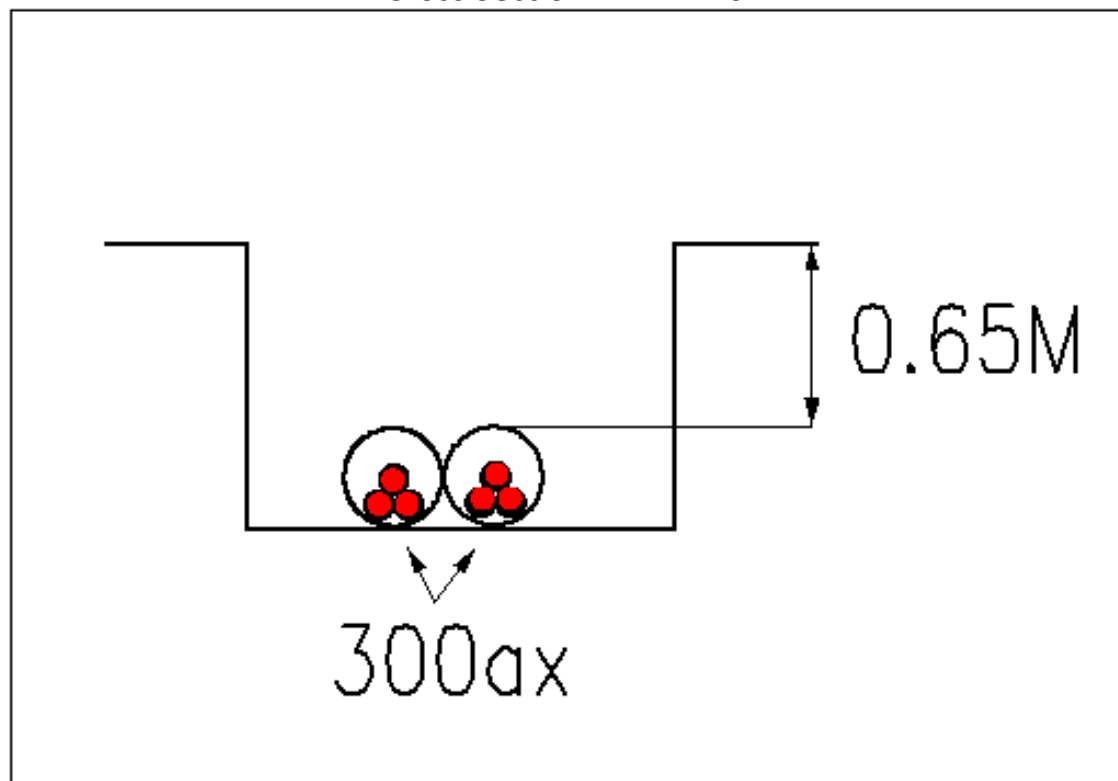
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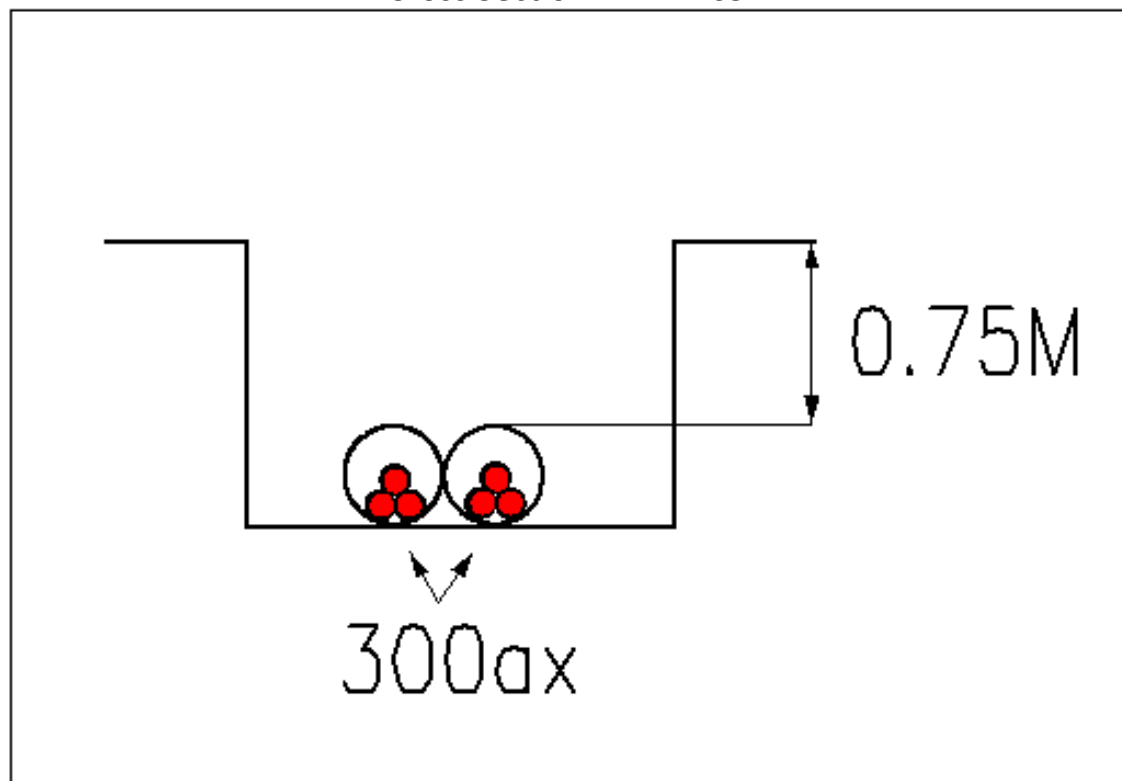
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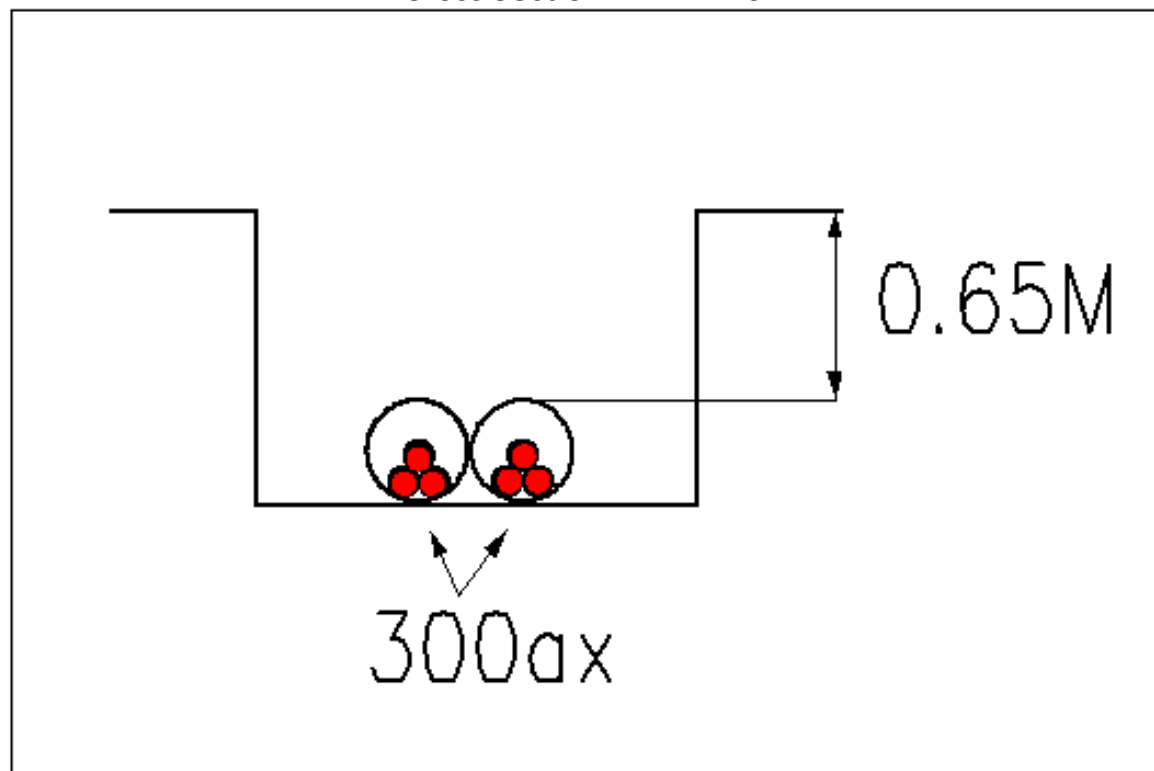
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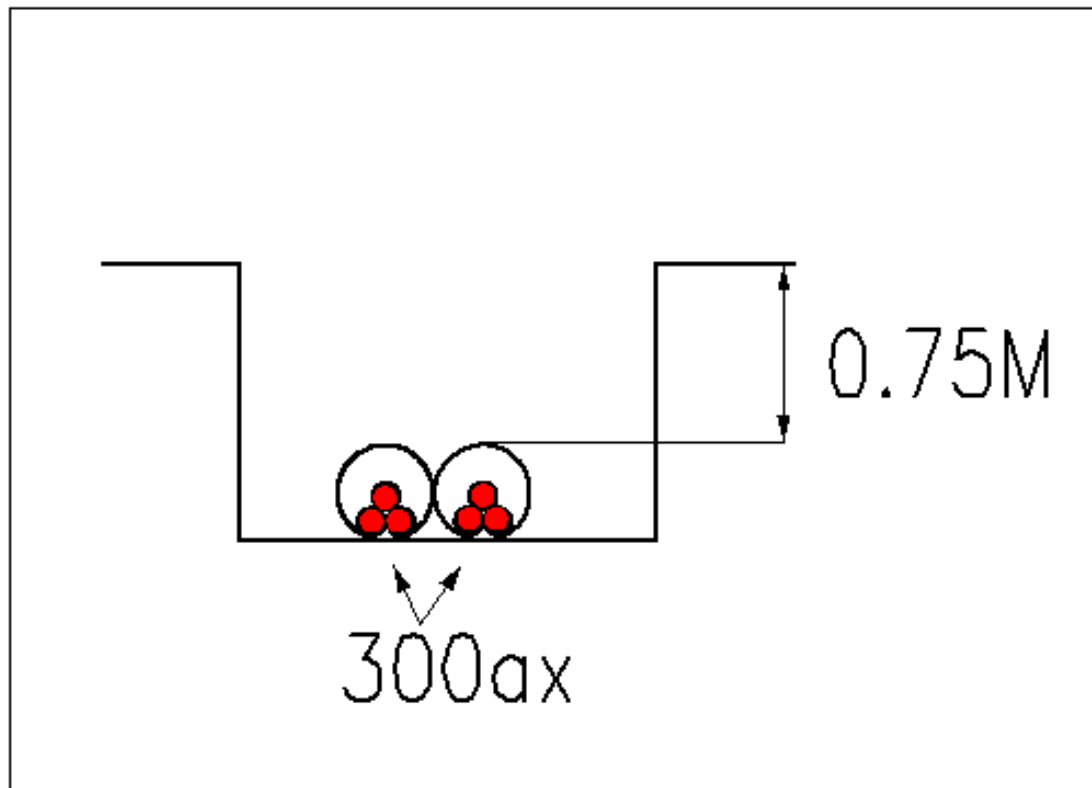
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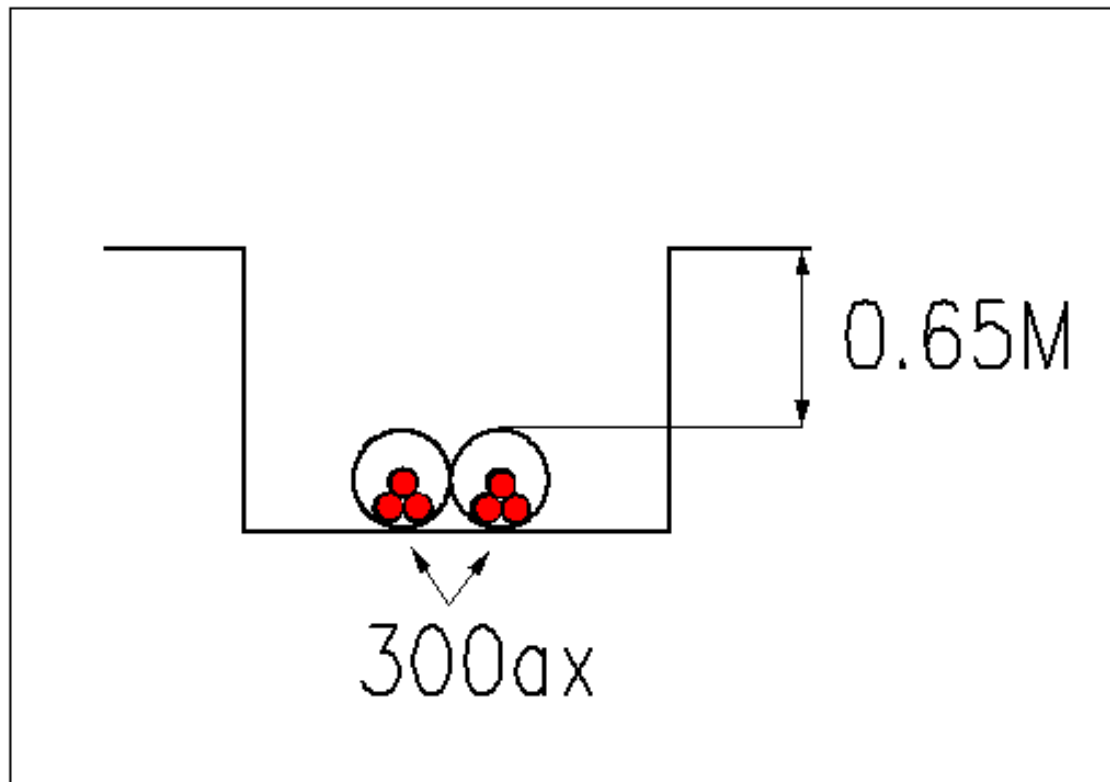
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Our Ref: 18486203      Your Ref: 421267

Wednesday, 27 May 2020

David Haigh  
Blount House Hall Court Hall Park Way  
Telford  
Shropshire  
TF3 4NQ

Dear David Haigh

Thank you for your enquiry dated Wednesday, 27 May 2020

Please find an extract from our mains records for your proposed work area, any SGN assets are described in the map legend. **On some occasions blank maps may be sent to you, this is due to your proposed work being in a no gas area but within our operational boundaries.**

This mains record only shows the pipes owned by SGN in our role as a Licensed Gas Transporter (GT). Please note that privately owned gas pipes or pipes owned by other GTs may be present in this area and information regarding those pipes needs to be requested from the owners. If we know of any other pipes in the area we will note them on the plans as a shaded area and/or a series of x's.

**The information shown on this plan is given without obligation or warranty and the accuracy cannot be guaranteed. Service pipes, valves, siphons, stub connections etc. are not shown but their presence should be anticipated. Your attention is drawn to the information and disclaimer on these plans. The information included on the plan is only valid for 28 days.**

On the mains record you may see the low/medium/intermediate pressure gas main near your site. There should be no mechanical excavations taking place above or within 0.5m of a low/medium pressure system or above or within 3.0m of an intermediate pressure system. You should, where required confirm the position using hand dug trial holes.

A colour copy of these plans and the gas safety advice booklet enclosed should be passed to the senior person on site in order to prevent damage to our plant and potential direct or consequential costs to your organisation.

Safe digging practices in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services" must be used to verify and establish the actual position of the 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 relevant people (direct labour or contractors) working for you on or near gas pipes.

It must be stressed that both direct and consequential damage to gas plant can be dangerous for your employees and the general public and repairs to any such damage will incur a charge to you or the organisation carrying out work on your behalf. Your works should be carried out in such a manner that we are able to gain access to our apparatus throughout the duration of your operations.

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

Yours sincerely,  
The Safety Admin Team  
**For more information, visit our Dig Safely pages on [sgn.co.uk](http://sgn.co.uk)**  
Tel: 0800 912 1722

Smell gas?  
Call 0800 111 999

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Registered in England & Wales No. 04958135  
Registered Office: St Lawrence House | Station Approach | Horley | Surrey RH6 9HJ

Authorised and regulated by the Financial Conduct Authority





# SGN

Your gas. Our network.

## Dig safely

Measures to avoid injury  
and damage to gas pipes



**The following protective and precautionary measures MUST be taken when working in the vicinity of gas mains and services.**

It is the responsibility of the property owner or company carrying out the work to make sure they've complied with the relevant legislation and Health and Safety Executive (HSE) guidance, eg HS(G)47. In practice, this means that whoever is carrying out the work MUST obtain gas mains location information and/or maps showing the indicative position of the gas network before any work takes place.

**To avoid injury to yourself, your employees, colleagues and the general public you MUST suitably mark the position of the pipes on site.**

HS(G)47 outlines best practice that should be followed to ensure you work safely:

1. Plan the work, obtain maps.
2. Detecting, identifying and marking underground services.
3. Safe excavation and safe digging practices.

In addition to the requirements under the Health and Safety At Work etc. Act 1974 to prevent injuries to employees and others (not employed), it is an offence under regulation 15 of the Pipelines Safety Regulations 1996 to cause damage to a pipeline (which includes gas mains and services as well as higher pressure pipelines) so as to give rise to a danger to persons.

**You MUST make sure that current full colour copies of our maps are issued to all relevant personnel on site and they're aware of the presence and location of our gas mains and services prior to any excavation.**

## In a gas emergency

If you cause a gas leak or suspect a main or service pipe or equipment is leaking, you **MUST** take the following emergency actions immediately:

- **Ask people to move away from the area of the gas escape.**
  - **Call 0800 111 999 immediately.**
1. **Don't attempt to repair the escape or stop the leakage.**
  2. **As gas may enter buildings, ask people in the surrounding premises to leave until it's safe for them to return.**
  3. **Stop anyone going near the immediate vicinity of the gas escape.**
  4. **Prohibit smoking and extinguish all naked flames.**
  5. **Don't use mobile phones or other ignition sources.**
  6. **Assist our representatives and other emergency services such as the police, ambulance, and fire service as requested.**

### Additional reference material

- SGN guidance for Safe Working in the Vicinity of Pipelines & Associated Installations operating >7barg. Applicable for HP only.
- HS(G)47 **Avoiding Danger from Underground Services** available from [hse.gov.uk](http://hse.gov.uk)
- NJUG **Utilities Guidance on Positioning and Colour Coding of Apparatus** available from [njug.org.uk](http://njug.org.uk)





# Making an enquiry for gas mains or services maps

Please visit our **Dig safely** pages on [sgn.co.uk](http://sgn.co.uk) for plant protection information and links to our online mapping system and other associated information and guidance.

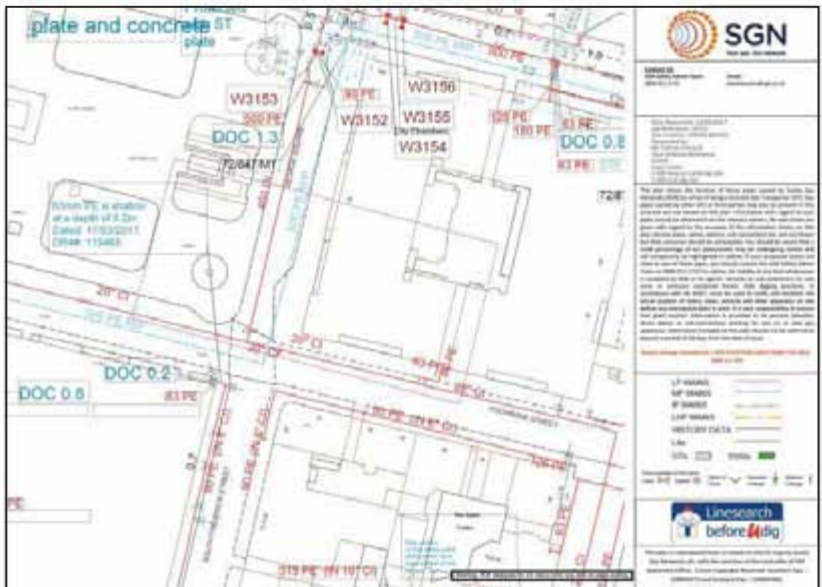
Our simple and easy to use online mapping system is available 24/7, 365 days a year.

You'll need to register/log in and provide a few details about your site location and the work you'll be carrying out. We'll respond immediately by email.

## What you're likely to be sent

You'll be sent an email with a map. This will be an extract from our gas mains record, showing your site and any of our gas pipes as well as relevant safety information.

We always send out safety information, however we may forward your enquiry on to a local plant protection officer or a pipelines engineer to make direct contact with you depending on the work location.



Example of a gas map

Note: Service pipes are not shown on our maps

# When working near our gas mains and services

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## Safe system of work

To satisfy ourselves that work in the vicinity of our gas mains is being carried out safely, we may ask for a copy of your risk assessment and/or method statement paperwork.

Where work falls under the Construction (Design and Management) Regulations 2015 reference to our gas mains and services MUST be made within your site Health and Safety file.

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## Financial

Every reasonable precaution MUST be taken to avoid personal injury or damage to our gas network at all times.

If we incur any costs to repair direct or consequential damage or divert any gas main or service, you'll be recharged in full.

## HSE

Any damage to our gas mains or services will be subject to legislative reporting responsibilities to the Health and Safety Executive under Reporting of Injuries, Diseases & Dangerous Occurrences Regulations 2013, Gas Safety Management Regulations 1996, and the Pipelines Safety Regulations 1996.

## Minimum safe working distances

Depending on the activity being undertaken and the gas mains or services you are working within the vicinity of, there are different safe distances that MUST be adhered to. SGN plant protection officers or pipeline engineers will inform you of these if required.

## Surface boxes and manholes

Do not bury or move our surface boxes. Free access MUST be maintained during and after your work. No manhole cover or other structure can be built over, around or under a gas main, and no work is to be carried out that results in a reduction or increase in cover or protection without prior written agreement.

## Deep excavations

Adequate protection, approved by us, MUST be applied for any deep excavations in the vicinity of our gas mains and services that may affect its security and integrity. Ground movement around gas mains MUST be prevented. We MUST be contacted if a sewer trench or any other water authority is to be constructed at greater than 1.5 metres depth near a buried gas main or service pipe. You MUST give us detailed drawings showing the line and width of the proposed sewer or other trench, together with the soil group classification of the area concerned.



## Crossing our mains or services

The placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over our gas mains is prohibited unless specifically agreed protective measures (ie the construction of reinforced crossing points) have been carried out. This is particularly important where reductions in side support or ground cover are planned. You **MUST NOT** carry out any work in servitudes/easements without our prior written consent.

## Exposed plant

Where excavations in the vicinity of our gas mains affect its support, the plant **MUST** be adequately supported and protected in consultation with us and to our satisfaction. It **MUST** be protected from impact, restraints and thrust blocks, and supports **MUST NOT** be removed without our agreement.

## Hot work

One of our representatives should be present when welding or other hot work involving naked flames is being carried out near our gas mains, as there's potential for heat damage to plastic pipeline/coatings.

## Backfilling

Concrete backfill should not be placed closer than 300mm to our mains. No concrete or hard material should be placed under or adjacent to any of our gas mains. Shuttering **MUST** be constructed to maintain the stated clearances and prevent fresh concrete encasing our mains or services. Material used for backfill around our gas mains **MUST** conform to the following:

- If sand, it **MUST** be well-graded in accordance with BS EN 12620:2002.
- It **MUST NOT** contain any sharp particles (stones, bricks, lumps or corrosive materials).
- Foamed concrete **MUST NOT** be used.
- It **MUST** be laid to a minimum depth of 250mm above the crown of the gas main.

Note: Power ramming **MUST NOT** take place until a 300mm hand rammed layer has been completed over the crown of the main.

## Access

Free access to our sites, mains and services, including temporary structures and spoil heaps **MUST** be available at all times.











## Mechanical excavation

Mechanical excavators (including breaker attachments) MUST NOT be used within the following distances from the confirmed location of our gas mains and services shown on our gas maps without prior agreement:

Type of mains and services	Gas map identification	Hand excavation required inside	Pipe pressure indication shown on map
Low Pressure (LP)	0 - 75mbar	0.5 metres	
Medium Pressure (MP)	75mbar to 2 bar	0.5 metres	
Intermediate Pressure (IP)	2 - 7 bar	3.0 metres	
High Pressure (HP)	Above 7 bar	You must seek approval from us prior to any work	

# Major accident hazard pipelines

## High pressure pipeline

**No work is to take place near an HP pipeline until it is agreed with us.** After agreement and before any work does take place, the location of our pipeline **MUST** be marked up and its position confirmed by digging trial holes with our personnel in attendance.



Pipeline markers

## High pressure

We will be involved in any work taking place near high pressure pipelines. We will provide you with additional information that you **MUST** familiarise yourself with before carrying out any work.

**The default method of excavating near high pressure gas pipelines MUST always be by hand.**



## Wind turbines

The UK Onshore Pipelines Operations Association (UKOPA) has identified the appropriate exclusion zone (distance from the base of the wind turbine mast to the edge of the pipeline) as 1.5 times the turbine height. Contact MUST be made with us during the planning stages of a wind turbine or wind farm.



# Tree planting

If trees or shrubs are to be planted in the vicinity of our gas mains and services, the selection of tree or shrub type and how it's planted **MUST** be considered carefully. This is to avoid root damage to buried mains or services, and to ensure our subsequent excavations for main repair and maintenance won't damage the trees or shrubs.

Written approval from us **MUST** be obtained before any tree planting is carried out on a servitude/easement. Any approval we grant to plant trees

The following trees and those of similar size (deciduous or evergreen) **MUST NOT** be planted within 6m of the centre line of the main: ash, beech, birch, most conifers, elm, maple, lime, horse chestnut, oak, and sycamore. Apple and pear trees are also included in this category.

Dwarf apple stocks may be planted up to 3m of the centre line of the main.



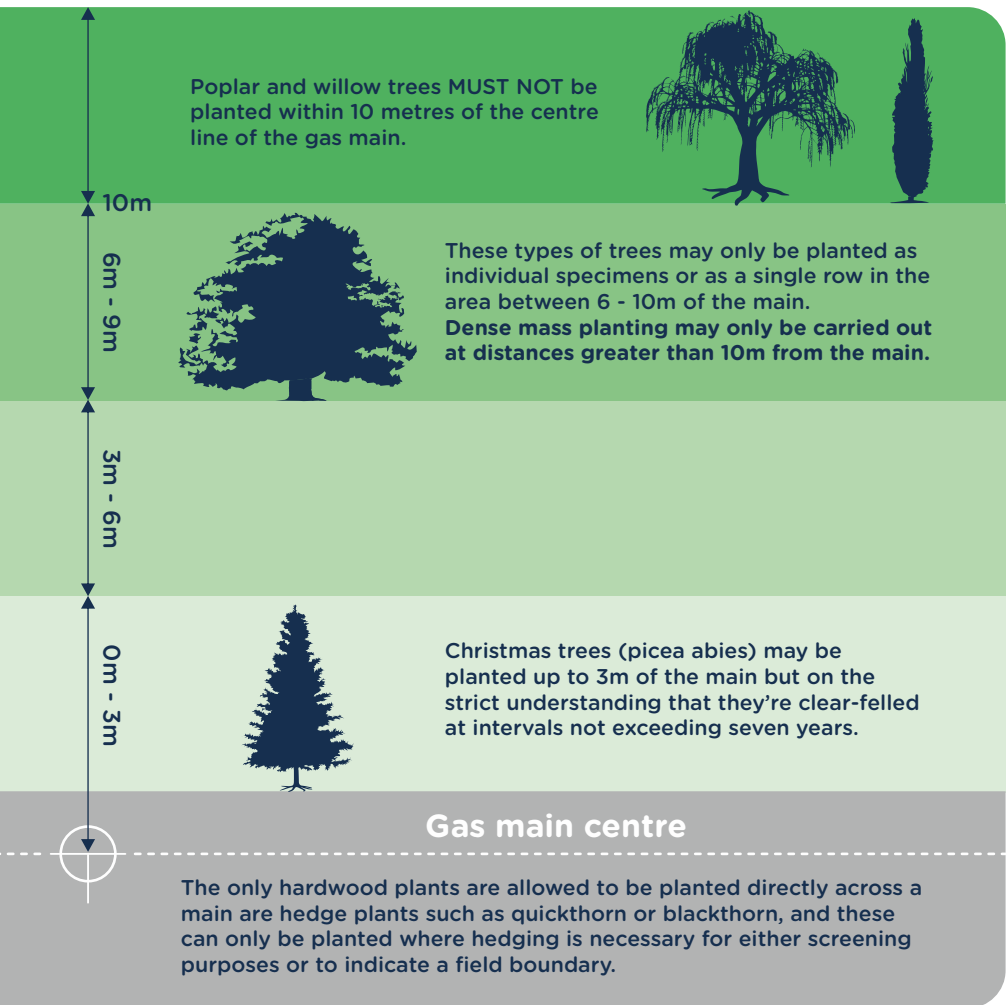
In cases where screening is required, the following are shallow rooting and may be planted close to the gas mains and services: blackthorn, broom, cotoneaster, elder, hazel, laurel, quickthorn, privet, snowberry and most ornamental shrubs.

## Gas main centre

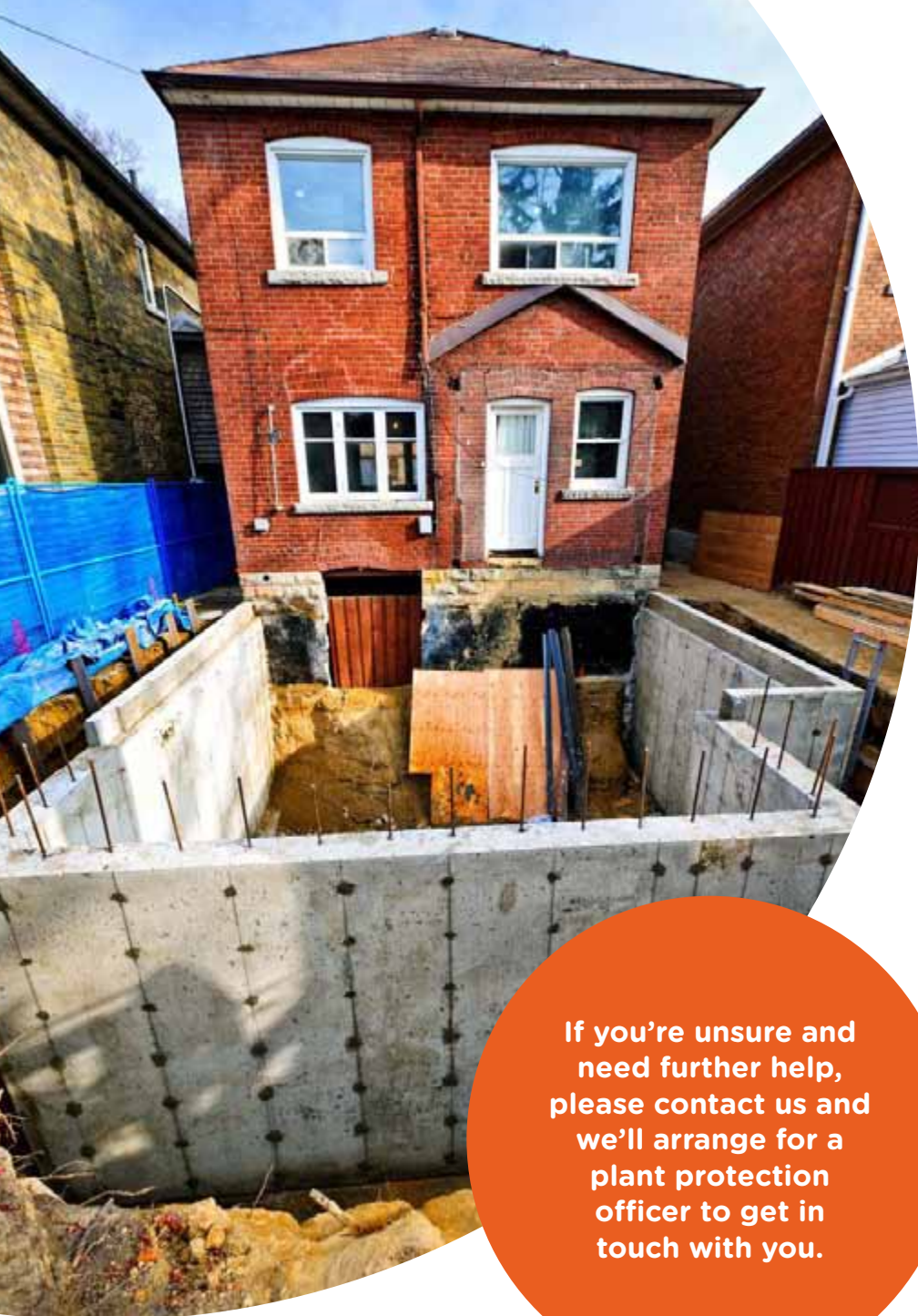
Raspberries, gooseberries and blackcurrants may be planted on the gas main, but a four metre strip, centred on the main, **MUST** be left clear at all times.

on a servitude/easement will be subject to us retaining the right to remove any tree, which in our opinion may become a danger to our mains in the future.

The written consent to plant trees will state what area may be planted and also the type of tree. The diagram details the specific species and the distances they **MUST** be planted from gas mains or services. You **MUST** contact us for further information.



Note: For further guidance, please refer to NJUG 10.



**If you're unsure and need further help, please contact us and we'll arrange for a plant protection officer to get in touch with you.**

# Gas services/work in gardens

If you're going to be carrying out work around your home, or a third party is carrying out work on your behalf, we may send you a site map of our gas mains and services but your own gas service won't be marked.

The simplest way to understand the location of your gas service is to know where it enters your house.



< Your gas service pipe usually takes the shortest route to the gas main, as shown on the sample network map/drawing.



We provide a free plant location enquiry service and we're always happy to help.



Visit our **Dig safely** pages on [sgn.co.uk](https://www.sgn.co.uk)



**0800 912 1722** \*

\*All calls are recorded and may be monitored



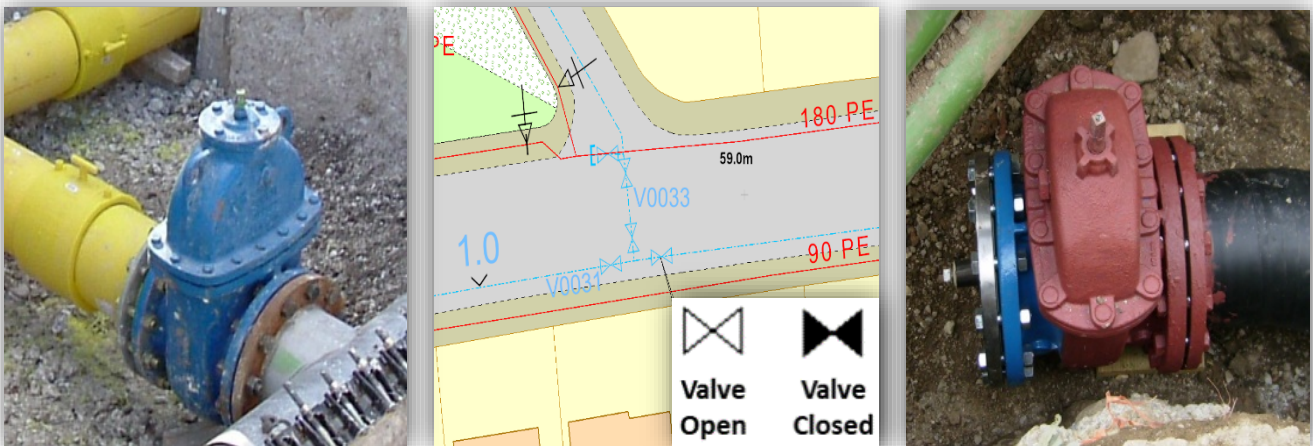
## Guidance when undertaking work near gas valves in our network areas

SGN manages the network that distributes gas to 5.8 million homes and businesses across Scotland and the south of England.

Due to a manufacturing issue, we are currently replacing or upgrading certain valve types that are at risk of bolt failure. In extreme cases, this can lead to gas escapes. This is a safety hazard and we have produced this guide to ensure you undertake adequate safety precautions when working near gas valves.

## Identifying gas valves

The images below are an illustration of typical gas valves. Please note, valves come in various colours, shapes and sizes, and you may come across a valve that looks different to those found in the images.



## What should you do?

When planning to work in our network areas, please observe the following points:

1. You must contact us before starting any work activity within **3.0m** of a gas valve identified on our maps.
2. If an unexpected gas valve is exposed you must immediately stop excavation works and report this to us.
3. To protect yourself against the risks associated with exposing a valve, we advise that you contact us when in doubt.







































## Contact details

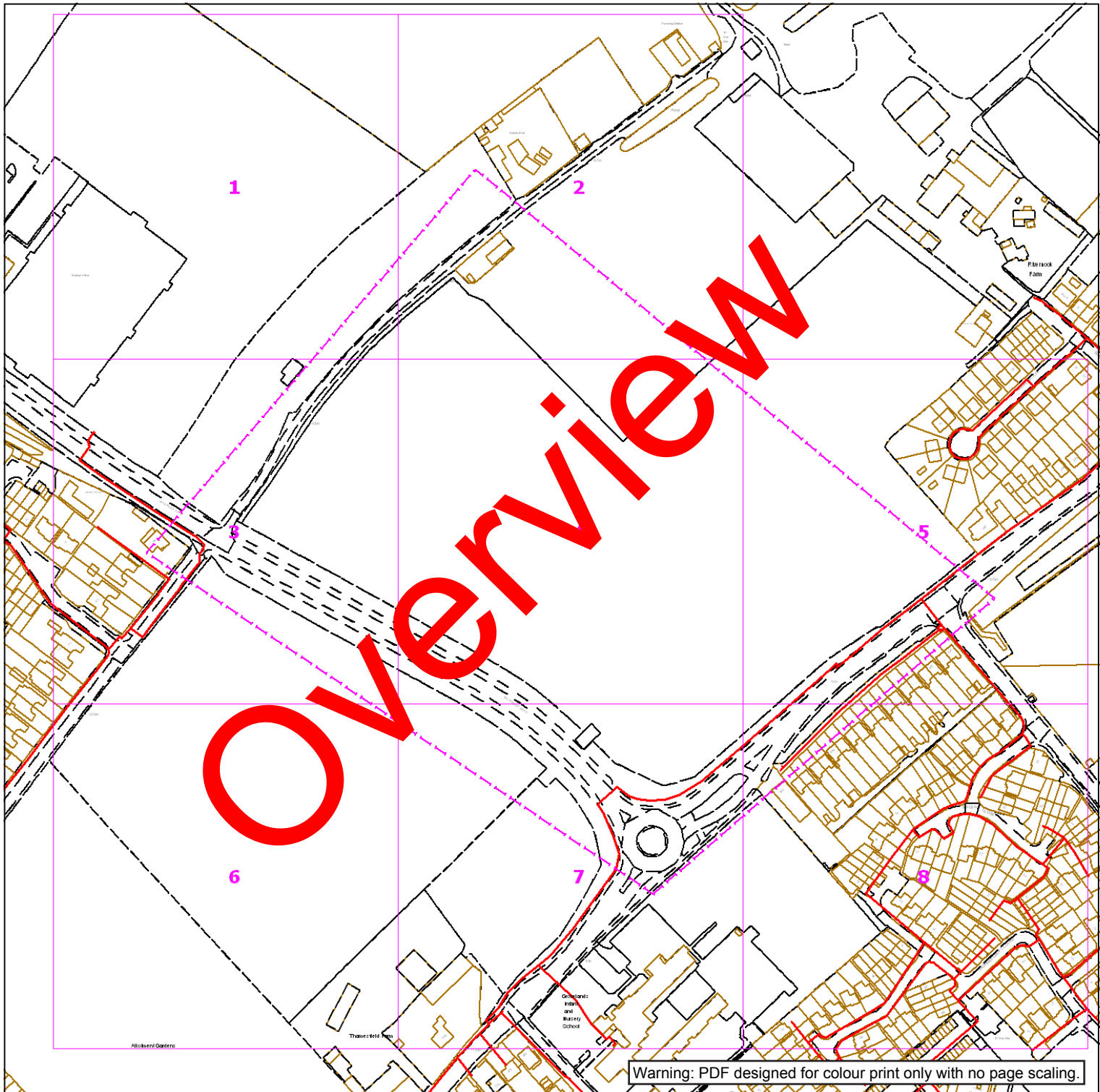
If you require further information or need assistance please contact us:

Safety Admin Team: **0800 912 1722**  
[plantlocation@sgn.co.uk](mailto:plantlocation@sgn.co.uk)

Valve enquiries will be forwarded to a local engineer who will provide further safety information.

Map Symbols

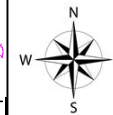
						
VALVE OPEN	VALVE CLOSED	GOVERNOR	END CLOSURE	SYPHON	REDUCER	TEE
						
TEST POINT	CATHODIC PROTECTION	GENERAL REFERENCE	FLOW MEASURE	DIP POINT	MONO ETHYLENE GLYCOL	OILING POINT
						
FLOW STOP	PRESSURE MEASUREMENT	STAND PIPE	OFFICIAL MINISTRY RECORD	PURGE POINT	GAS CONDITIONER	DRAIN POINT
						
SKETCH BUBBLE	DEPTH OF COVER	METER	MATERIAL CHANGE	LP MAINS	MP MAINS	IP MAINS
						
PIG TRAP	CROSSOVER CONNECTION	CHANGE OF DIAMETER	PIPE JOINT	LHP MAINS	HISTORY DATA	SSSI
						
				GTs	CONTACT ZONE	LTS



**Contact Us**

**SGN Safety Admin Team:**  
0800 912 1722  
**Email:**  
plantlocation@sgn.co.uk

Low Pressure Mains		Digsite:	
Medium Pressure Mains		Line:	
Intermediate Pressure Mains		Area:	
High Pressure Mains		LAS	
Some Examples Of Plant Items		GTs	
Valve		SSSIs	
Syphon		Diameter Change	
Depth of Cover		Material Change	



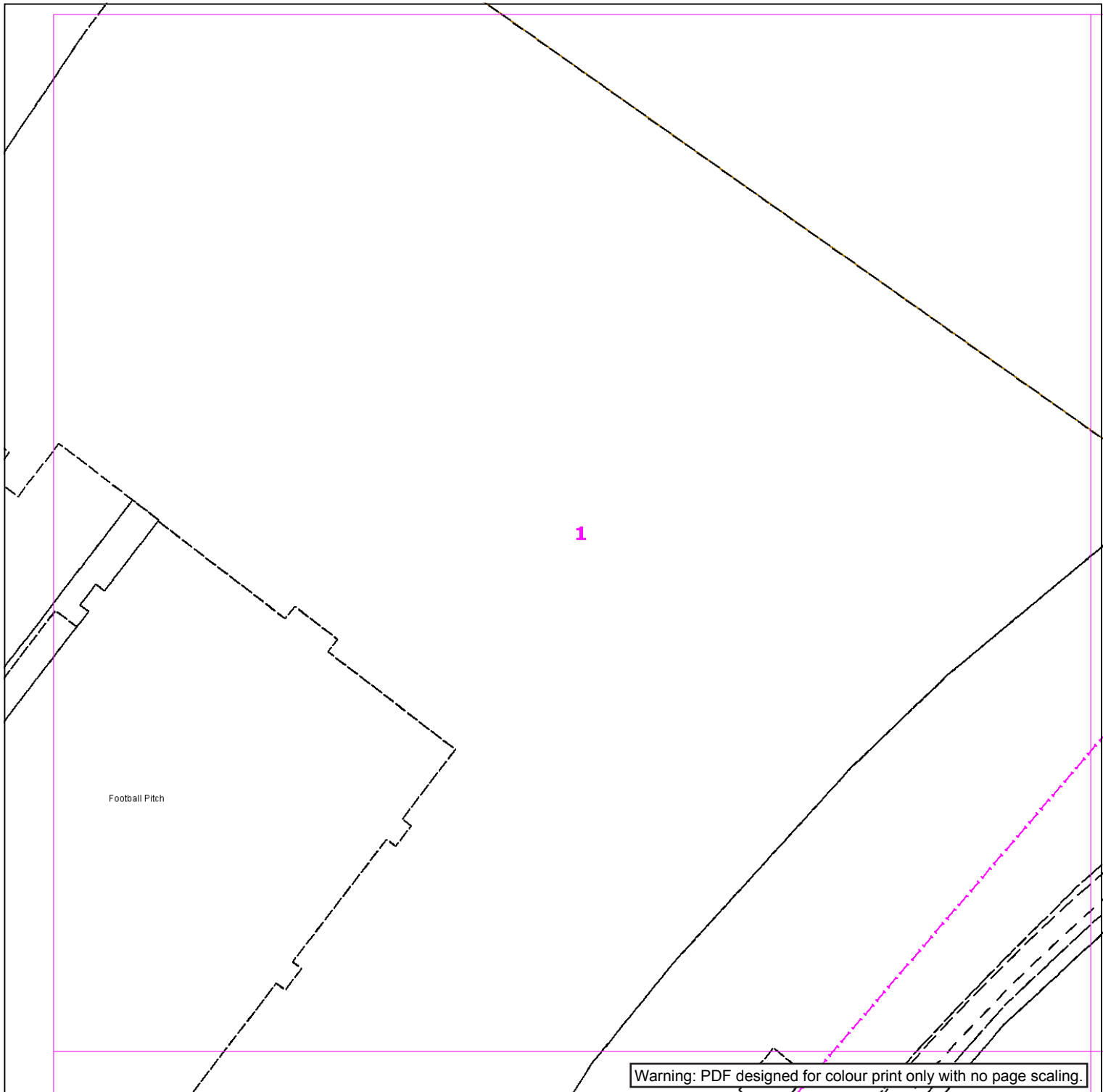
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**Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA**  
**0800 111 999**

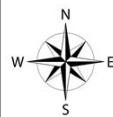
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Low Pressure Mains		Digsite:		Area:
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Some Examples Of Plant Items		Valve		Syphon
		Depth of Cover		Diameter Change
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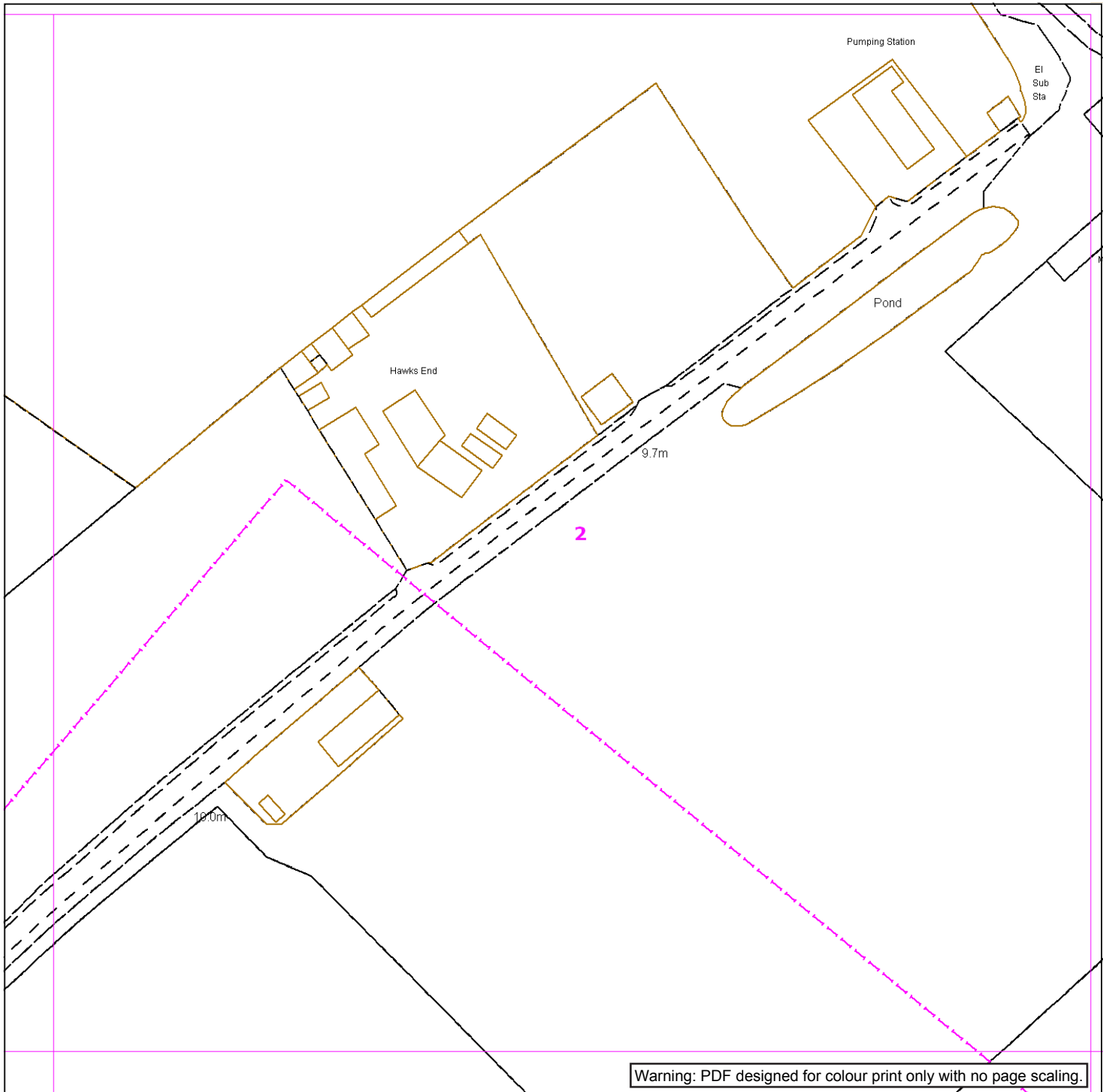


Date Requested: 27/05/2020  
Job Reference: 18486203  
Site Location: 510908 167571  
Requested by:  
Mr David Haigh  
Your Scheme/Reference:  
421267

This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. 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 plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

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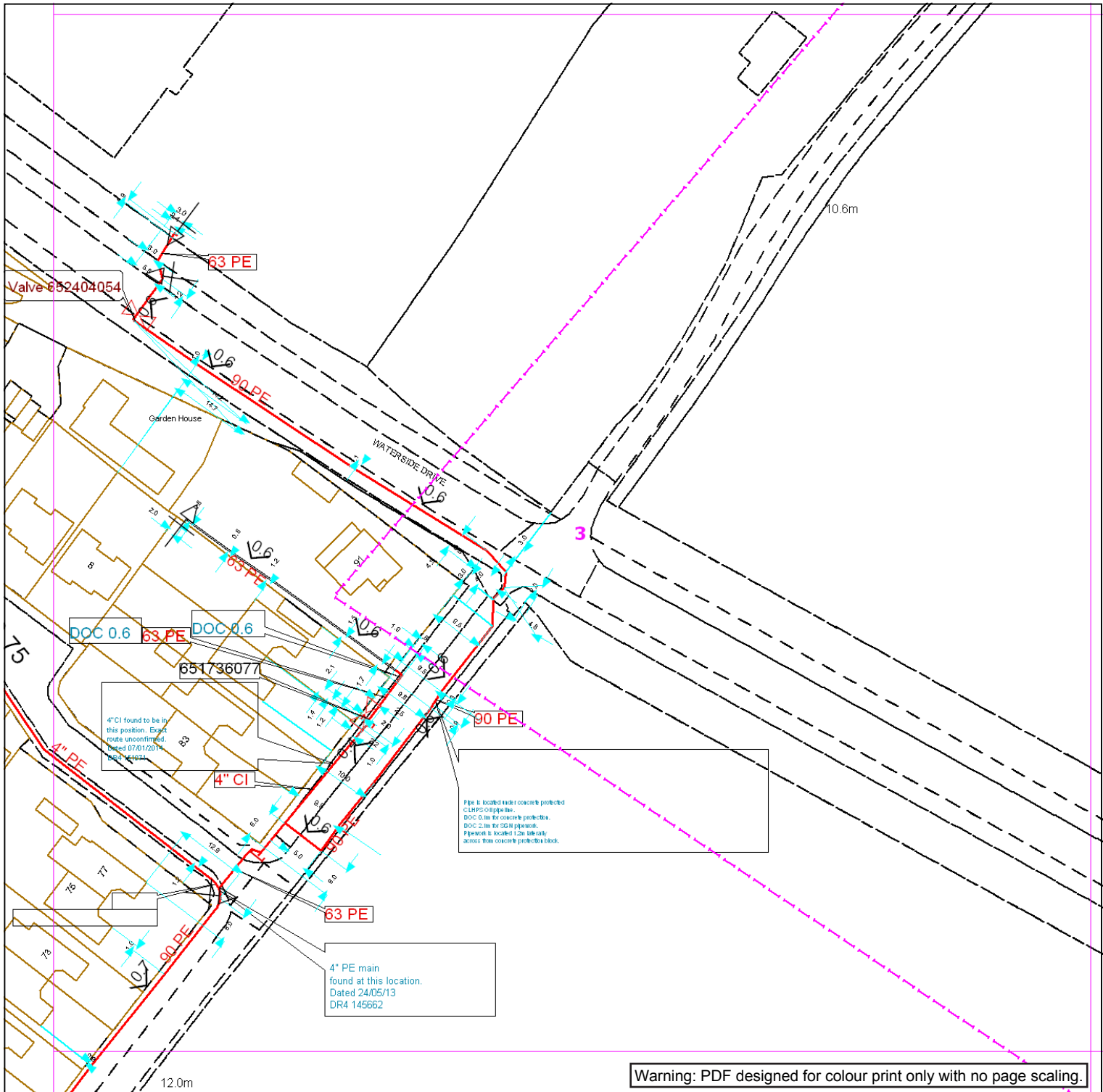
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Exact Scales:  
1:1000 Area or Circle dig site  
1:1000 Line dig site

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WALTON-GATWICK OIL PIPELINE

4

WATERSIDE DRIVE

WALTON-GATWICK

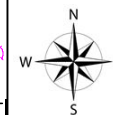
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				Material Change



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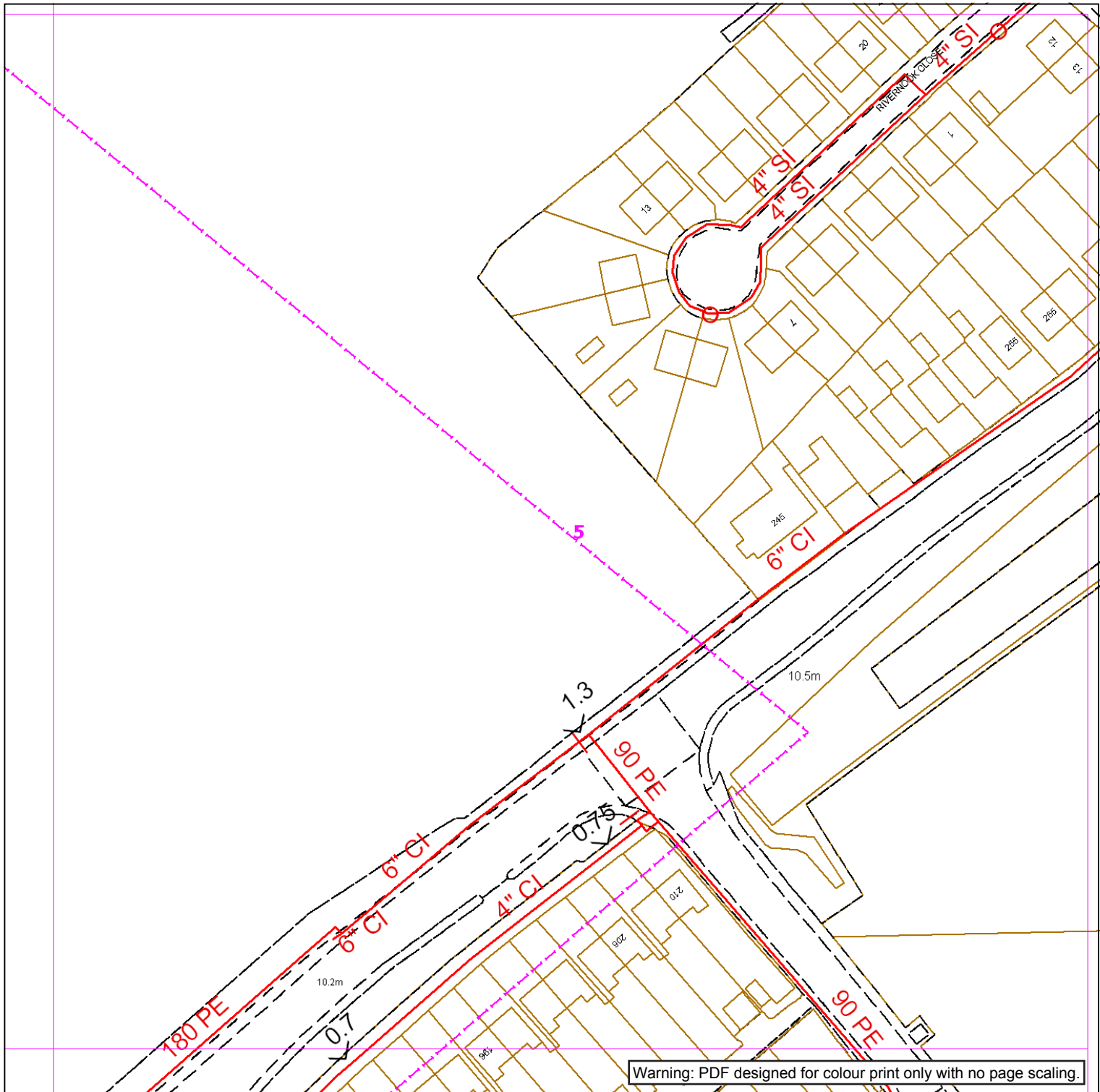
**Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA**  
**0800 111 999**

Date Requested: 27/05/2020  
Job Reference: 18486203  
Site Location: 510908 167571  
Requested by:  
Mr David Haigh  
Your Scheme/Reference:  
421267

Exact Scales:  
1:1000 Area or Circle dig site  
1:1000 Line dig site

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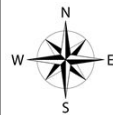
Plans generated by DigSAFE Pro (tm) software provided by LineSearchbeforeUdig



**Contact Us**

**SGN Safety Admin Team:**  
0800 912 1722  
**Email:**  
plantlocation@sgn.co.uk

Low Pressure Mains		Digsite:		Area:	
Medium Pressure Mains		Line:			
Intermediate Pressure Mains		LAS			
High Pressure Mains		GTs		SSSIs	
Some Examples Of Plant Items		Valve		Syphon	
		Depth of Cover		Diameter Change	
				Material Change	



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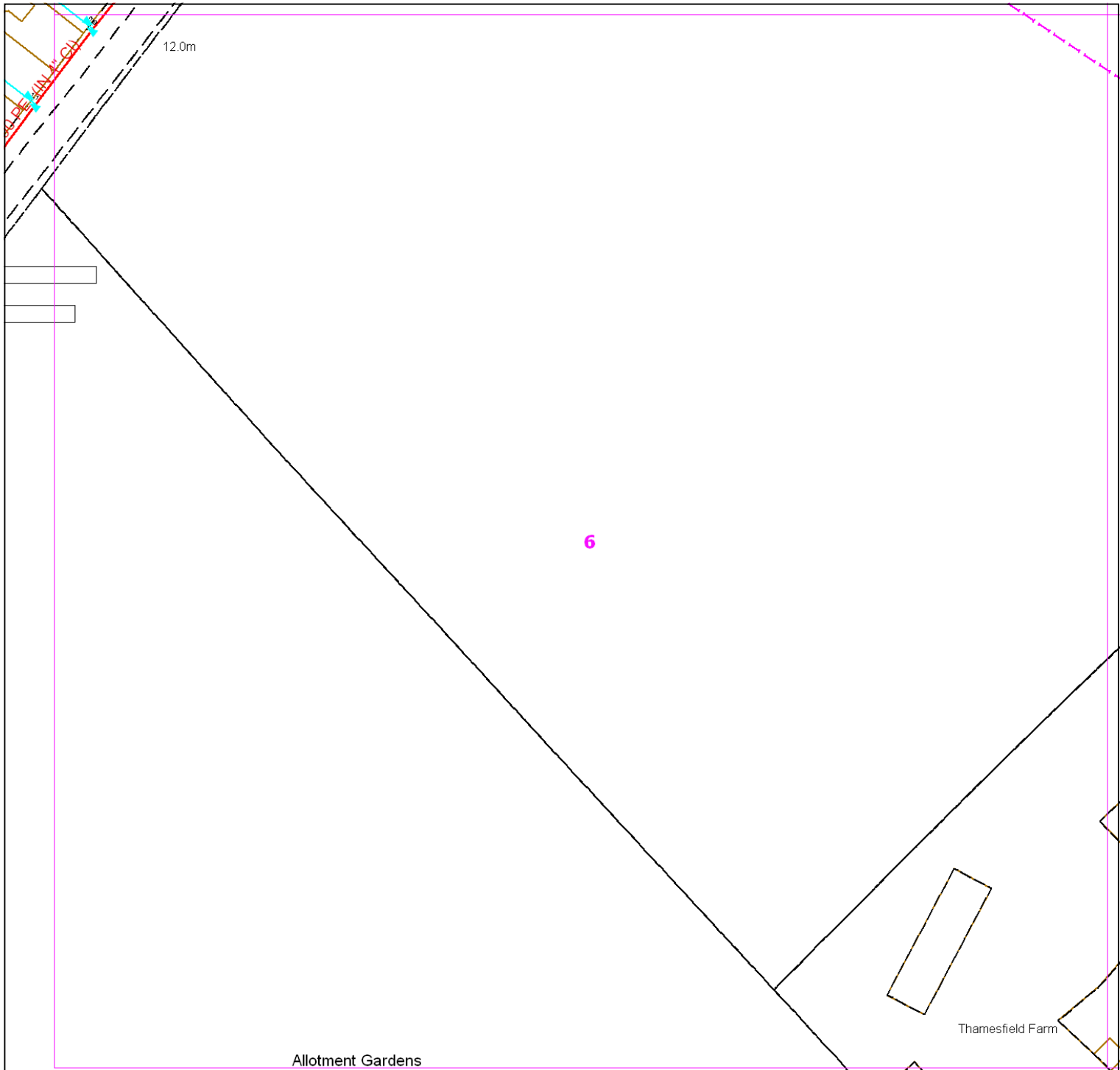
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Low Pressure Mains		Digsite:		Area:
Medium Pressure Mains		Line:		
Intermediate Pressure Mains		LAS		
High Pressure Mains		GTs		SSSIs
Some Examples Of Plant Items				
Valve		Syphon		Depth of Cover
			Diameter Change	Material Change



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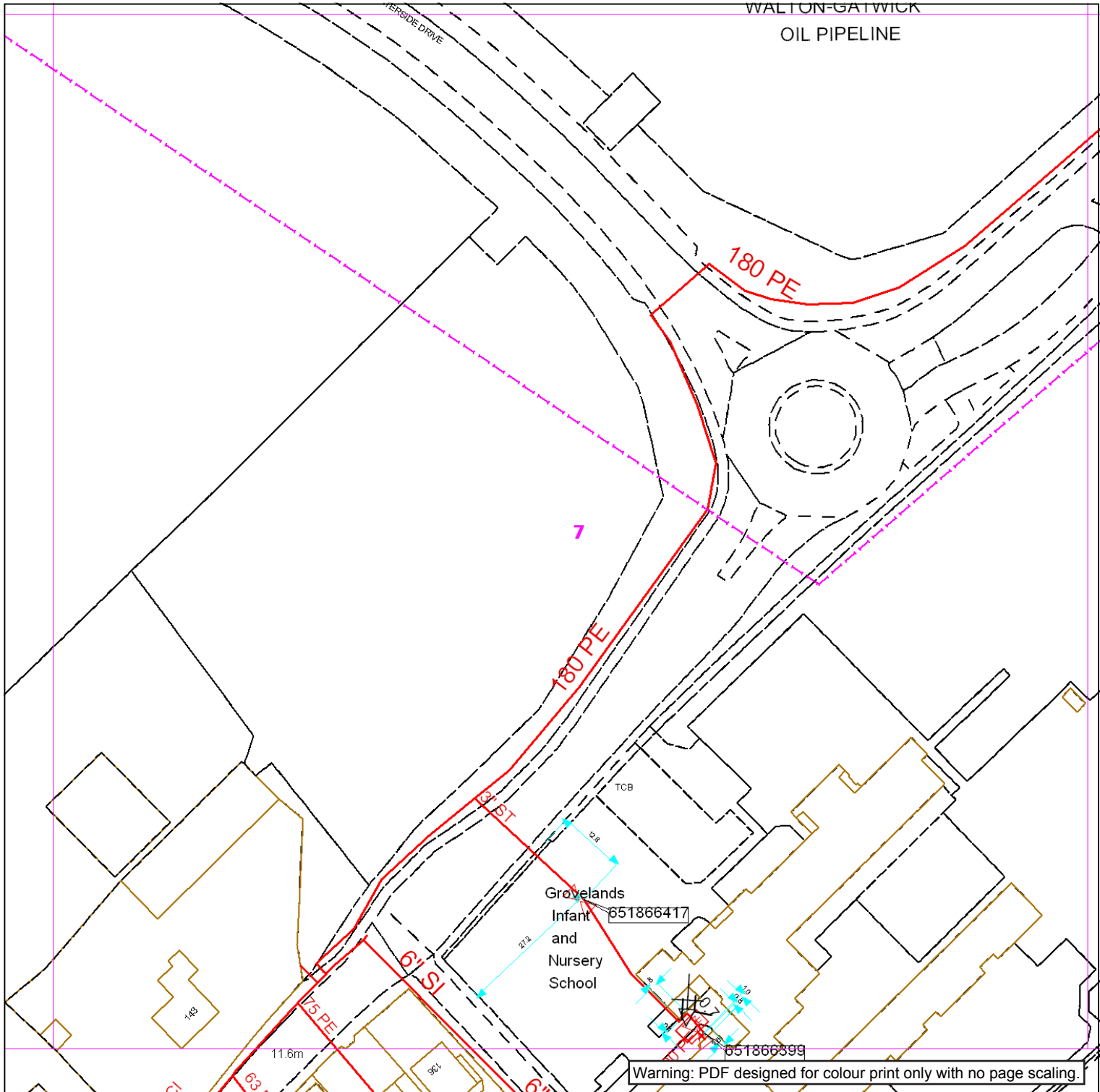
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Low Pressure Mains		Digsite:		Area:	
Medium Pressure Mains		Line:			
Intermediate Pressure Mains		LAS			
High Pressure Mains		GTs		SSSIs	
Some Examples Of Plant Items		Diameter Change		Material Change	
Valve		Depth of Cover			
Syphon					

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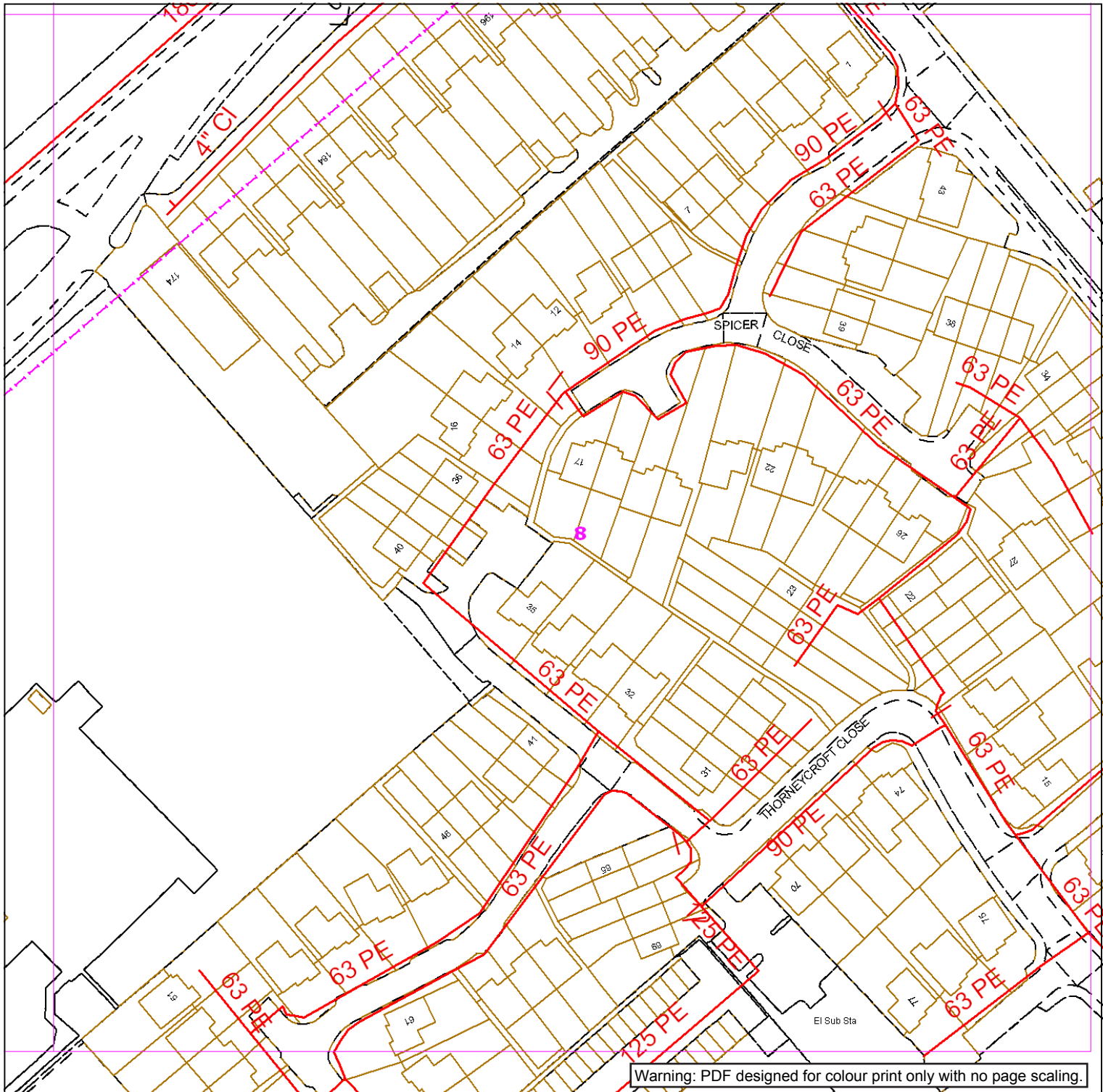
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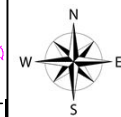
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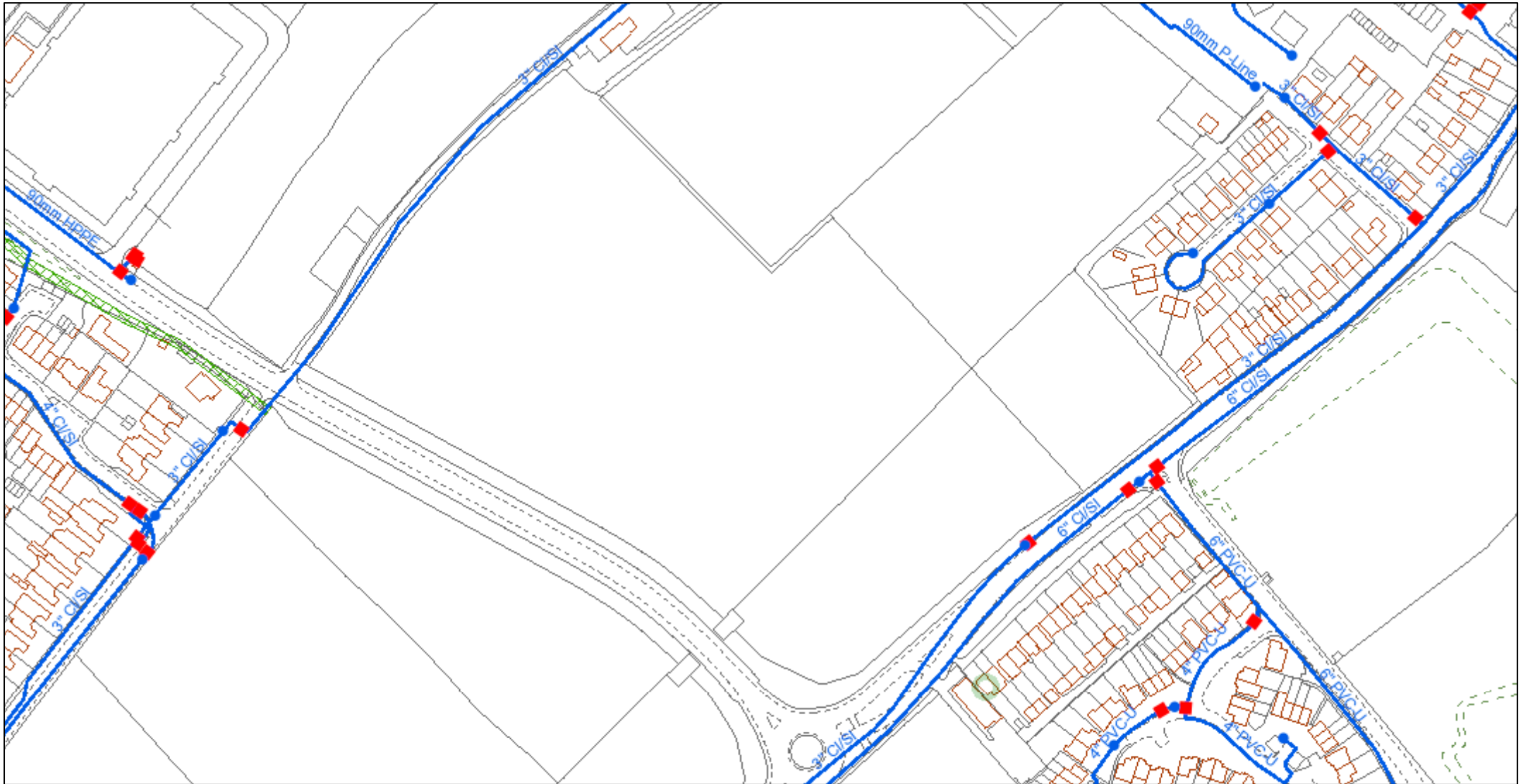


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1:2,500

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

# Asset location search



## Property Searches

Apogee  
Hall Park CourtHall Park Way  
TELFORD  
TELFORD  
TF1 3PT

**Search address supplied** 178  
Terrace Road  
Walton-On-Thames  
KT12 2ED

**Your reference** 421267

**Our reference** ALS/ALS Standard/2020\_4192531

**Search date** 29 May 2020

### Knowledge of features below the surface is essential for every development

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

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

Contact us to find out more.



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



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



0845 070 9148

**Search address supplied:** 178, Terrace Road, Walton-On-Thames, KT12 2ED

Dear Sir / Madam

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

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

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

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

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

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

## Contact Us

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

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

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

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

## Waste Water Services

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

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

TQ1167NW  
TQ1067SE  
TQ1067NE  
TQ1167SW

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.**

The following quartiles have not been printed as they contain no assets:

TQ1067NE



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:

TQ1167NW Affinity Water  
TQ1067SE Affinity Water  
TQ1167SW 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

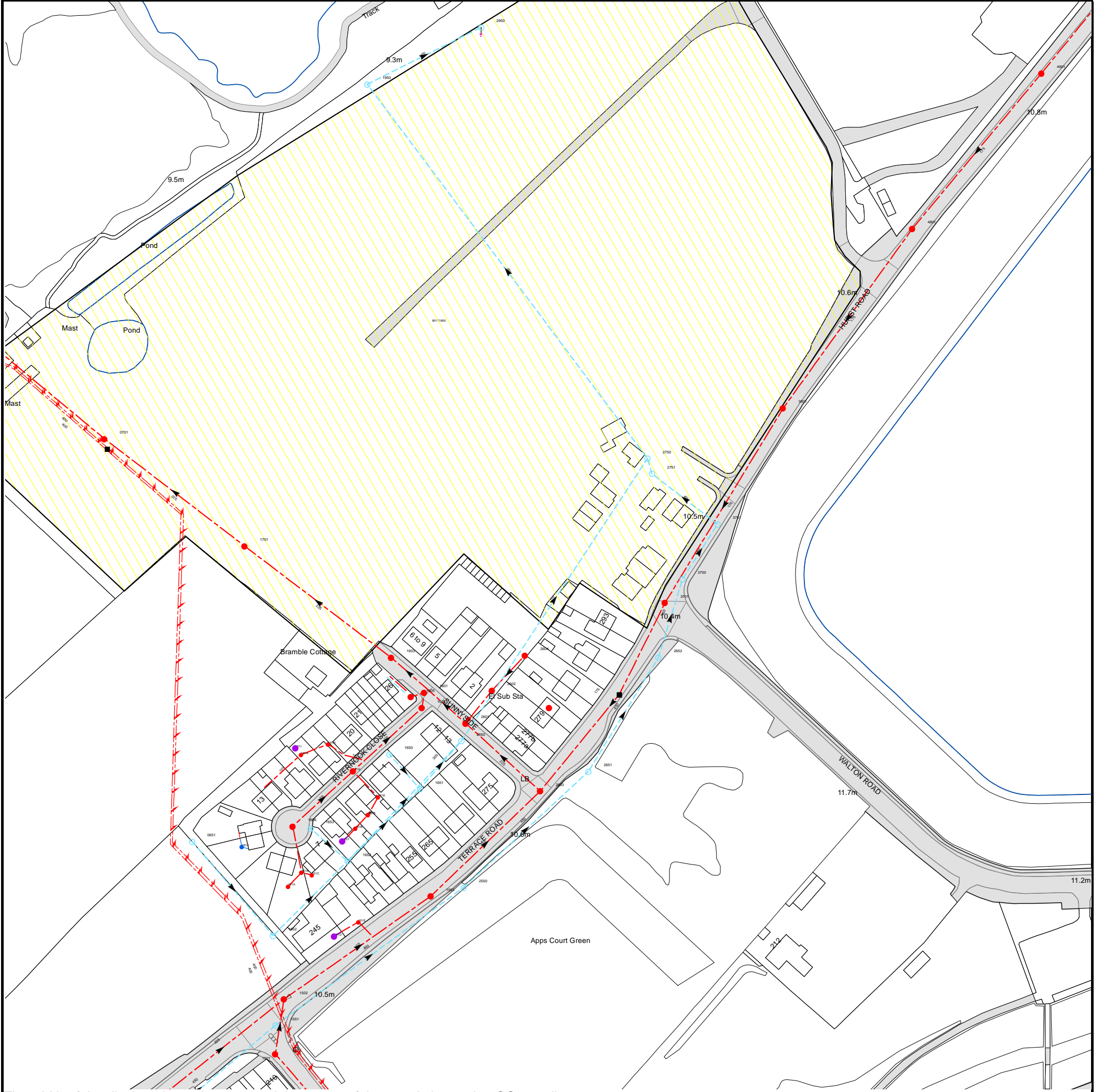
Tel: 0800 009 3921  
Email: [developer.services@thameswater.co.uk](mailto:developer.services@thameswater.co.uk)

### 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 511250,167750

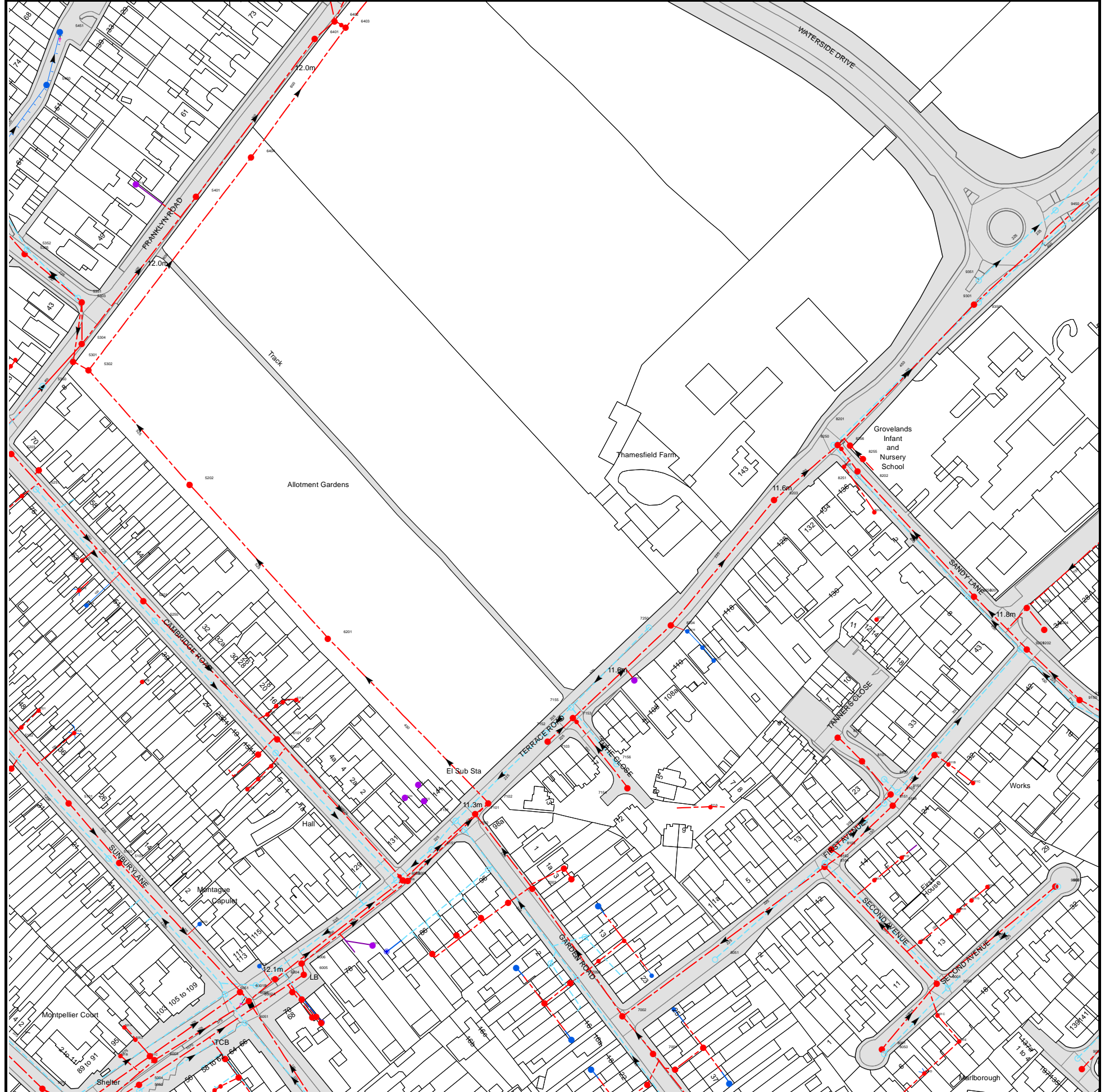
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Based on the Ordnance Survey Map with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

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

Manhole Reference	Manhole Cover Level	Manhole Invert Level
161J	n/a	n/a
151A	n/a	n/a
1606	9.29	8.01
161I	n/a	n/a
161A	n/a	n/a
151B	n/a	n/a
1653	n/a	n/a
151C	n/a	n/a
161H	n/a	n/a
161F	n/a	n/a
1652	9.65	n/a
161G	n/a	n/a
161B	n/a	n/a
161D	n/a	n/a
161C	n/a	n/a
161E	n/a	n/a
1650	9.52	8.76
1605	9.67	n/a
1651	n/a	n/a
1602	9.55	7.79
1503	10.6	5.7
2650	9.47	8.5
2550	10.89	8.82
2601	9.52	5.43
2603	10.49	5.55
26TV	n/a	n/a
2651	10.67	8.69
1501	10.35	6.99
1551	10.19	8.93
1502	10.33	5.82
151D	n/a	n/a
1552	n/a	n/a
151E	n/a	n/a
1601	9.56	7.67
2602	9.39	7.41
1603	9.98	5.27
2652	10.57	8.59
2604	9.37	7.66
3701	n/a	n/a
3750	10.52	8.54
1701	10.9	5.09
3751	10.52	8.52
2751	9.56	n/a
2750	9.54	8.41
0701	11.39	4.88
3801	10.57	6.48
4801	10.73	6.94
1950	n/a	n/a
4901	10.78	7.39
2950	n/a	n/a
0651	n/a	n/a

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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
9003	11.18	9.97
9101	11.84	9.1
6052	12.06	n/a
601B	n/a	n/a
6004	12.05	8.6
60RR	n/a	n/a
6006	12.04	6.87
60QR	n/a	n/a
6005	12.1	6.87
60RS	n/a	n/a
60QS	n/a	n/a
60QT	n/a	n/a
601A	n/a	n/a
6053	11.58	9.41
6007	11.47	7.52
6008	11.34	6.63
6151	11.4	9.49
60ST	n/a	n/a
70TT	n/a	n/a
7150	11.26	9.6
70TS	n/a	n/a
71TW	n/a	n/a
70TW	n/a	n/a
70PZ	n/a	n/a
7003	11.3	7.95
70ST	n/a	n/a
n/a	n/a	n/a
5050	11.98	9.16
50ST	n/a	n/a
50SS	n/a	n/a
5004	11.98	7.08
60QY	n/a	n/a
5003	11.88	8.36
50SW	n/a	n/a
501C	n/a	n/a
501B	n/a	n/a
5053	n/a	n/a
501A	n/a	n/a
6051	11.89	9.02
6002A	11.97	n/a
6050	12.03	n/a
5051	11.81	8.94
6001B	11.99	10.75
501D	n/a	n/a
5102	11.32	8.19
5150	11.3	8.88
5001	11.8	8.13
70PV	n/a	n/a
70SS	n/a	n/a
70QQ	n/a	n/a
7050	11.33	9.97
70ZV	n/a	n/a
7002	11.25	8.2
70PQ	n/a	n/a
70RP	n/a	n/a
7001	11.34	n/a
80TS	n/a	n/a
80TT	n/a	n/a
80TV	n/a	n/a
80TX	n/a	n/a
8001	10.9	10
8050	10.87	10.27
5305	11.34	7.88
5352	11.37	9.98
5450	10.7	9.61
5451	10.58	9.5
5351	11.77	10.35
5303	11.8	7.55
541A	n/a	n/a
5401	11.82	9.95
6404	11.54	6.02
6401	12.02	9.91
6402	11.95	8.63
6403	11.49	6.01
8203	11.63	6.85
8250	11.56	9.45
8201	11.6	6.75
821F	n/a	n/a
8256	n/a	n/a
8202	11.48	8.61
8251	11.45	9.5
8255	n/a	n/a
821E	n/a	n/a
9301	11.15	6.48
9351	11.42	10.12
9350	11.13	9.34
9450	11.11	9.75
53TT	n/a	n/a
5203	12.09	10.73
53TV	n/a	n/a

Manhole Reference	Manhole Cover Level	Manhole Invert Level
521C	n/a	n/a
5251	11.87	n/a
52TR	n/a	n/a
5350	12.01	10.65
5301	11.87	7.2
511A	n/a	n/a
521E	n/a	n/a
5304	n/a	n/a
521D	n/a	n/a
521A	n/a	n/a
5302	12.01	6.03
511B	n/a	n/a
5201	11.66	9.89
5250	11.56	10.08
5202	11.57	6.11
611E	n/a	n/a
61TV	n/a	n/a
611F	n/a	n/a
611D	n/a	n/a
611G	n/a	n/a
6150	11.11	9.76
611C	n/a	n/a
6101	11.15	9.29
611B	n/a	n/a
611A	n/a	n/a
6201	11.04	6.34
611H	n/a	n/a
611J	n/a	n/a
611I	n/a	n/a
7151	11.26	9.51
7101	11.29	7.41
7102	11.16	6.5
7152	11.37	9.66
7103	11.46	7.34
71TT	n/a	n/a
7155	n/a	9.86
70RR	n/a	n/a
7153	11.54	7.3
70QT	n/a	n/a
70QY	n/a	n/a
70RW	n/a	n/a
7156	n/a	10.08
70RX	n/a	n/a
7154	11.29	9.48
711A	n/a	n/a
7250	11.57	10.91
8204	11.5	7.09
821H	n/a	n/a
821I	n/a	n/a
811A	n/a	n/a
811C	n/a	n/a
8051	11.11	10.27
8104	10.86	8.97
8152	10.81	9.98
8103	10.77	9.32
8102	11.17	10.29
8101	11.07	10.11
801A	n/a	n/a
821D	n/a	n/a
8151	10.94	9.94
8150	11.02	10.34
9103	10.93	9.98
5101	n/a	n/a
51TW	n/a	n/a
5152	n/a	n/a
5151	n/a	n/a
9104	10.97	9.93
9151	10.98	9.9
911D	n/a	n/a
901B	n/a	n/a
901D	n/a	n/a
9102	11.11	10.55
9001	10.9	9.35
901C	n/a	n/a
9050	10.86	10.12
911B	n/a	n/a
901F	n/a	n/a
901H	n/a	n/a
901E	n/a	n/a
9250	11.63	9.67
901G	n/a	n/a
911C	n/a	n/a
9201	11.49	8.84
901A	n/a	n/a
9251	11.75	9.72
9203	11.64	9.98
9202	11.76	8.96
9204	11.72	10.31
9002	10.79	9.95
9051	10.8	10.16
9150	11.9	9.84
9052	11.16	10.29

Manhole Reference	Manhole Cover Level	Manhole Invert Level
<p>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.</p>		



The width of the displayed area is 500m and the centre of the map is located at OS coordinates 510750,167750  
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.

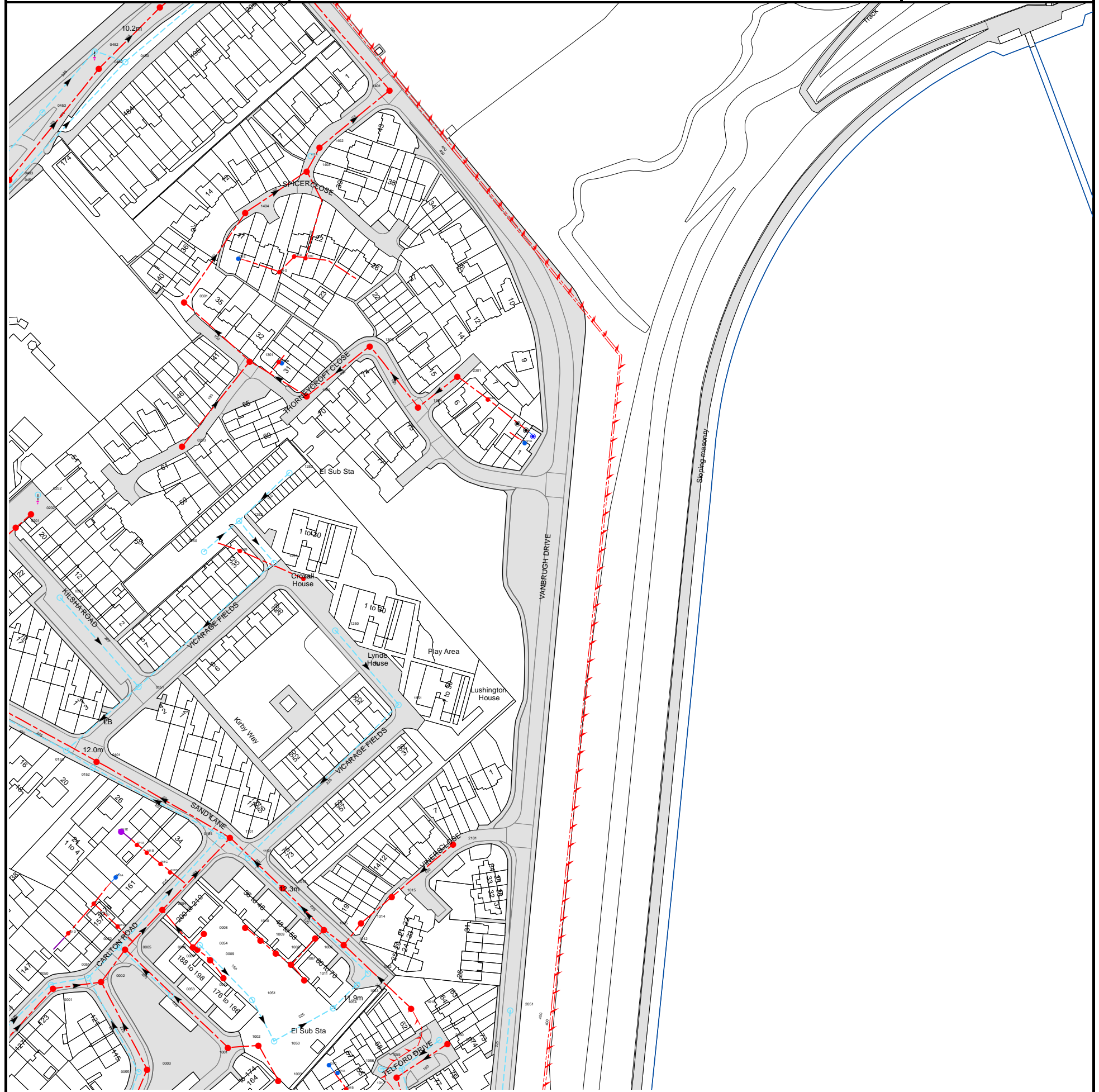
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NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

Manhole Reference	Manhole Cover Level	Manhole Invert Level
8601	10.06	5.51
8701	10.22	5.51
8702	10.3	5.35
9801	9.92	4.55
9802	n/a	n/a
9803	n/a	n/a
551C	n/a	n/a
5501	10.68	9.03
551B	n/a	n/a
5502	10.83	9.03
551A	n/a	n/a
651C	n/a	n/a
651B	n/a	n/a
6602	11.55	8.28
651A	n/a	n/a
6501	10.69	8.88
6601	11.32	8.12
6502	11.35	8.66
7501	11.44	9.43
7502	11.21	7.54
7503	11.19	5.72
7601	10.54	5.63

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 511250,167250

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.

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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
1003	11.74	10.69
1007	11.72	10.57
1011	11.72	10.69
1006	12.34	10.42
101C	n/a	n/a
1054	11.75	10.37
101A	n/a	n/a
1012	12.17	9.87
101B	n/a	n/a
1053	12.08	10.33
1052	12.01	10.16
1056	12.25	11.22
1017	12.22	10.48
1055	12.3	11.17
1016	12.3	10.08
2050	12.42	11.42
2001	12.3	10.91
2051	12.78	11.49
1251	11.84	10.38
0250	11.57	11.1
121B	n/a	n/a
1252	11.59	10.7
1253	11.58	11.08
221A	n/a	n/a
1304	12.86	11.29
231A	n/a	n/a
1302	11.91	10.35
2301	13.15	11.69
131B	n/a	n/a
131A	n/a	n/a
1301	11.95	9.52
1303	12.47	10.84
131G	n/a	n/a
131E	n/a	n/a
131C	n/a	n/a
131D	n/a	n/a
1404	12.5	8.63
1403	12.74	8.34
141A	n/a	n/a
1402	12.41	8.18
1401	12.14	7.84
0050	11.21	10.21
0001	11.19	9.89
001D	n/a	n/a
0051	11.25	10.09
0002	11.33	9.79
0052	11.21	10.05
0005	11.27	9.7
0055	11.71	10.36
0003	11.61	9.95
0053	11.52	10.52
0006	11.73	10.03
0007	11.75	10.12
0054	11.69	10.99
0008	11.67	10.41
0009	11.72	10.42
0010	11.7	10.7
1001	11.77	10.02
1051	11.73	10.86
1002	11.76	10.56
1009	11.74	10.76
1050	11.66	10.5
1008	11.72	10.64
1005	12.12	9.8
1010	11.69	10.86
001C	n/a	n/a
1014	12.28	10.06
0004	11.19	9.6
001B	n/a	n/a
1015	12.23	10.25
1013	n/a	n/a
001A	n/a	n/a
011D	n/a	n/a
011C	n/a	n/a
1152	n/a	n/a
011B	n/a	n/a
011A	n/a	n/a
2101	11.97	10.55
1101	12.08	9.5
0154	12.08	9.9
011E	n/a	n/a
0152	11.95	9.86
0101	11.9	9.28
0153	11.99	9.82
1151	11.13	10.36
0151	11.55	10.09
1250	11.53	10.54
0251	11.19	10.48
121A	n/a	n/a
0451	10.84	9.22



















Manhole Reference	Manhole Cover Level	Manhole Invert Level
0403	10.84	6.28
0201	11.52	10.62
0202	11.51	10.69
0252	n/a	n/a
0453	10.32	9.37
0452	10.26	9.06
0402	10.31	6.13
0450	10.21	9.11
0401	10.27	6.02
0203	11.45	10
0301	12.56	9.11

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# ALS Sewer Map Key

## Public Sewer Types (Operated & Maintained by Thames Water)

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





## Sewer Fittings

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

-  Air Valve
-  Dam Chase
-  Fitting
-  Meter
-  Vent Column




## Operational Controls

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

-  Control Valve
-  Drop Pipe
-  Ancillary
-  Weir





## End Items

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

-  Outfall
-  Undefined End
-  Inlet






## Other Symbols

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








-  Public/Private Pumping Station
-  Change of characteristic indicator (C.O.C.I.)
-  Invert Level
-  Summit

## Areas

Lines denoting areas of underground surveys, etc.

-  Agreement
-  Operational Site
-  Chamber
-  Tunnel
-  Conduit Bridge

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

-  Foul Sewer
-  Surface Water Sewer
-  Combined Sewer
-  Gully
-  Culverted Watercourse
-  Proposed
-  Abandoned Sewer

### Notes:

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

## Terms and Conditions

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

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

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

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

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

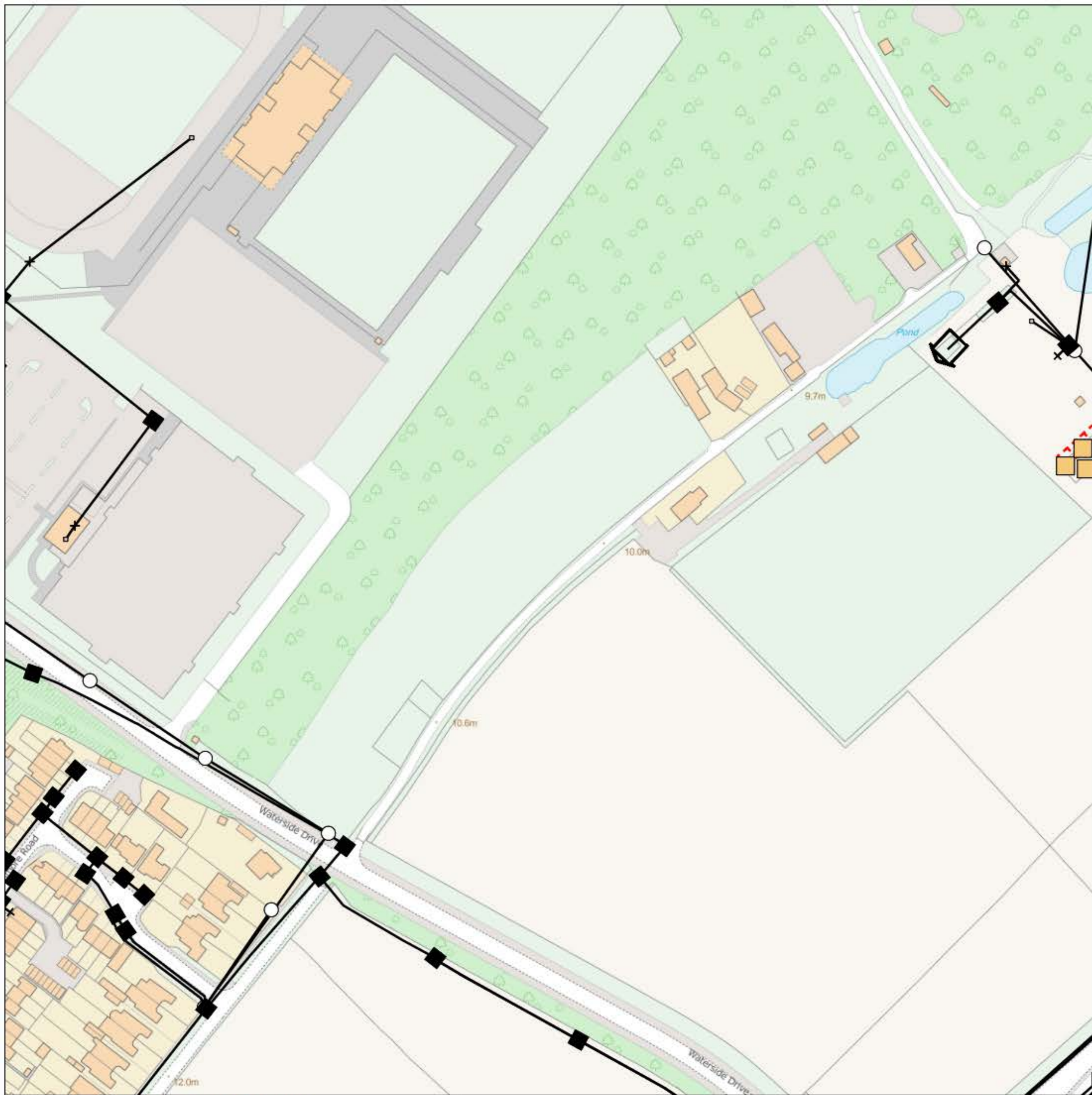
If the Goods or Services covered by this invoice falls under the regulation of the 1991 Water Industry Act, and you remain dissatisfied you can refer your complaint to Consumer Council for Water on 0121 345 1000 or write to them at Consumer Council for Water, 1st Floor, Victoria Square House, Victoria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

### Ways to pay your bill

Credit Card	BACS Payment	Telephone Banking	Cheque
<p>Call <b>0845 070 9148</b> quoting your invoice number starting CBA or ADS / OSS</p>	<p>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></p>	<p>By calling your bank and quoting: Account number <b>90478703</b> Sort code <b>60-00-01</b> and your invoice number</p>	<p>Made payable to '<b>Thames Water Utilities Ltd</b>' Write your Thames Water account number on the back. Send to: <b>Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW</b> or by DX to <b>151280 Slough 13</b></p>

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

# Maps by email Plant Information Reply



## IMPORTANT WARNING

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



**openreach**

### CLICK BEFORE YOU DIG

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

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

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

### Accidents happen

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

## KEY TO BT SYMBOLS

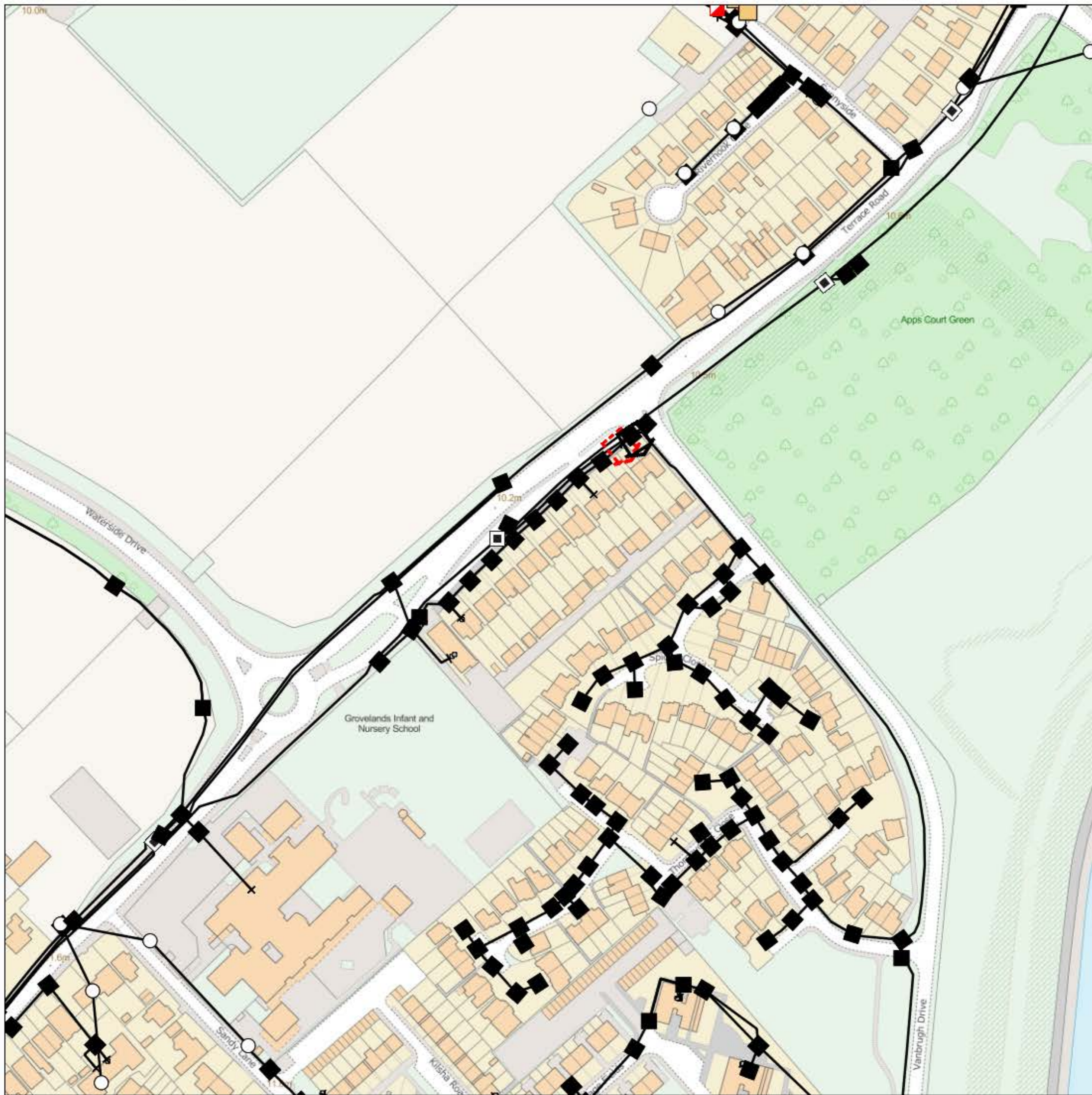
	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	×	Built	
Pole			Duct Tee	▲	Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information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

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BT Ref : PVO02395A  
Map Reference : (centre) TQ1080367710  
Easting/Northing : (centre) 510803,167710  
Issued : 28/05/2020 14:39:21

**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)**

# Maps by email Plant Information Reply



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	Planned	Live	Change Of State	+	Hatchings	
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	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : XGT02118G

Map Reference : (centre) TQ1107967462

Easting/Northing : (centre) 511079,167462

Issued : 28/05/2020 14:11:36

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### Enquirer

Name	Mr David Haigh	Phone	01952 686570
Company	Apogee Property & Utility Consultants	Mobile	Not Supplied
Address	Blount House Hall Court Hall Park Way Telford Shropshire TF3 4NQ		
Email	david.haigh@apogeeutilityconsultants.co.uk		

### Enquiry Details

Scheme/Reference	421267		
Enquiry type	Initial Enquiry	Work category	Utility Works
Start date	03/06/2020	Work type	Single excavation site
End date	04/06/2020	Site size	98022 metres square
Searched location	KT12 2ED	Work type buffer*	25 metres
Confirmed location	510870 167670		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works	Not Supplied		

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



## Asset Owners

**Terms and Conditions.** Please note that this enquiry is subject always to our standard terms and conditions available at [www.linesearchbeforeudig.co.uk](http://www.linesearchbeforeudig.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.

**Notes.** Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.

**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 of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineSearchbeforeUdig 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.

**Asset Owners & Responses.** Please note the enquiry results include the following:

1. "LSBUD Members" who are asset owners who have registered their assets on the LSBUD service.
2. "Non LSBUD Members" are asset owners who have not registered their assets on the LSBUD service but LSBUD is aware of their existence. Please note that there could be other asset owners within your search area.

Below are three lists of asset owners:

1. **LSBUD Members who have assets registered within your search area. ("Affected")**
  - a. **These LSBUD Members will either:**
    - i. **Ask for further information ("Email Additional Info" noted in status).** The additional information includes: Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.
    - ii. **Respond directly to you ("Await Response").** In this response they may either send plans directly to you or ask for further information before being able to do so, particularly if any payments or authorisations are required.
2. **LSBUD Members who do not have assets registered within your search area. ("Not Affected")**
3. **Non LSBUD Members who may have assets within your search area.** Please note that this list is not exhaustive and all details are provided as a guide only. It is your responsibility to identify and consult with all asset owners before proceeding.

**National Grid.** Please note that the LSBUD service only contains information on National Grid's Gas above 7 bar asset, all National Grid Electricity Transmission assets and National Grid's Gas Distribution Limited above 2 bar asset.

For National Grid Gas Distribution Ltd below 2 bar asset information please go to [www.beforeyoudig.nationalgrid.com](http://www.beforeyoudig.nationalgrid.com)

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

### List of affected LSBUD members

Asset Owner	Phone/Email	Emergency Only	Status
BPA	01442218911 lands@bpa.co.uk	0182763708	Email Additional Info
CLH Pipeline System Ltd	08450701245 CLHPipelinesystem@fishergerman.co.uk	01189712021	Email Additional Info
SGN	08009121722	0800111999	Await response
UK Power Networks	08000565866	08000565866	Await response

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

### List of not affected LSBUD members

AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
BP Exploration Operating Company Limited	Carrington Gas Pipeline	CATS Pipeline c/o Wood Group PSN
Cemex	Centrica Storage Ltd	Chrysaor Production (UK) Limited
CNG Services Ltd	Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd
Diamond Transmission Corporation	DIO (MOD Abandoned Pipelines)	Drax Group
E.ON UK CHP Limited	EirGrid	Electricity North West Limited
ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited	EP Langage Limited
ESP Utilities Group	ESSAR	Esso Petroleum Company Limited
Fulcrum Pipelines Limited	Gamma	Gateshead Energy Company
Gigaclear Ltd	Gtt	Heathrow Airport LTD
Humbly Grove Energy	IGas Energy	INEOS FPS Pipelines
INEOS Manufacturing (Scotland and TSEP)	INOVYN Enterprises Limited	Intergen (Coryton Energy or Spalding Energy)
Jurassic Fibre Ltd	Mainline Pipelines Limited	Manchester Jetline Limited
Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited
Murphy Utility Assets	National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	Northumbrian Water Group
NPower CHP Pipelines	Oikos Storage Limited	Ørsted
Perenco UK Limited (Purbeck Southampton Pipeline)	Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos
Phillips 66	Portsmouth Water	Premier Transmission Ltd (SNIP)
Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)
SABIC UK Petrochemicals	Scottish and Southern Electricity Networks	Scottish Power Generation
Seabank Power Ltd	SES Water	Shell
Shell NOP	SSE (Peterhead Power Station)	SSE Enterprise Telecoms
SSE Utility Solutions Limited	Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)
Total Finaline Pipelines	Transmission Capital	Uniper UK Ltd

Vattenfall

Veolia ES SELCHP Limited

Veolia ES Sheffield Ltd

Wales and West Utilities

West of Duddon Sands Transmission Ltd

Western Power Distribution

Westminster City Council

Zayo Group UK Ltd c/o JSM Group Ltd

**From:** [Lands](#)  
**To:** [Jeremy Haigh](#)  
**Cc:** [Danny Cameron](#); [Adam Canning](#)  
**Subject:** FW: URGENT C2 Enquiry Request 421267 Heathside School - LSBUD 18486203 2020/0875  
**Date:** 27 May 2020 18:25:00  
**Attachments:** [image002.png](#)  
[Heathside School site area.docx](#)  
[LETTER 0875.pdf](#)  
[MAP 0875.pdf](#)  
**Importance:** High

---

Dear Sirs/Madam

BPA Pipeline

WORKS IN ZONE OF INTEREST.

Your proposed works are in close proximity to a pipeline system operated by BPA. Please find attached our GIS map and Pipeline Crossing Letter. Before any work (including hand trial holes) starts on site you must consult with BPA.

Call **Nicki Farenden on 07766 781 297** to arrange a free site meeting with one of our technicians.

Please quote BPA Reference number 2020/0875 in all correspondence.

Yours faithfully

BPA  
[lands@bpa.co.uk](mailto:lands@bpa.co.uk)

---

**From:** Jeremy Haigh [mailto:[jeremy.haigh@apogeepropertyandutilityconsultants.com](mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com)]  
**Sent:** 27 May 2020 18:12  
**To:** Lands <[Lands@BPA.CO.UK](mailto:Lands@BPA.CO.UK)>  
**Subject:** URGENT C2 Enquiry Request 421267 Heathside School - LSBUD 18486203

**CAUTION:** This email originated from outside of the organisation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary Works)' My client is considering a scheme involving major highway works as detailed below:

Scheme Number: 421267  
Location of Works: Terrace Road  
Postcode: KT12 2ED  
O.S. Grid Ref.: 510943, 167501  
Road No / Street Name: Terrace Road  
From: Waterside Drive

Date: 27 May 2020  
JEREMY HAIGH  
APOGEE PROPERTY

BPA ref: 2020/0875  
Your ref: 421267  
Page 1/1

Dear JEREMY HAIGH

**Linesearch ref:** 18486203      **Location:** HEATHSIDE SCHOOL  
**Work:** UTILITY WORKS

Thank you for your enquiry regarding the work at the above location.

Your proposed works are in close proximity to a pipeline system operated by BPA. Please find attached our GIS map. Before any work (including hand trial holes) starts on site you must consult with BPA. Call **Nicki Farenden on 01442 218911** to arrange a free site meeting with one of our Technicians.

**Your safety is paramount to BPA. In order to protect you from potential injury or death we ask that this safety information is passed to the person that will be carrying out the work.**

BPA regularly monitor the pipelines and we ask that the following procedures are observed:

- Before any work (including hand trial holes) starts in the vicinity, a BPA Technician **must** locate and mark the pipeline on site.
- All works within 6m of the pipeline require prior approval by BPA and a BPA Technician **must** supervise all works within 6m of the pipeline. The technician will determine whether a written method statement is necessary before any works proceed.
- BPA require a minimum of 7 days' notice to arrange supervision (under normal circumstances).
- Heavy vehicle crossing points to be approved before use across the easement.
- Any works involving the exposure of the pipeline/s requires a continuous site presence until backfilled (this may mean a security arrangement out of hours).
- BPA may require proof of liability insurance depending on the proposed works.
- Utility crossings may require a formal crossing consent

When planning works which involve crossing or working within the wayleave of the pipeline, the following may also be requested before works can start: a detailed description of the proposed works, a plan of work area, drawings and a method statement for the written approval of BPA.

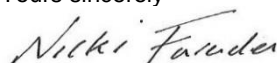
For more information about working in close proximity to pipelines please visit <http://www.linewatch.co.uk/downloads.php>.

Please quote reference number: **2020/0875** when communicating with BPA.

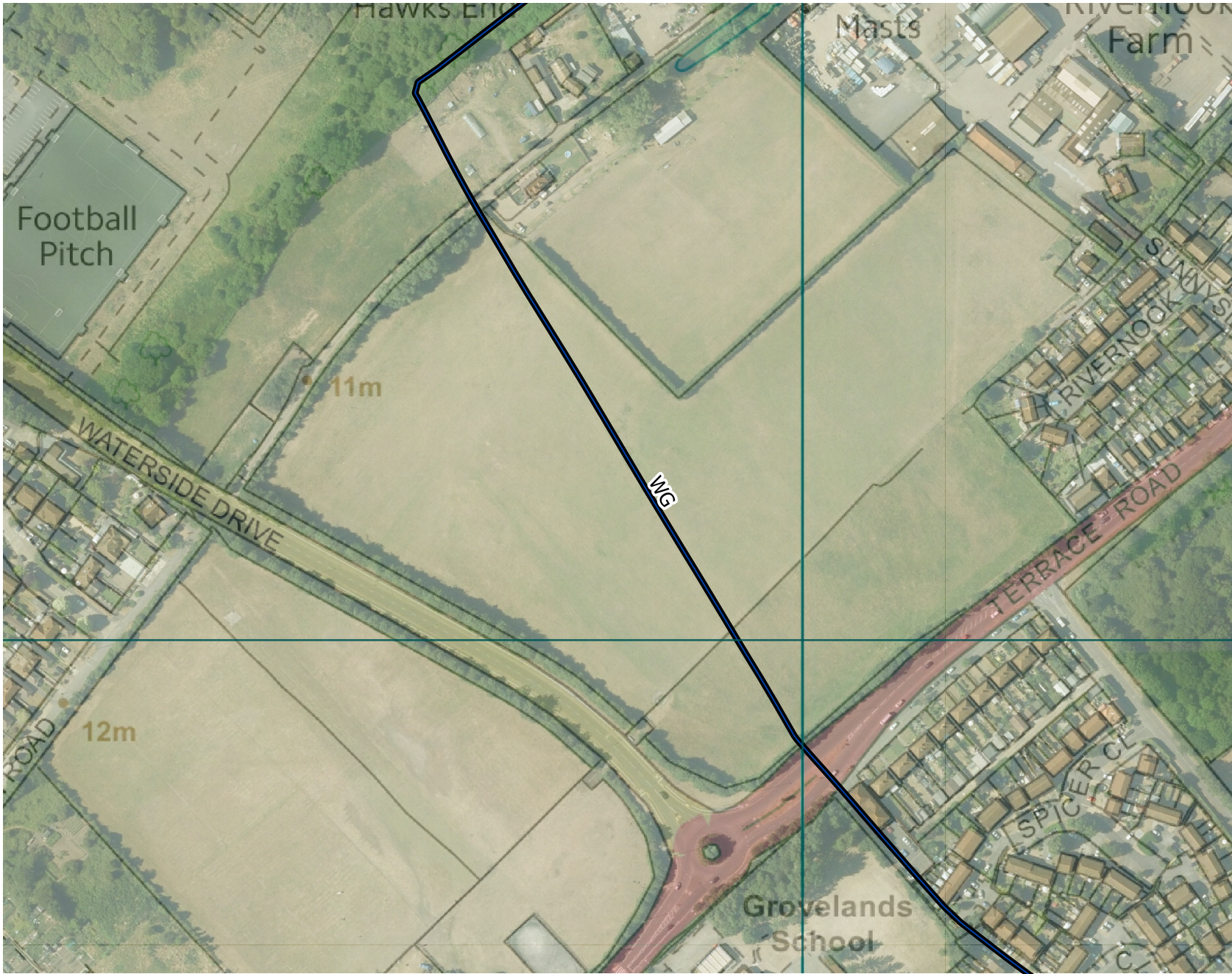
BPA Technician	Pipeline Area	Enquiry Ref.
Danny Cameron	South	2020/0875

Thank you for your co-operation.

Yours sincerely



Nicki Farenden  
BPA Lands Administrator  
01442 218 911



Reproduced from Ordnance Survey Maps with the permission of the controller of Her Majesty's Stationery Office.

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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.

Location: HEATHSIDE SCHOOL

3rd Party Enquiry Number: 2020/0875

External Reference Number: 421267

BPA Contact Details: 01442 218911

Client: APOGEE PROPERTY

Scale: 1:2,801.259712

5-7 Alexandra Road  
Hemel Hempstead  
Herts HP2 5BS  
United Kingdom

Tel: 44(0)1442 242200  
Fax: 44(0)1442 214077  
business@bpa.co.uk  
www.bpa.co.uk



WARNING: BPA fuel pipeline. Prior approval required. Phone 0800 585 387 prior to starting work.

Our Ref: CLHLSBUD-200527-18486203 /AFF/SP/LA  
File Ref/Unique Number: TG/SU/EM/0030/201867  
Your Ref: 421267  
Date: 28-05-2020

Fisher German LLP  
CLH Pipeline System (CLH-PS)  
PO Box 7273  
Ashby de la Zouch  
LE65 2BY

0845 0701245  
CLHpipelinesystem@fishergerman.co.uk  
[fishergerman.co.uk](http://fishergerman.co.uk)

For the attention of Mr David Haigh  
Apogee Property & Utility Consultants  
Blount House  
Hall Court Hall Park Way  
Telford  
Shropshire, TF3 4NQ

Dear Sirs/Madam

### CLH Pipeline System (CLH-PS) Ltd ('CLH-PS') – Affected Response

Thank you for your enquiry dated 27-05-2020. We confirm that our client CLH-PS's apparatus will be affected by your proposals as indicated on the attached plan(s). The plan(s) supplied are intended for general guidance only and should not be relied upon for excavation or construction purposes. No guarantee is given regarding the accuracy of the information provided and in order to verify the true location of the pipeline you should contact CLH-PS to arrange a site visit. Their contact details are:

**Central Services**  
**Ashdon Road**  
**Saffron Walden**  
**Essex, CB10 2NF**

**Email:** [pipeline.admin@grupoclh.com](mailto:pipeline.admin@grupoclh.com)  
**Tel:** **01799 564101**

When contacting CLH-PS, please quote our unique reference **201867**, which is specific to this enquiry. Please note that you should contact CLH-PS within 28 days of the date of this letter in order to validate this enquiry, otherwise it will become void.

You should note that the interests of the CLH-PS are conserved by means of the Energy Act 2013, in particular Part IV of the Act, and other legislation such as the Pipeline Safety Regulations 1996. It is, however, the Energy Act 2013 that prohibits any development and most intrusive activities within the Easement Strip without specific consent from CLH-PS. CLH-PS's Easement Strips are 6 metres wide and can incorporate other associated CLH-PS facilities.

CLH-PS will be able to provide guidance on the required procedures for entering into a Works Consent and provide confirmation on permitted development and intrusive activities. The whole process of obtaining a Works Consent can take between four and six weeks depending on circumstances at the time of application.

To reiterate, you should not undertake any work or activity without first contacting CLH-PS for advice and, if required, a Works Consent. For a copy of CLH-PS's Standard Requirements for Crossing or Working in Close Proximity to CLH-PS Pipelines, please visit <https://cdn.lineearchbeforeudig.co.uk/pdfs/lbud-standard-requirement-uk-um.pdf>. This will provide you with practical information regarding the legislation that governs the CLH-PS.



You should also be aware that landowners and third parties have a duty of care not to carry out any works that have the potential to damage CLH-PS apparatus. This duty of care applies even if the works themselves are situated more than 3 metres from the pipeline. Examples of such works are mineral extraction, mining, explosives, piling and windfarms.

Please note that implementation of any unapproved work that affects the CLH-PS Easement Strip may result in serious consequences in terms of health and safety, expense and other attendant liabilities. In such cases it is the perpetrator of the act, together with any other promoting organisation, that shall be held fully accountable for any resulting damage.

Should you require any further assistance regarding this letter please contact the undersigned or alternatively, you can contact CLH-PS using the details provided above.

Yours faithfully

*Fisher German LLP*

**For and on behalf of FISHER GERMAN LLP (CLH-PS Authorised Agent)**

Enc. Location Plan

cc. CLH-PS

Fisher German, as agents acting on behalf of our client, as detailed above, will store and process your data in full compliance with our legal obligations. Our client may need to share this information with other third parties to support their operational activities. This information will not be sold or made available for marketing purposes. Further details about how your data will be used can be found on our client's website, <http://www.clh.es/section.cfm?id=0&side=213&extrapage=22&lang=en> or by contacting us by email: [dataprotection@fishergerman.co.uk](mailto:dataprotection@fishergerman.co.uk) or telephone: 01530 410813.



## **CORONAVIRUS / COVID 19**

Please note that in accordance with ongoing measures put in place to contain the spread of the Covid 19 virus in the UK, all CLH Pipeline System (CLH-PS) Ltd offices are currently closed and will remain so until at least the 1st June 2020 in line with current UK Government Guidance.

**If there is an emergency, please call 01189 712021 any time of the day.**

The aim in closing our offices is to protect our employees, and others, from any avoidable exposure and onward transmission of the virus that could result in avoidable serious illness or worse.

All office based staff are currently working from home and are contactable via the contact numbers below.

Regarding site visits by our pipeline staff, while we are attending these we are trying to limit them, wherever possible, by asking that all non essential work to be deferred until June, again this is aligned with current available Guidance.

If you do need to organise a site visit please contact us to make a request using the details provided below.

**NOTE: we will only attend a site if it is safe to do so and appropriate social distancing measures can be maintained. These will need to be agreed before attending site.**

Please contact us on [pipeline.admin@grupoclh.com](mailto:pipeline.admin@grupoclh.com)

Or

during business hours 9-5 Monday to Friday call:

**Anne Swallow (Pipeline Administrator) on 07595 820567 (in the first instance)**

**Paul Lewis (Pipeline Protection Advisor) on 07540 138353**

**Carl Sadler (Pipeline Protection Advisor) on 07827 231604**

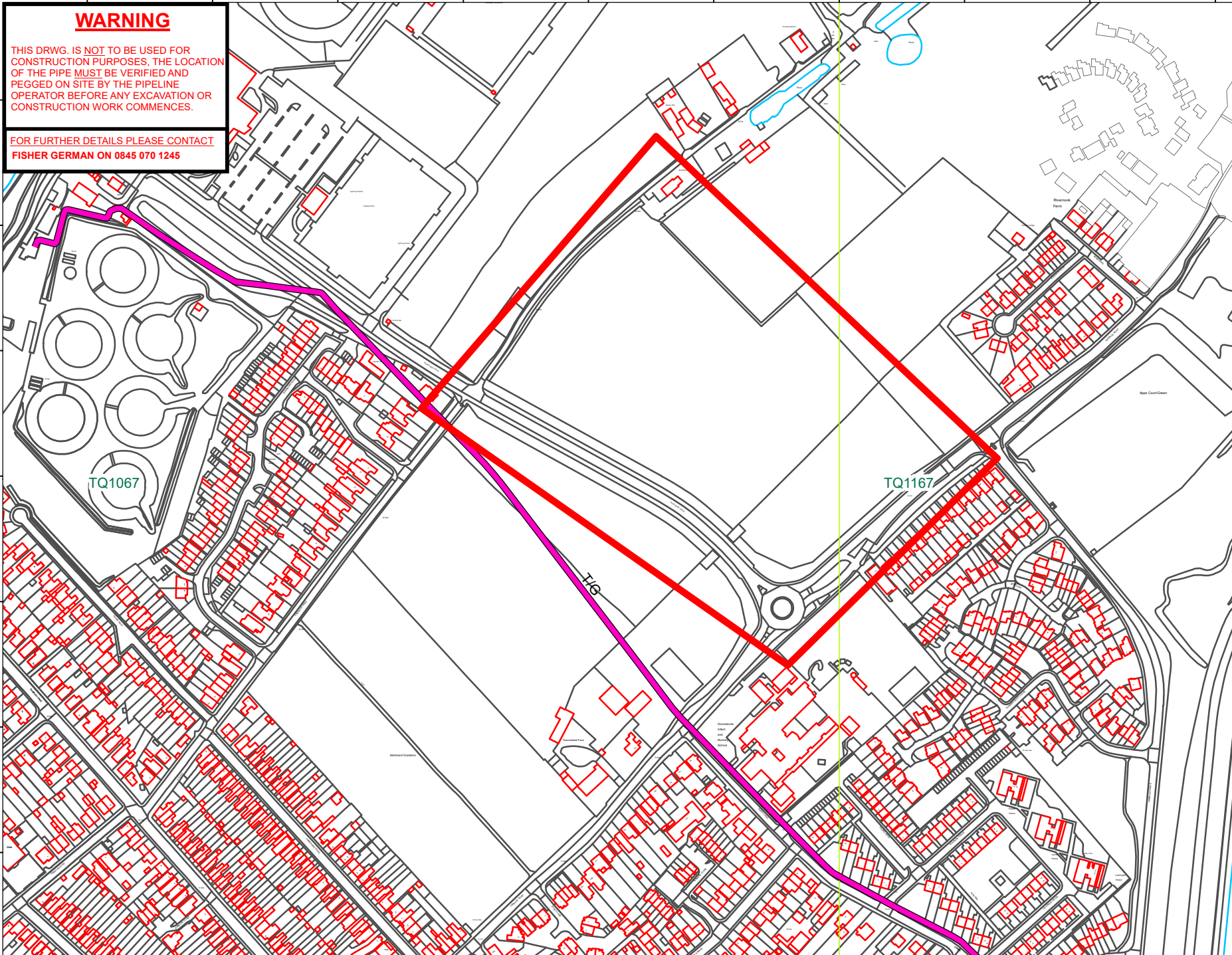
510400 510500 510600 510700 510800 510900 511000 511100 511200 511300

### WARNING

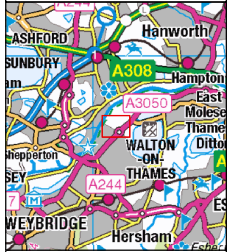
THIS DRWG. IS NOT TO BE USED FOR CONSTRUCTION PURPOSES. THE LOCATION OF THE PIPE MUST BE VERIFIED AND PEGGED ON SITE BY THE PIPELINE OPERATOR BEFORE ANY EXCAVATION OR CONSTRUCTION WORK COMMENCES.

FOR FURTHER DETAILS PLEASE CONTACT FISHER GERMAN ON 0845 070 1245

167800  
167700  
167600  
167500  
167400  
167300  
167200



#### OVERVIEW WINDOW



#### Legend

- CLH\_PS
- Cathodic Protection

Site centre coordinates:  
510.826 - 167.498

#### CLIENT:



TITLE:  
LOCATION PLAN EXTRACT  
OF PIPELINE T/G

SCALE: 1:4,000 @ A4  
DATE: 28/05/2020

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Ordnance Survey Licence Number AL10005237



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BY ANY MEANS FOR ANY PURPOSE WITHOUT  
WRITTEN PERMISSION OF FISHER GERMAN LLP  
CHARTERED SURVEYORS



The Estates Office, Norman Court  
Ashby de la Zouch,  
Leicestershire, LE65 2UZ

Telephone 0845 070 1245

DRAWING NO:  
LSBUD-200527-18486203

**URGENT C2 Enquiry Request 421267 Heathside School - LSBUD 18486203**

Jeremy Haigh <jeremy.haigh@apogeeutilityconsultants.co.uk>

Created on 28/05/2020 08:05

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) "Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary Works)"™ My client is considering a scheme involving major highway works as detailed below:

Scheme Number: 421267  
Location of Works: Terrace Road  
Postcode: KT12 2ED  
O.S. Grid Ref.: 510943, 167501  
Road No / Street Name: Terrace Road  
From: Waterside Drive  
To: Terrace Road  
Description of Works: Utility Works  
Expected Start Date: 4th June 2020  
Plans showing the area for the works are attached.

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of the proposed works, please indicate the position and depth of your apparatus in the locality of the proposed works and return the plan to this office.

Notice under The Street Works (Registers, Notices, Directions and Designations) Regulations will be sent to all Undertakers as appropriate.

Unless you notify us within 10 days setting out when you will be able to reply, it will be assumed that you are able to comply with the provision of Table 1 of Appendix C (i.e. that the information requested will be provided within 10 working days).

Should you require any further information, please contact us immediately.

Yours sincerely,

Jeremy

Jeremy Haigh

Managing Director  
Blount House  
Hall Park Court  
Hall Park Way  
Telford, TF3 4NQ  
Office +44 (0)1952 686570  
DDI: +44 (0)1952 686571  
Mobile +44 (0)7378 846685  
jeremy.haigh@apogeeutilityconsultants.co.uk  
www.apogeeutilityconsultants.co.uk

**URGENT C2 Enquiry Request 421267 Heathside School - LSBUD 18486203**

Jeremy Haigh <jeremy.haigh@apogeepropertyandutilityconsultants.com>

Created on 28/05/2020 08:05

This email and any attached files are confidential and copyright protected. If you are not the addressee, any dissemination of this communication is strictly prohibited. Unless otherwise expressly agreed in writing, nothing stated in this communication shall be legally binding.

Registered Office: Suite 2, Sigma House Hadley Park East, Telford, Shropshire, TF1 6QJ. Incorporated in England & Wales No. 11208090.

Consider the environment. Please don't print this e-mail unless you really need to.

**From:** [assetrecords@utilityassets.co.uk](mailto:assetrecords@utilityassets.co.uk)  
**To:** [Info](#)  
**Subject:** Re: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 27 May 2020 18:23:59

---

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

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

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

Asset Manager - Utility Assets Ltd

**From:** [ricky.rowe@engie.com](mailto:ricky.rowe@engie.com)  
**To:** [Jeremy Haigh](#)  
**Subject:** RE: Postcode Confirmations  
**Date:** 28 January 2020 11:51:28  
**Attachments:** [image006.png](#)

---

## 1) Location of ENGIE's Apparatus

ENGIE has buried pipework either inside or very close to the area codes listed below:

- Birmingham – B1-B9, B15-B19
- Coventry – CV1, CV2, CV3
- Eastleigh – SO50
- Hatfield – Comet Square - AL10
- Leicester – LE1-LE5
- London
  - Bloomsbury - W1 (all sub codes), WC1 (all sub codes), WC2 (all sub codes), NW1, N1C
  - Olympic Site - E3, E7, E9, E10, E11, E13, E15, E20
  - Whitehall - SW1A, SW1E, SW1H, SW1P, SW1V, SW1Y
  - ExCel Exhibition Centre - E16
  - Embassy Quarter – SW8, SW11
- Southampton – SO14, SO15, SO17
- Leeds – LS2
- Newcastle – TBC
- Edinburgh – TBC

If the location of the request for information falls within the vicinity of any of these area codes then the location they specify should be looked into in greater detail and compared with the as-built drawings of ENGIE's network. If the location is not in the vicinity of any of these cities a negative response can immediately be returned.

Also note that ENGIE oversee the operation of the CHP engines at the below sites. Whilst there is buried network at these sites, ENGIE are not responsible for their operation and maintenance. These are mentioned purely for completion of records.

- Pimlico
- Royal Borough of Kensington & Chelsea

Kind regards

*Ricky Rowe*  
Document Controller  
Urban Energy  
UK & Ireland

Kings Yard  
5 Clarnico Lane  
Queen Elizabeth Park  
London E15 2HG

[ricky.rowe@engie.com](mailto:ricky.rowe@engie.com)  
Tel. +44 (0) 208 221 6530  
Mob. +44 (0) 7814 773944

-  
ENGIE



[engie.co.uk](http://engie.co.uk)

**From:** [plantenquiryservice@gtc-uk.co.uk](mailto:plantenquiryservice@gtc-uk.co.uk)  
**To:** [Jeremy Haigh](#)  
**Subject:** GTC Plant Enquiry - Ref- 1364976  
**Date:** 28 May 2020 08:04:55  
**Attachments:** [1364976.png](#)

---

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

**Our Plant Enquiry Service Ref: 1364976**

**Your Enquiry Ref: 421267**

Dear Jeremy,

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](mailto: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.

**DISCLAIMER**

The information in this E-Mail and in any attachments is confidential and may be privileged. If you are



**From:** [Plant Enquiries](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** RE: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 28 May 2020 09:22:08  
**Attachments:** [image001.png](#)

---

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

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

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

Please ensure all plant enquiries are sent to [plantenquiries@lastmile-uk.com](mailto:plantenquiries@lastmile-uk.com)

Regards

---

**From:** Jeremy Haigh <[jeremy.haigh@apogeepropertyandutilityconsultants.com](mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com)>  
**Sent:** 27 May 2020 18:15  
**To:** Plant Enquiries <[plantenquiries@lastmile-uk.com](mailto:plantenquiries@lastmile-uk.com)>  
**Subject:** URGENT C2 Enquiry Request 421267 Heathside School

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversionsary Works)' My client is considering a scheme involving major highway works as detailed below:

Scheme Number: 421267  
Location of Works: Terrace Road  
Postcode: KT12 2ED  
O.S. Grid Ref.: 510943, 167501  
Road No / Street Name: Terrace Road  
From: Waterside Drive  
To: Terrace Road  
Description of Works: Utility Works  
Expected Start Date: 4<sup>th</sup> June 2020  
Plans showing the area for the works are attached.

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of the proposed works, please indicate the position and depth of your apparatus in the locality of the proposed works and return the plan to this office.

Notice under The Street Works (Registers, Notices, Directions and Designations) Regulations will be sent to all Undertakers as appropriate.

Unless you notify us within 10 days setting out when you will be able to reply, it will be assumed



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: 28/05/2020

### Drawing No.

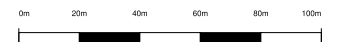
CFH\_EP\_000001

### Revision

001

Scale: 1:2500

A4



field Farm

Grovelands  
Schools

SUNNYSIDE  
RIVERBROOK C

TERRACE ROAD

SPICER CL

THORNECROFT CLOSE

ELSHA

VE

App  
C

Terrace Road, Walton-on-Thames KT12 2E



View by Networks



Long Distance Network



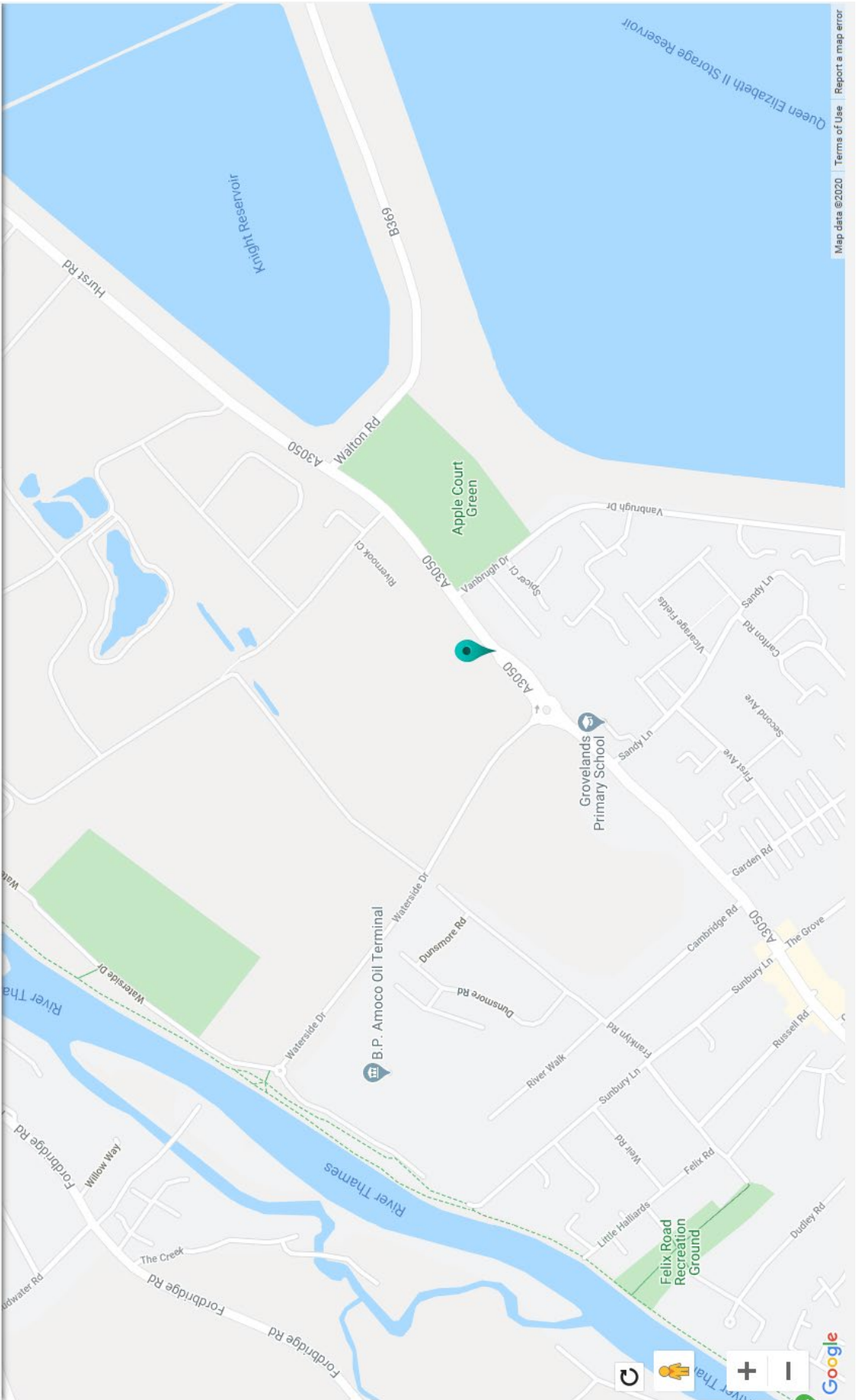
Metro Network



Datacenters



Cloud PoPs



KT12 2ED

Network

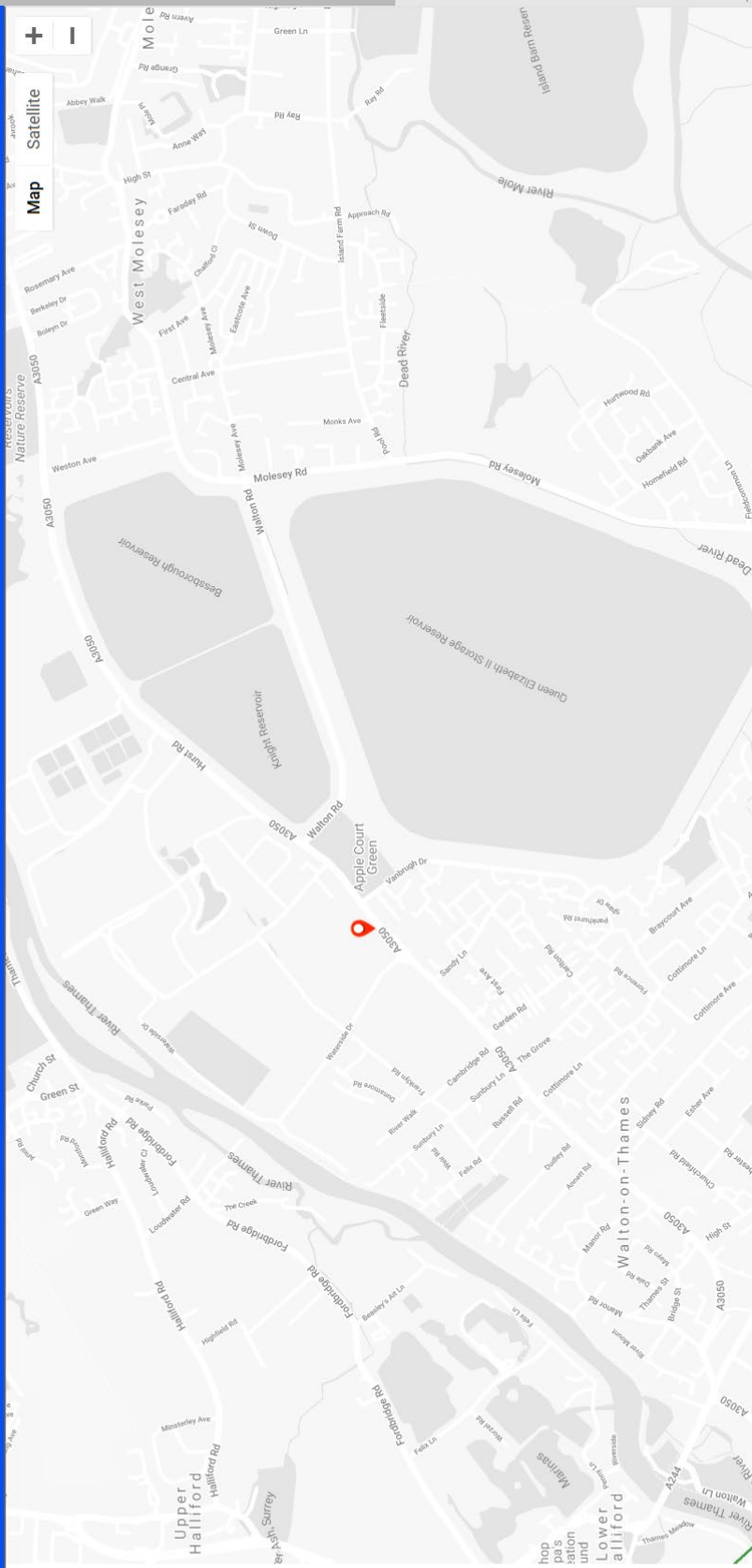
- Metro
- Long Haul
- euTrade

Locations

- Data Centres
- Buildings

Solutions

- Metro Wave
- Long Haul Wave
- Ethernet
- Internet
- Colocation
- DC Connect
- Cloud Connect
- Fibre



**From:** [Plantenquiries](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** E05-20-3444 RE: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 28 May 2020 09:08:03  
**Attachments:** [image001.png](#)  
[image003.png](#)  
[image004.png](#)  
[image002.png](#)

---

Dear Sir or Madam,

Thank you for your plant enquiry below.

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

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

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

Regards

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

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



---

**From:** Jeremy Haigh [mailto:[jeremy.haigh@apogeepropertyandutilityconsultants.com](mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com)]  
**Sent:** 27 May 2020 18:19

**From:** [KPN Plant Enquiries](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** RE: K06-0331 URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 02 June 2020 16:29:33  
**Attachments:** [image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image002.png](#)

---



Dear Sir or Madam,

With reference to your plant enquiry below, we can confirm that KPN do not have any apparatus within the immediate proximity of your proposed works.

If you require any further information, please do not hesitate to contact us.

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

Regards

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

Office: +44 (0)208 731 4613  
Fax: +44 (0)208 731 4601  
Email: [kpn.plantenquiries@instalcom.co.uk](mailto:kpn.plantenquiries@instalcom.co.uk)  
Web: <http://www.instalcom.co.uk>



**From:** [Nraswa](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** RE: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 28 May 2020 06:52:02  
**Attachments:** [image001.png](#)  
[image002.png](#)

---

Hello,

**Location / Ref no :**

Scheme Number: 421267  
Location of Works: Terrace Road  
Postcode: KT12 2ED  
O.S. Grid Ref.: 510943, 167501  
Road No / Street Name: Terrace Road

At this time the KCOM Group PLC has no apparatus or proposals for new apparatus in the vicinity of these works and will not be affected by them. Please note this reply is valid for 3 months from the date of this letter.

**[KCOM now offer this service free on-line, to register for this please contact Tony Parker at \[Tony.Parker@Kcom.com\]\(mailto:Tony.Parker@Kcom.com\)](#)**

Kind Regards

**Pete McSherry**

*NRSAWA Planner – Field Engineering*  
*Mobile/Cell: +44 (0) 748 453 9186*  
*Email: [pete.mcsherry@kcom.com](mailto:pete.mcsherry@kcom.com)*  
*Web: [www.kcom.com](http://www.kcom.com)*

**KCOM**

---

KCOM Commercial in Confidence

**From:** Jeremy Haigh <[jeremy.haigh@apogeepropertyandutilityconsultants.com](mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com)>  
**Sent:** 27 May 2020 18:20  
**To:** Nraswa <[nraswa@kcom.com](mailto:nraswa@kcom.com)>  
**Subject:** URGENT C2 Enquiry Request 421267 Heathside School

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary

**From:** [NRSWA](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 28 May 2020 10:01:36  
**Attachments:** [image003.png](#)  
[image007.png](#)

---



Thank you for your enquiry.

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

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

Regards

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

---

**From:** Jeremy Haigh <[jeremy.haigh@apogeepropertyandutilityconsultants.com](mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com)>  
**Sent:** 27 May 2020 18:20  
**To:** NRSWA <[nrswa.nrswa@sky.uk](mailto:nrswa.nrswa@sky.uk)>  
**Subject:** [EXTERNAL] URGENT C2 Enquiry Request 421267 Heathside School

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary Works)' My client is considering a scheme involving major highway works as detailed below:

Scheme Number: 421267  
Location of Works: Terrace Road  
Postcode: KT12 2ED  
O.S. Grid Ref.: 510943, 167501  
Road No / Street Name: Terrace Road  
From: Waterside Drive



**From:** [SOTA Plant Enquiries](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** RE: S05-20- 1067 URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 28 May 2020 10:17:25  
**Attachments:** [image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image008.png](#)

---



Dear Sir or Madam,

With reference to your plant enquiry below, we can confirm that SOTA do not have any apparatus within the immediate proximity of your proposed works.

If you require any further information, please do not hesitate to contact us.

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

Regards

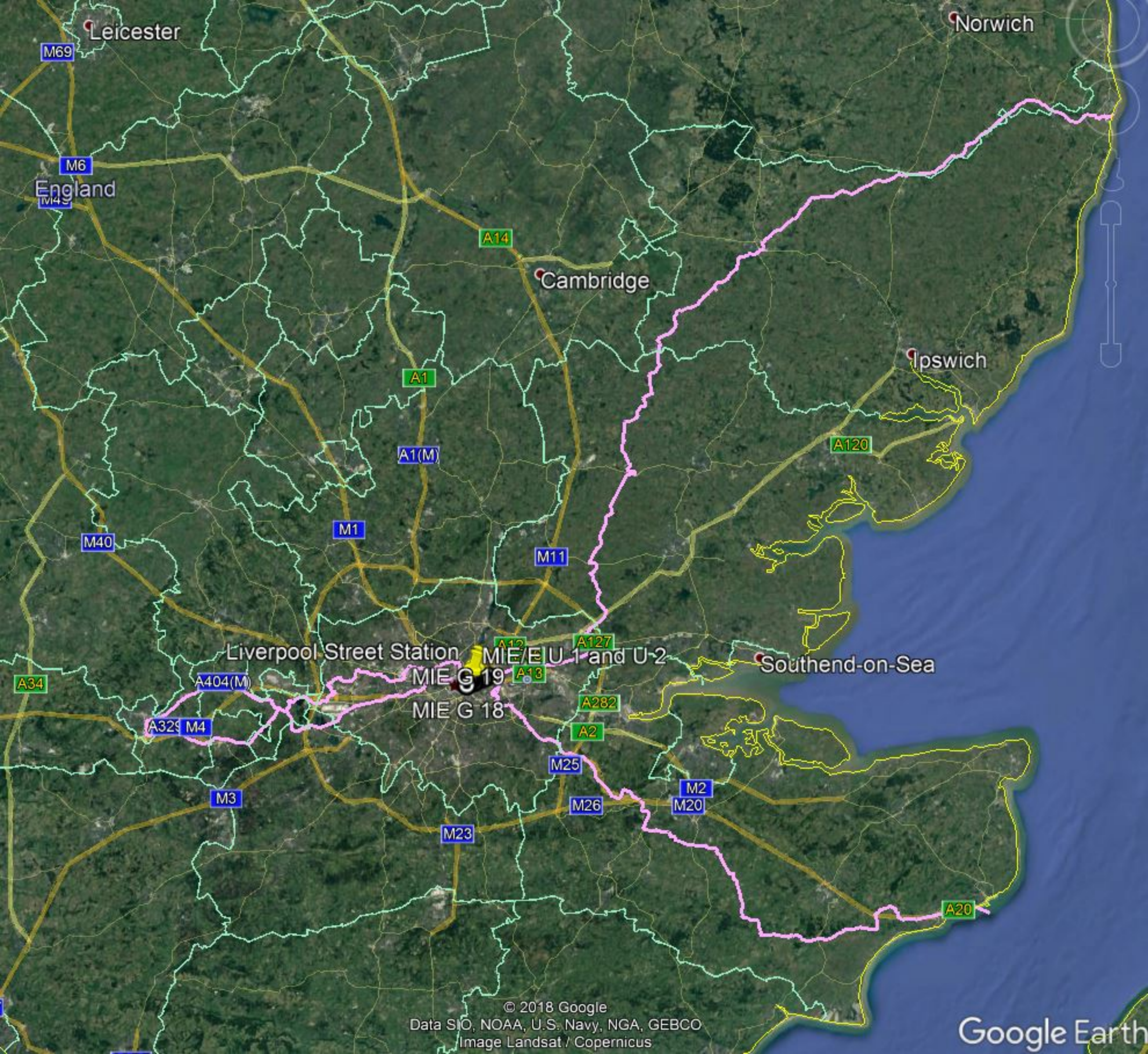
Plant Enquiries Dept.  
Instalcom Limited  
Borehamwood Ind. Park  
Rowley Lane  
Borehamwood  
WD6 5PZ

Office: +44 (0)208 731 4613  
Fax: +44 (0)208 731 4601  
Email: [sota.plantenquiries@instalcom.co.uk](mailto:sota.plantenquiries@instalcom.co.uk)  
Web: <http://www.instalcom.co.uk>



---

**From:** Jeremy Haigh [mailto:[jeremy.haigh@apogeepropertyandutilityconsultants.com](mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com)]  
**Sent:** 27 May 2020 18:20



Leicester

Norwich

M69

M6

England

A14

Cambridge

A1

Ipswich

A120

A1(M)

M40

M1

M11

Liverpool Street Station MIE/EU 1 and U-2

Southend-on-Sea

MIE G 19

A34

A404(M)

A12

A127

A13

MIE G 18

A282

A32 M4

A2

M25

M2

M3

M26

M20

M23

A20

**From:** [UK OSP-Team](#)  
**To:** [Jeremy Haigh](#)  
**Cc:** [UK OSP-Team](#)  
**Subject:** RE: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 28 May 2020 11:17:07  
**Attachments:** [image001.png](#)

---

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 E.mail [osp-team@uk.verizon.com](mailto:osp-team@uk.verizon.com)

---

**From:** Jeremy Haigh [<mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com>]  
**Sent:** 27 May, 2020 6:21 PM  
**To:** UK OSP-Team  
**Subject:** [E] URGENT C2 Enquiry Request 421267 Heathside School

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary Works)' My client is considering a scheme involving major highway works as detailed below:

Scheme Number: 421267  
Location of Works: Terrace Road  
Postcode: KT12 2ED  
O.S. Grid Ref.: 510943, 167501  
Road No / Street Name: Terrace Road  
From: Waterside Drive  
To: Terrace Road  
Description of Works: Utility Works  
Expected Start Date: 4<sup>th</sup> June 2020  
Plans showing the area for the works are attached.

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of the proposed works, please indicate the position and depth of your apparatus in the locality of the proposed works and return the plan to this office.

Notice under The Street Works (Registers, Notices, Directions and Designations) Regulations will

Microsoft Office Home Apogee Job Number Mast Apogee Property a Orders Apogee Property a Mobile Mast Location F

https://www.mastdata.com/37/37\_map\_mobile\_mast.aspx?Table=15&AdTyID=43&ROName=M16+0PG&Z=14

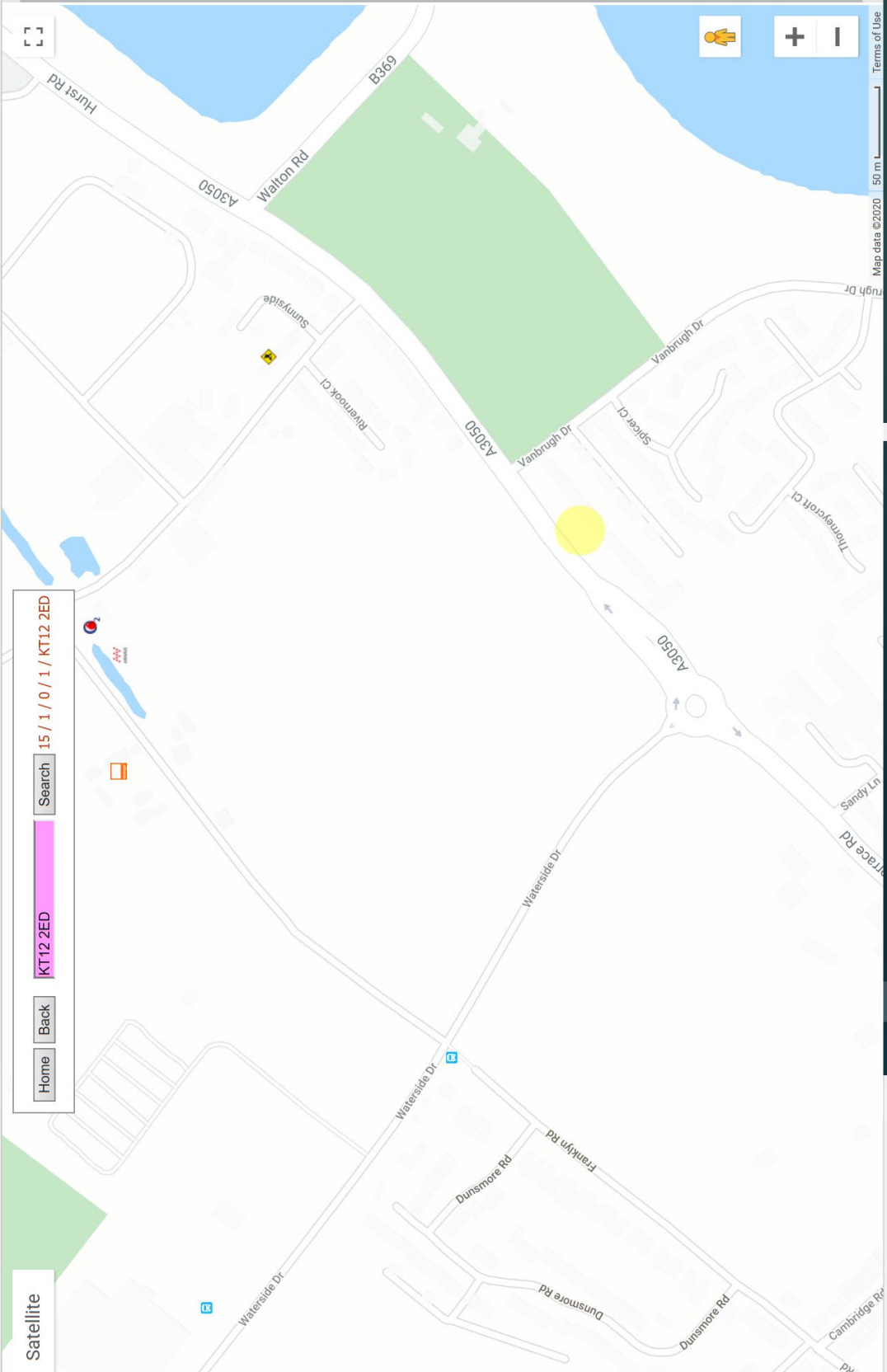
Map Satellite

Home Back Search **KT12 2ED** Search 15 / 1 / 0 / 1 / KT12 2ED

Map data ©2020 50 m 13:48 29/05/2020

Type here to search

- Orange
- Vodafone
- T-Mobile
- Three
- O2
- BT BT TE
- Airwaves
- CTIL
- Arqiva
- EE
- UHF Relay
- UHF Major
- Offered
- LPA Apvd
- LPA RefWdin
- LPA Other



**From:** [TM Plant Enquiries](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** Re: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 31 May 2020 09:38:23  
**Attachments:** [image002.png](#)

---

**Our ref:** Damian Sweeney TEL: 01234759112 or 07712129249

## **New Roads and Street Works Act 1991- Sections 83, 84,142 and 143 Codes of Practice Appendix C2**

In response to your notice regarding works which you, are proposing to undertake.

I can confirm that *Trafficmaster* does not have equipment installed within the boundary of the works.

If you have any further queries regarding this or any other programme, please do not hesitate to contact me on my details below.

Yours sincerely  
For & on Behalf of  
Trafficmaster Ltd

**Infrastructure Maintenance**  
[plantenquiries@trafficmaster.co.uk](mailto:plantenquiries@trafficmaster.co.uk)

---

**From:** Jeremy Haigh <jeremy.haigh@apogeepropertyandutilityconsultants.com>  
**Sent:** Wednesday, May 27, 2020 5:21 PM  
**To:** TM Plant Enquiries <plantenquiries@trafficmaster.co.uk>  
**Subject:** URGENT C2 Enquiry Request 421267 Heathside School

**CAUTION: This email originated from outside the company.**

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversiory Works)' My client is considering a scheme involving major highway works as detailed below:

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Postcode: KT12 2ED  
O.S. Grid Ref.: 510943, 167501  
Road No / Street Name: Terrace Road  
From: Waterside Drive  
To: Terrace Road  
Description of Works: Utility Works

th

**From:** [Location Enquiries](#)  
**To:** [Jeremy Haigh](#)  
**Subject:** RE: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 29 May 2020 10:07:29  
**Attachments:** [image001.png](#)

---

Jeremy

Thank you for your enquiry.

I can confirm that London Underground/DLR has no assets within 50 metres of your site as shown on the plan provided by you.

Kind regards

**Shahina Inayathusein MIAM MAPM**  
Safeguarding Engineer (LU+DLR)  
Infrastructure Protection-TfL Engineering  
Email: [locationenquiries@tube.tfl.gov.uk](mailto:locationenquiries@tube.tfl.gov.uk)

Find out more about Infrastructure Protection - <https://youtu.be/OhGoJMTBOEg>

---

**From:** Jeremy Haigh [mailto:[jeremy.haigh@apogeepropertyandutilityconsultants.com](mailto:jeremy.haigh@apogeepropertyandutilityconsultants.com)]  
**Sent:** 27 May 2020 18:22  
**To:** Location Enquiries  
**Subject:** URGENT C2 Enquiry Request 421267 Heathside School

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary Works)' My client is considering a scheme involving major highway works as detailed below:

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Road No / Street Name: Terrace Road  
From: Waterside Drive  
To: Terrace Road  
Description of Works: Utility Works  
Expected Start Date: 4<sup>th</sup> June 2020  
Plans showing the area for the works are attached.

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of the proposed works, please indicate the position and depth of your apparatus in the locality of the proposed works and return the plan to this office. Notice under The Street Works (Registers, Notices, Directions and Designations) Regulations will be sent to all Undertakers as appropriate. Unless you notify us within 10 days setting out when you will be able to reply, it will be assumed that you are able to comply with the provision of Table 1 of Appendix C (i.e. that the information requested will be provided within 10 working days).

Should you require any further information, please contact us immediately.

**From:** [LULHVpowerassets@tfl.gov.uk](mailto:LULHVpowerassets@tfl.gov.uk)  
**To:** [Jeremy Haigh](#)  
**Subject:** NRSWA Request Response - Your Reference 421267  
**Date:** 31 May 2020 16:24:58

---

Our Ref: **NAF6S9TL**  
Your Ref: **421267**  
Date: 31 May 2020

Name: **Jeremy Haigh**  
Company Name: **Apogee utility consultants**

Dear Sir/Madam

We acknowledge receipt of your Letter / New Roads & Street Works Act Enquiry dated **27/05/20** relating to the following enquiry:

**Location of Works: Terrace Road**  
**Postcode: KT12 2ED**  
**O.S. Grid Ref.: 510943,167501**  
**Road No / Street Name: Terrace Road**  
**From: Waterside Drive**  
**To: Terrace Road**

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

Yours sincerely,

On Behalf of the H.V. Cables Manager

Title: NRSWA co-ordinator

Email: [LULHVpowerassets@tfl.gov.uk](mailto:LULHVpowerassets@tfl.gov.uk)

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

\*\*\*\*\*

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**From:** Fuller, Dain on behalf of OP Buried Services Enquiries  
**To:** Jeremy Haigh  
**Subject:** RE: URGENT C2 Enquiry Request 421267 Heathside School  
**Date:** 27 May 2020 19:04:48  
**Attachments:** imae001.png

Dear Sir/Madam,

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

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

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

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

Contact details can be found in the following link: [Network Rail Asset Protection Teams](#)

If you require any further clarification on any of the information please contact [opburiedservicesenquiries@networkrail.co.uk](mailto:opburiedservicesenquiries@networkrail.co.uk).

Regards,

Dain

**Dain Fuller**  
Worksite Survey Manager  
**Worksite Survey | Asset Information Services**  
National Records Centre | Audax Road | York YO30 4US  
**W:** [www.networkrail.co.uk](http://www.networkrail.co.uk)

---

**From:** Jeremy Haigh <jeremy.haigh@apogeeutilityandutilityconsultants.com>  
**Sent:** 27 May 2020 18:22  
**To:** OP Buried Services Enquiries <OPBuriedServicesEnquiries@networkrail.co.uk>  
**Subject:** URGENT C2 Enquiry Request 421267 Heathside School

Dear Sir or Madam,

NEW ROADS AND STREET WORKS ACT 1991 PRELIMINARY ENQUIRY Appendix C2 of the Code of Practice (CoP) 'Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary Works)' My client is considering a scheme involving major highway works as detailed below:


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Plans showing the area for the works are attached.

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of the proposed works, please indicate the position and depth of your apparatus in the locality of the proposed works and return the plan to this office.  
Notice under The Street Works (Registers, Notices, Directions and Designations) Regulations will be sent to all Undertakers as appropriate.  
Unless you notify us within 10 days setting out when you will be able to reply, it will be assumed that you are able to comply with the provision of Table 1 of Appendix C (i.e. that the information requested will be provided within 10 working days).

Should you require any further information, please contact us immediately.

Yours sincerely,

Jeremy

Jeremy Haigh  
Managing Director  
  
Blount House  
Hall Park Court  
Hall Park Way  
Telford, TF3 4NQ  
**Office +44 (0)1952 686570**  
DDI: +44 (0)1952 686571  
Mobile +44 (0)7378 846685  
[jeremy.haigh@apogeeutilityconsultants.co.uk](mailto:jeremy.haigh@apogeeutilityconsultants.co.uk)  
[www.apogeeutilityconsultants.co.uk](http://www.apogeeutilityconsultants.co.uk)

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Registered Office: Suite 2, Sigma House Hadley Park East, Telford, Shropshire, TF1 6QJ. Incorporated in England & Wales No. 11208090.

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Network Rail Infrastructure Limited registered in England and Wales No. 2904587, registered office Network Rail, 2nd Floor, One Eversholt Street, London, NW1 2DN

\*\*\*\*\*



Thames Water Property S | Sales Transactions | Microsoft Office Home | Files - OneDrive | Apogee Job Number Ma | Outline the property

https://www.groundstability.com/public/web/log-order?execution=e1s4

Accuracy of the same as outlined in the previous report

If you would like us to draw the boundary for you, please return to the previous screen and select for the Coal Authority to draw your boundary.

Property address  
178 TERRACE ROAD, WALTON-ON-THAMES, SURREY, KT12 2ED

Cancel Previous Next

Screen reference: MRP104

Windows taskbar: Type here to search, 08:16 28/05/2020

Thames Water Property S | Sales Transactions | Microsoft Office Home | Files - OneDrive | Apogee Job Number Ma | Recommended action

https://www.groundstability.com/public/web/log-order?execution=e1s7

The Coal Authority You have 0 items in your basket Call: 0345 762 6848

Home

## Recommended actions

We can confirm your boundary is:

- located off the coalfield
- not within the Cheshire Brine Compensation District

Cancel Previous Next

Screen reference: MRP410

FAQs Access to information Our reports Accessibility Terms and conditions Cancellation policy Privacy policy

The Coal Authority  
The Coal Authority, 200 Lichfield Lane, Mansfield, Nottinghamshire NG18 4RG

Windows taskbar: Type here to search, 08:17 28/05/2020

## Acronyms Key

Electric			
DNO	Distribution Network Operator	KVA	Kilo Volt Amperes
IDNO	Independent Distribution Network Operator	MVA	Mega Volt Amperes
ICP	Independent Connections Provider	AC	Alternating Current
LV	Low Voltage	S/S	Substation
HV	High Voltage	PMT	Pole Mounted Transformer
EHV	Extra High Voltage		
Water			
SLO	Self Lay Organisation	WRAS	Water Regulation Advisory Scheme
Incumbent	Local Water or Water & Sewerage Company		
Gas			
GT	Gas Transporter	LP	Low Pressure
IGT	Independent Gas Transporter	MP	Medium Pressure
UIP	Utility Infrastructure Provider	IP	Intermediate Pressure
PRS	Pressure Reducing Station (Governor)	HP	High Pressure
Others			
AP	Apogee Property & Utility Consultants	CATV	Cable Television
PE	Polyethylene	FTTP	Fibre to the premise
DI	Ductile Iron	FTTC	Fibre to the cabinet
ST	Steel	l/min	Litres per minute
CI	Cast Iron	H&S	Health & Safety
SI	Spun Iron	HBF	House Builders Federation
HPPE	High Performance Polyethylene	TPO	Tree Preservation Order
MDPE	Medium Density Polyethylene	TBC	To be confirmed
GRP	Glass Reinforced Plastic	N/A	Not Applicable

# Important Information

## Relevant Documents

The following documents must be referred to before work commences in the vicinity of existing services:

- Health and Safety Booklet HS (GS) 6 Avoidance of Danger from Overhead Electric Lines.
- General Safety Measures to Avoid Injury and Damage to Gas Apparatus.
- HSE Guidance Note HS (G) 47 Avoiding Danger from Underground Services.
- National Joint Utilities Group (NJUG) Publications Vol. 1.
- CDM Regulations 2015.
- PAS 128:2014 Specification for Underground Utility Detection, Verification and Location.

## Basic Risk Assumption for all Services

When dealing with existing services the following assumptions must always be accepted:

- All existing buildings have gas, water electric and telecoms supplies to them until proven otherwise.
- Any supply to an existing building, no matter how old the building is or how deteriorated the supply may appear, is taken to be 'live' until proven otherwise.
- All open land, vacant lots and derelict sites are deemed to have services beneath them until proven otherwise.
- The only acceptable proof that a service is 'dead' and can be removed is written confirmation from the owner of the service.
- The quality and accuracy of information provided by utilities about their existing plant is indicative and no warranty is made as to its accuracy. Therefore, any utility asset maps and/or marked up drawings provided by each utility must only be used as a guide and the actual location of plant should be verified by CAT Scan GPR survey or trial holes before construction works commence.

*Please note not all service connections are shown on the utility asset [maps](#).*

## Plant Found Within Site Boundaries

Where utility plant is found within the site boundary, it is recommended for the client to check for legal easements or wayleaves a Wayleave search service is available from us please ask for a quotation.

Diversions of plant within site boundaries can be expensive and time consuming to relocate. Further investigation of costs and timescales are recommended. Please ask us for further details.