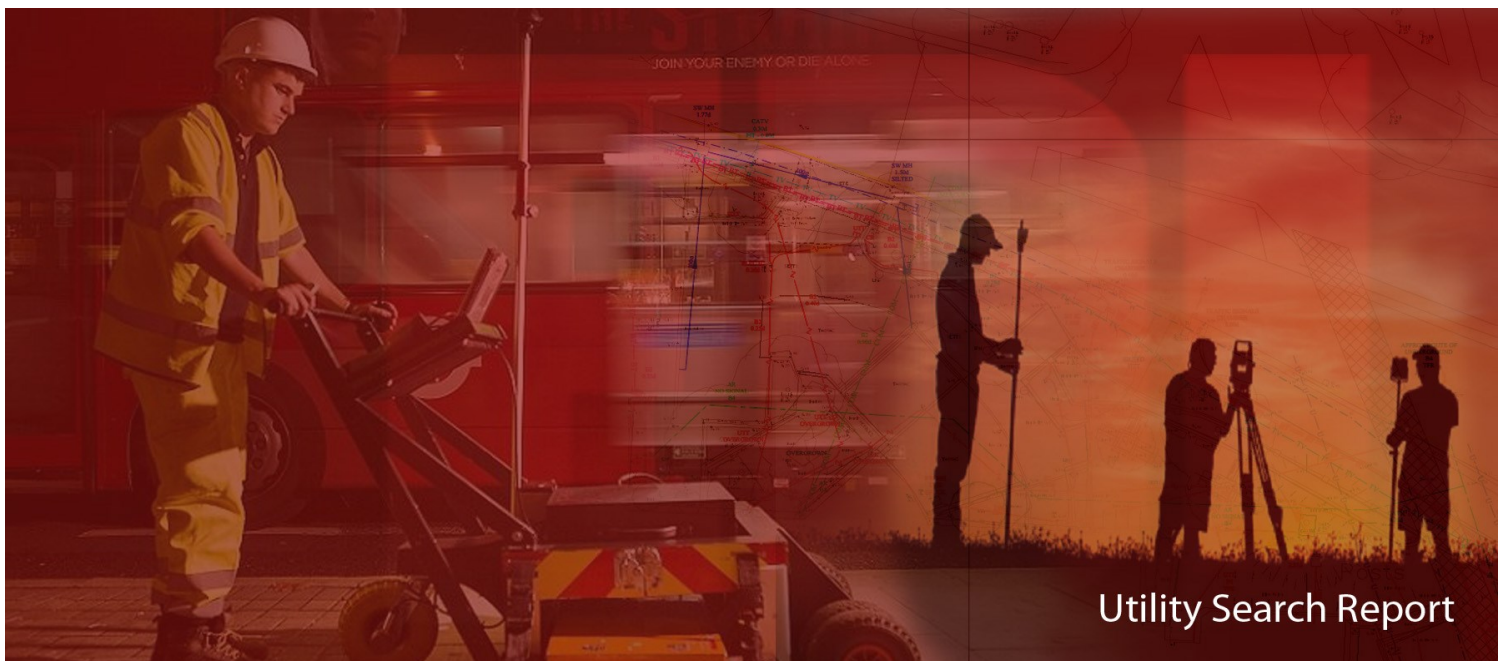


Date: October 2020



The *COMPLETE* surveying and measuring service



Utility Search Report

# Site Location



Grid Reference

**SM 90866 06161**

Grid Reference (6 figure)

**SN908061**

X (Easting): Y (Northing)

**190866 206161**

Latitude Longitude:

**51.715084 -5.0288072**

Address Near:

**Lidl, Great North Road, Hakin, Milford Haven  
Pembrokeshire, Wales.**

Postcode (nearest):

**SA73 2NA**

# Enclosures

Utility Type	Company	In-house Search	In Vicinity of Development	Not In Vicinity of Development	No Response Received to Date
<b>Water Mains</b>	Welsh Water		07/10/2020		
<b>Drainage</b>	Welsh Water		07/10/2020		
<b>Gas</b>	WWU / ESP		07/10/2020		
<b>Openreach (BT)</b>	BT	x	07/10/2020		
<b>CATV</b>	Virgin	x	07/10/2020		
<b>Electric</b>	WPD		07/10/2020		
<b>Communication</b>	Colt			07/10/2020	
	Sky			07/10/2020	
	Instalcom			07/10/2020	
	Sota			07/10/2020	
	Zayo Europe			07/10/2020	
	Energetics			07/10/2020	
	GTT			07/10/2020	
	Giga			07/10/2020	
	EU networks			07/10/2020	
	Verizon			07/10/2020	
	SSE Comms			07/10/2020	
	Vodafone			07/10/2020	
Cityfibre			07/10/2020		
Turner Townsend			07/10/2020		
<b>Environment Agency</b>				07/10/2020	
<b>Tunnels &amp; Pipelines</b>	BT Deep Level Tunnels			07/10/2020	
	Thames Water Ring Main			07/10/2020	
	Heathrow			07/10/2020	
	Esso			07/10/2020	
	MOD			07/10/2020	
	ESP			07/10/2020	
	Veolia			07/10/2020	
<b>Transport</b>	Canal & River Trust			07/10/2020	
	Network Rail			07/10/2020	
	Crossrail			07/10/2020	
	London Underground / LUHV			07/10/2020	
	Docklands Light Railway			07/10/2020	
	Private Rail Lines			07/10/2020	
	Trams			07/10/2020	
	Traffic Master			07/10/2020	
<b>Not Affected</b>					
	AWE Pipeline Esso Petroleum Company Limited Perenco UK Limited (Purbeck Southampton Pipeline) BOC Limited Fulcrum Pipelines Limited Petroineos BP Midstream Pipelines Phillips 66 Gateshead Energy Company Premier Transmission Ltd (SNIP)			CATS Pipeline c/o Wood Group PSN Humbly Grove Energy Redundant Pipelines - LPDA Cemex IGas Energy RWEnpower (Little Barford and South Haven) Centrica Energy	

# Abbreviations

<b>Apparatus</b>	
<b>Electric:</b>	
<b>DNO</b>	Distribution Network Operator
<b>iDNO</b>	Independent Distribution Network Operator
<b>ICP</b>	Independent Connections Provider
<b>LV</b>	Low Voltage
<b>HV</b>	High Voltage
<b>EHV</b>	Extra High Voltage
<b>kVA</b>	Kilovolt Amperes
<b>MVA</b>	Megavolt Amperes
<b>AC</b>	Alternating Current
<b>S/S</b>	Substation
<b>PMT</b>	Pole Mounted Transformer
<b>Gas:</b>	
<b>GT</b>	Gas Transporter
<b>iGT</b>	Independent Gas Transporter
<b>UIP</b>	Utility Infrastructure Provider
<b>PRS</b>	Pressure Reducing Station (Governor)
<b>LP</b>	Low Pressure
<b>MP</b>	Medium Pressure
<b>IP</b>	Intermediate Pressure
<b>HP</b>	High Pressure
<b>Water</b>	
<b>SLO</b>	Self Lay Organization
<b>Incumbent</b>	Local Water only or Water & Sewerage Company
<b>WRAS</b>	Water Regulation Advisory Scheme
<b>Other</b>	
<b>PE</b>	Polyethylene
<b>DI</b>	Ductile Iron
<b>ST</b>	Steel
<b>CI</b>	Cast Iron
<b>SI</b>	Spun Iron
<b>HPPE</b>	High Performance Polyethylene
<b>MDPE</b>	Medium Density Polyethylene
<b>CATV</b>	Cable Television
<b>GRP</b>	Glass Reinforced Plastic
<b>FTTP</b>	Fibre to the premise
<b>FTTC</b>	Fibre to the cabinet
<b>l/min</b>	Litres per minute
<b>H&amp;S</b>	Health and Safety
<b>HBF</b>	House Builders Federation
<b>TPO</b>	Tree Preservation Order

# Enclosure Table Key

---

## **Desk Research**

A tick in this column indicates that the response has been determined In-house.

## ***In Vicinity***

*Utility plant is expected to be within, adjacent to or very close to the search area. It is recommended to liaise with the utility in advance of any works taking place.*

## ***Not In Vicinity***

*Utility plant is not expected to be within, adjacent to or very close to the search area. It may be located some distance from the search area.*

## **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 2007 (Regulation 34 – Energy Distribution Installations).

Electricity at Work Regulations 1989.

## **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 record plans 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 or trial holes before construction works commence.

Please note not all service connections are shown on the utility record plans.

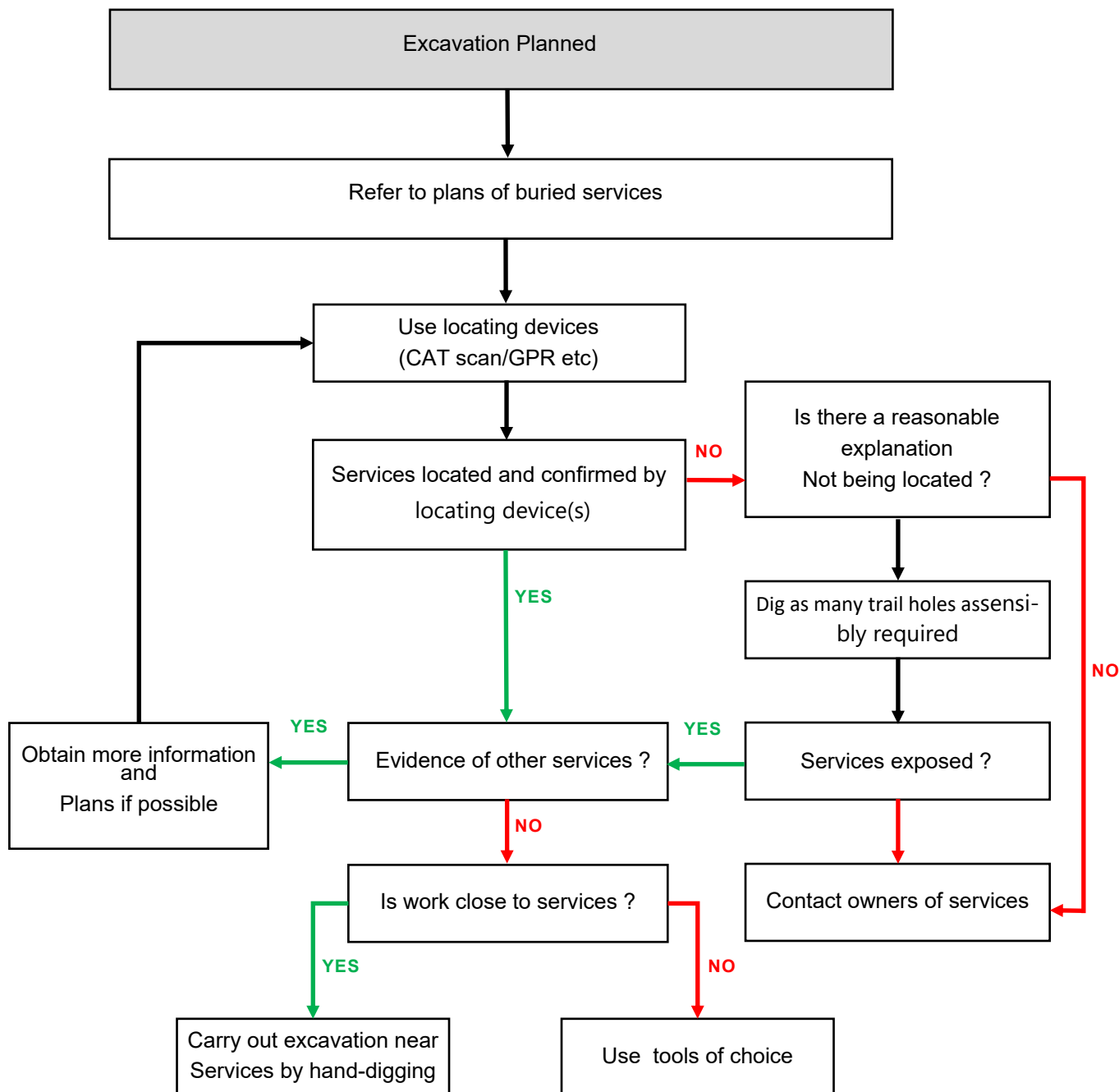
## **Plant Found Within Site Boundaries**

Where utility plant is found within the site boundary, it is recommended for the client to check for legal easements or wayleaves.

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



This flow diagram is intended to help give an understanding of the process from referring to plans on-site through to the start of excavation.



*For example, could services be non-metallic pipes? Please refer to HS (G) 47 text for further information.*

*† In particular; visual evidence. Ensure that the presence of services, which may be unmarked on plans or for which no plans are available, has been considered, for example service connections.*



*\*\* If there is visual evidence of services, but owners cannot be traced, despite all reasonable attempts to do so, any excavation could proceed but using hand-dug trial holes and proceeding with great care.*

# Utility Guidance

## Guidelines on the Positioning and Colour Coding of Underground Utilities' Apparatus

### Recommended Colour Coding of Underground Utilities

Apparatus All depths are from the surface level to the crown of the apparatus.

Utility	Duct	Pipe	Cable	Marker Systems	Recommended Minimum Depths	
					Footway Verge	Carriageway
<b>Electricity HV (High Voltage)</b>	Black or red duct or tile	N/A	Red or black	Yellow with black and red legend or concrete tiles	450mm - 1200mm	750m - 1200mm
<b>Electricity LV (Low Voltage)</b>	Black or red duct or tile	N/A	Black or red	Yellow with black legend		750mm
<b>Gas</b>	Yellow	* See row below	N/A	Black legend on PE pipes every linear metre.	600mm footway 750mm verge	750mm
	*** PE - up to 2 bar - yellow or yellow with brown stripes (removable skin revealing white or black core pipe). - between 2 to 7 bar -orange. Steel pipes may have yellow wrap or black tar coating or no coating. Ductile Iron may have plastic wrapping Asbestos & Pit / Spun Cast Iron – No distinguishable colour					
Water non Potable & Grey Water	N/A	Black with green stripes	N/A	N/A	600mm - 750mm	600mm - 750mm
Water - Firefighting	N/A	Black with red stripes or bands	N/A	N/A	600mm - 750mm	600mm - 750mm
<b>Oil / fuel pipelines</b>	N/A	Black	N/A	Various Surface markers Marker tape or tiles above red concrete	900mm All work within 3 metres of oil fuel pipelines must receive prior approval	900mm All work within 3 metres of oil fuel pipelines must receive prior approval
<b>Sewerage</b>	Black	No distinguishing colour / material (eg: Ductile Iron may be red; PVC may be brown)	N/A	N/A	Variable	Variable
Communications	Grey, white, green, Black, purple	N/A	Black or Light Grey	Various	250mm - 350mm	750mm minimum
Water 	Blue or Grey	Blue polymer or blue or uncoated Iron / GRP. Blue polymer with brown stripe (removable skin revealing white or black pipe)	N/A	Blue or blue/black	750mm	750mm minimum
Water pipes for special purposes (e.g. contaminated ground) 	N/A	Blue polymer with brown stripes (non removable skin)	N/A	Blue or blue/black	750mm	750mm minimum

\*These guidelines describe utility industry practice. However, it should not be Assumed that all apparatus will conform the recommendations for positioning And colour coding contained in this report.



# Utility Guidance

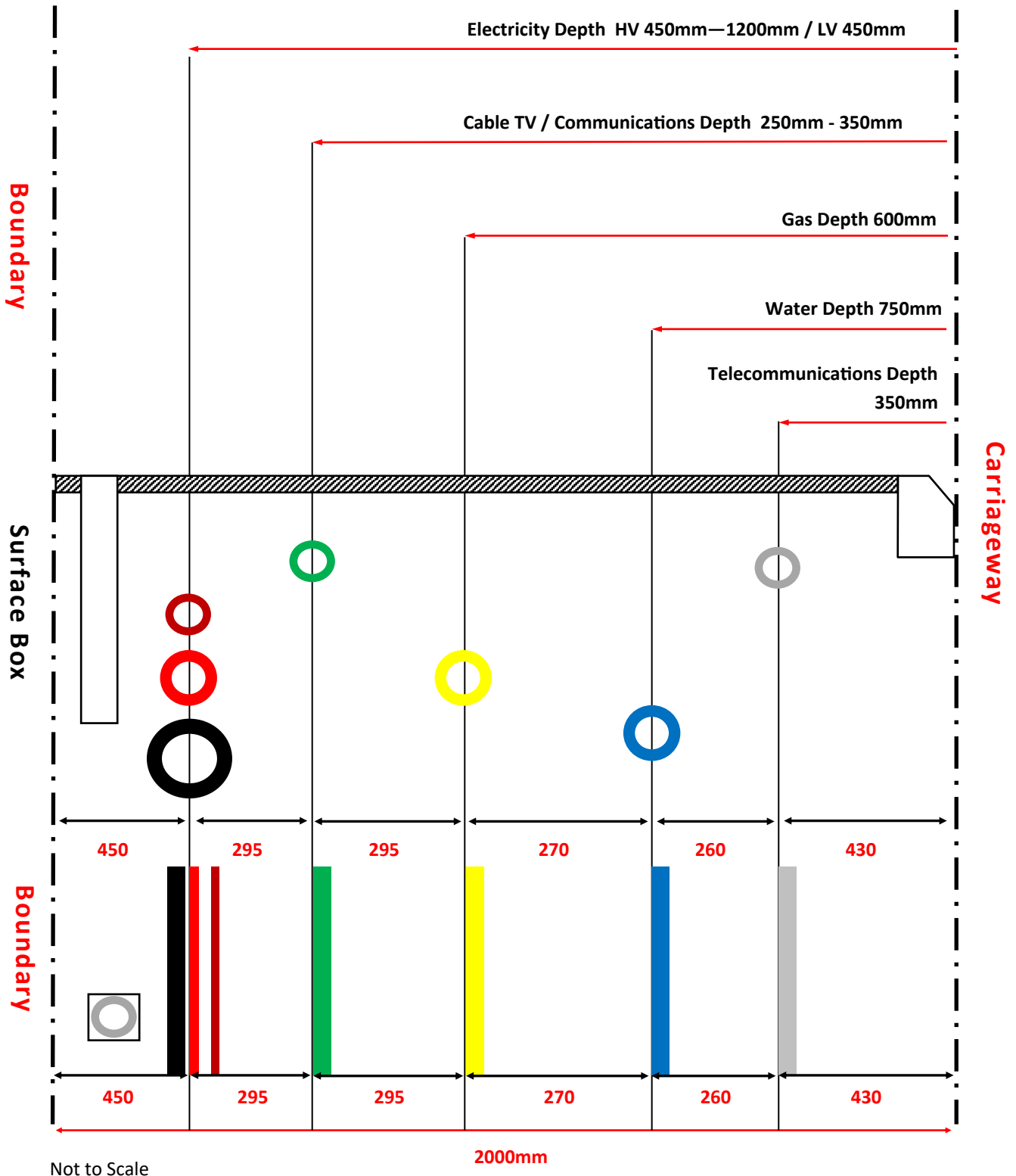
## Recommended Colour Coding of Other Underground Apparatus All depths are from the surface level to the crown of the apparatus.

Utility	Duct	Pipe	Cable	Marker Systems	Recommended Minimum Depths	
					Footway Verge	Carriageway
At the time of publication the following were current examples of known highway authority apparatus colour coding but local variations may occur.						
<b>Street Lighting</b>						
England and Wales	Orange	N/A	Black	Yellow with black legend	450mm	600mm
Scotland	Purple	N/A	Purple	Yellow with black legend	450mm	450mm
Northern Ireland	Orange	N/A	Black or orange		450mm	450mm
<b>Other</b>						
Traffic Control	Orange	N/A	Orange	Yellow with black legend		
Street Furniture		N/A	Black	Yellow with black legend	450mm	600mm
Communications		N/A	Light grey or black	Yellow with black legend		
CCTV	Purple	N/A		Yellow with black legend		
<b>Motorways and Trunk Roads England and Wales</b>						
Communications	Purple	N/A	Grey	Yellow with black legend	450mm	
Communications Power	Purple	N/A	Black	Yellow with black legend		
Road Lighting	Orange	N/A	Black	Yellow with black legend		
<b>Scotland</b>						
Communications ○ ●	Black or grey	N/A	Black	Yellow with black legend		
Road Lighting	Purple	N/A	Purple	Yellow with black legend		

\*These guidelines describe utility industry practise. However, it should not be assumed that all apparatus will conform to the recommendations for Positioning and colour coding contained in this publication.

## NJUG Guidelines on the Positioning and Colour Coding of Underground Utilities Recommended Positioning of Utility Apparatus in a 2 metre Footway (s)

**Note** - the same positioning should apply in the carriageway service strip (if safe and practical to do so) where a development has footways) available for services and or the boundary of the property in on the carriageway (please refer to minimum depths in carriageways)  
For further advise please contact the asset owner.



Not to Scale

## Other warnings

**WARNING**  
PIPELINE OFFSET  
BEHIND MARKER



The markers may not always be directly over the pipeline. In which case an additional warning sticker will indicate the direction of off-set.



Studs such as these may be found in footpaths and car parks etc.

### CAUTION

**THIS STRUCTURE IS IN CLOSE PROXIMITY TO A HIGH PRESSURE OIL PIPELINE. BEFORE COMMENCING ANY EXCAVATION WORK PLEASE CALL FREEPHONE 0800 XXXXXXXX.**



You may find signs such as these on apparatus close to the pipeline.

When the pipeline route has been located it will be marked with location pegs.

Pole warning marker



Marker posts only denote the presence of our pipelines. Never presume that the pipeline runs in a straight line between marker posts as there could either be a bend or the posts may have been moved without our knowledge.  
**DO NOT PRESUME ANYTHING: TELEPHONE OUR AGENTS AND WE WILL SEND SOMEONE TO VERIFY EXACTLY WHERE THE PIPELINE IS SITUATED.**

### IMPORTANT



*Watch out  
there's a pipeline  
about!*

# Typical pipeline Markers



LINEMATCH WEBSITE

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

Revision No 06.1

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



# Typical pipeline markers



Mainline marker post



Huntsman marker post



BPA marker post



ConocoPhillips marker post



MLL marker post



BP marker post



Esso marker posts



Total marker post



GPSS marker post



Shell marker posts



**Beware** of posts with brass studs (such as the post above) which have cables connecting to the pipeline below.



New design marker post

## Typical pipeline aerial markers



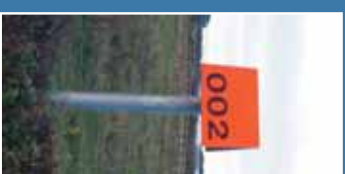
Shell aerial marker



Esso & MLP aerial marker



GPSS aerial marker



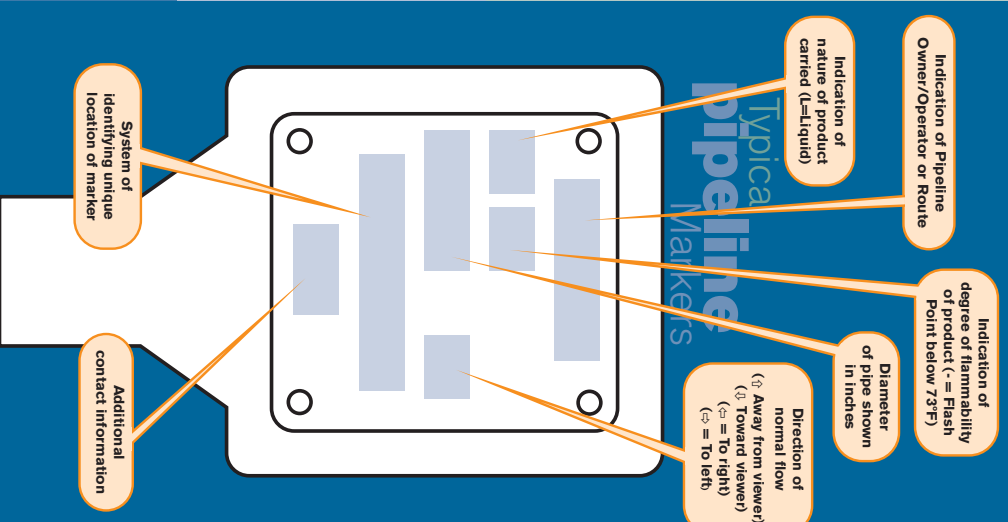
BP aerial marker



Plain orange with white stick

BPA  
ConocoPhillips  
Total/Huntsman  
have similar aerial  
markers to left

# Standard symbols on marker posts



The above information may not appear in the same order as indicated and some items may be omitted

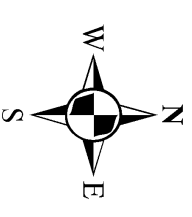
## Useful pipeline enquiry sites

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

for links to individual pipeline websites  
[www.linesearch.org](http://www.linesearch.org)







**LEGEND**

	Clean network:		Stop tap
	Sluice valve		Water Treatment Works
	Pressure reducing valve		Water Pumping Station
	Meter		Existing main
	Bulk meter		Non-operational main
	Hydrant		Raw Water
	Cap end		
	Air valve		
			Trunk
			Distribution
			Raw Water

NB: Water main symbol colour indicates the type:  
LIGHT BLUE - Trunk  
DARK BLUE - Distribution  
YELLOW - Raw Water

**Notes:**

Whilst every reasonable effort has been taken to correctly record the pipe material of DDMW assets, there is a possibility that in some cases pipe material (other than Asbestos Cement or Pitch Fibre) may be found to be asbestos cement (AC) or Pitch Fibre (PF). It is therefore advisable that the possible presence of AC or PF pipes be anticipated and considered as part of any risk assessment prior to excavation.

Dŵr Cymru Cŵlygedd (The Company) gives the information as to the position of its underground apparatus by way of general guidance only and does not warrant, or assume any responsibility for, the accuracy of the information. The user of the information is advised to consult the relevant authorities for the most up-to-date information. The user of the information is advised to consult the relevant authorities for the most up-to-date information. The user of the information is advised to consult the relevant authorities for the most up-to-date information.

**EXACT LOCATIONS OF ALL APPARATUS TO BE DETERMINED ON SITE.**

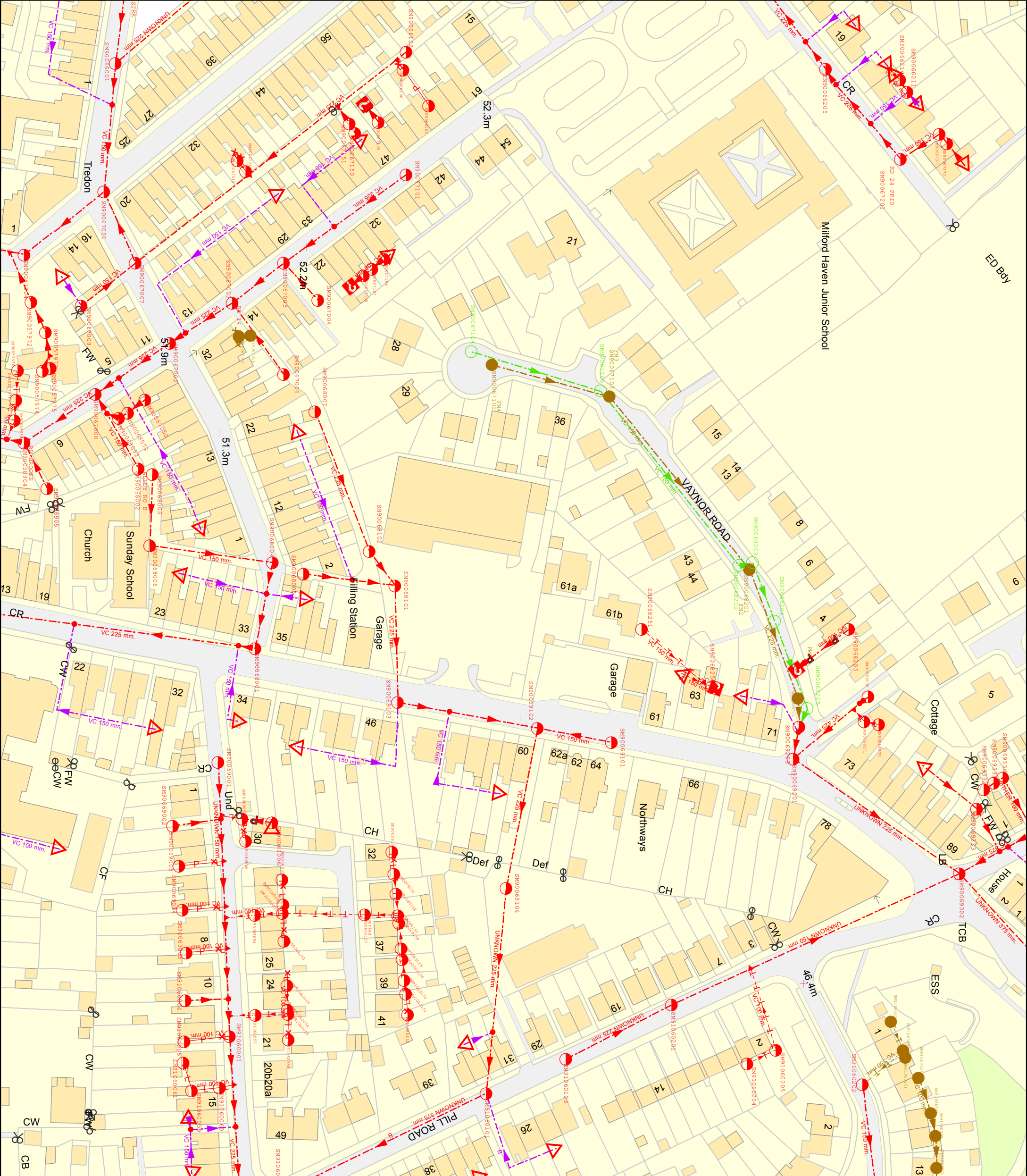
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Map Ref: 190866,206162  
Map scale: 1:1250  
Printed by: Asamoah Akwasi  
Printed on: 06 Oct 2020

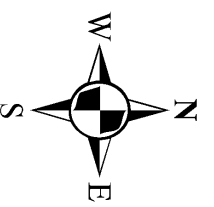








CARDIFF CENTRAL STATION, Great North Road



**LEGEND/Representative of most common features)**

- Waste network:
- Foul chamber
  - Surface water
  - Combined chamber
  - Combined sewer overflow
  - Special purpose chamber
  - ⊕ Treatment works
  - △ Pumping station
  - ⊕ Private sewer: IId adoption agreement
  - ⊕ Private Sewer Transfer
  - ⊕ Lateral Drain
  - ⊕ Inspection Chamber
- Outfall
- Lamphole
  - Storm Overflow
  - Rising main
  - Gravity sewer
  - Private sewer: IId adoption agreement
  - Private Sewer Transfer
  - Lateral Drain
  - Inspection Chamber
- Notes:
- RED - Combined
  - GREEN - Surface Water
  - BROWN - Fall
  - Purple - Former Sd4 sewers (for indicative purposes only)
- NB: Sewer symbol colour indicates the type.
- S 104

**Notes:**

Whilst every reasonable effort has been taken to correctly record the pipe material (of DCMW assets, there is a possibility that in some cases pipe material (other than Asbestos Cement, or Pitch Fibre) may be found to be asbestos cement (AC) or Pitch Fibre (PF). It is therefore advisable that the possible presence of AC or PF pipes be anticipated and considered as part of any risk assessment prior to excavation.

Dŵr Cymru Cymyngog (The Company) gives the information as to the position of its underground apparatus by way of general guidance only and on the strict understanding that it is based on the best information available and no warranty as to the accuracy of the information is given. The Company is not liable for any loss or damage caused by the use of this information. The Company is not liable for any loss or damage caused by the use of this information. The Company is not liable for any loss or damage caused by the use of this information.

Service pipes are not generally shown but their presence should be anticipated.

**EXACT LOCATIONS OF ALL APPARATUS TO BE DETERMINED ON SITE.**

Map Ref: 190866,206162  
 Map scale: 1:1250  
 Printed by: Asamoah Akwasi  
 Printed on: 06 Oct 2020

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**Company Address**

Wales and West Utilities Ltd,  
Wales and West House,  
Spooner Close, Celtic,  
Springs, Coedkernew,  
Newport, NP10 8FZ

Our Ref: 20072731 Milford Haven

Wednesday, 30 September 2020

Thank you for contacting us regarding Wales & West Utilities equipment at the above site.

I enclose an extract from our mains records of the area covered by your proposals together with a comprehensive list of General Conditions for your guidance. This information is given as a general guide and its accuracy cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc., are not shown but their presence should be anticipated.

No liability of any kind whatsoever is accepted by Wales and West Utilities (WWU), its agents or servants for any error or omission. Please note that all WWU equipment on site should be assumed to be LIVE until proven otherwise.

Safe digging practices, in accordance with HS(G)47, Avoiding Danger from underground services must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. Safe working procedures should be defined and practiced.

**WWU reserves its position completely to enforce the terms of any existing easement against the landowner, even if this results in any planning permission granted not being able to be fully implemented.**

**You must not build over any of our plant or enclose our apparatus.**

**Wales & West Utilities have no planning objections to these proposals, although it should be noted that Wales & West's apparatus is held pursuant to easements and it has other private law rights in relation to the use of the land in the vicinity of its apparatus. Wales & West's private law land rights are not material planning considerations and therefore no comment is made in relation to those rights and they have no impact on whether or not planning permission should be granted, or whether, if permission is granted, it can lawfully be implemented. It should also be noted that Wales & West's apparatus may be at risk during construction works and should the planning application be approved, then we require the promoter of these works to contact us directly to discuss our requirements in detail. Should diversion works be required these will be fully chargeable.**

Where diversions to WWU apparatus are needed to allow change to occur on site, the cost of these alterations may be charged to the persons responsible for the works.

If you have requested a new connection the WWU connections team will where necessary prepare detailed proposals and provide a quotation for any necessary alterations and/or development of our equipment on the site.

If you require advice in connection with your proposals please contact the relevant number below.

Yours sincerely,

**Company Address**

Wales and West Utilities Ltd,  
Wales and West House,  
Spooner Close, Celtic,  
Springs, Coedkernew,  
Newport, NP10 8FZ

WWU Dig Team

**Gas Emergency Number:**

In an emergency call 0800 111 999, 24 hours a day.

**Mapping Enquiries:**

If you have an enquiry relating to this letter or the attached map plan, please contact us using the following information:

Telephone 02920 278912  
Email dig@wwutilities.co.uk

**General Enquiries:**

If you have a general enquiry, please call us on the following number

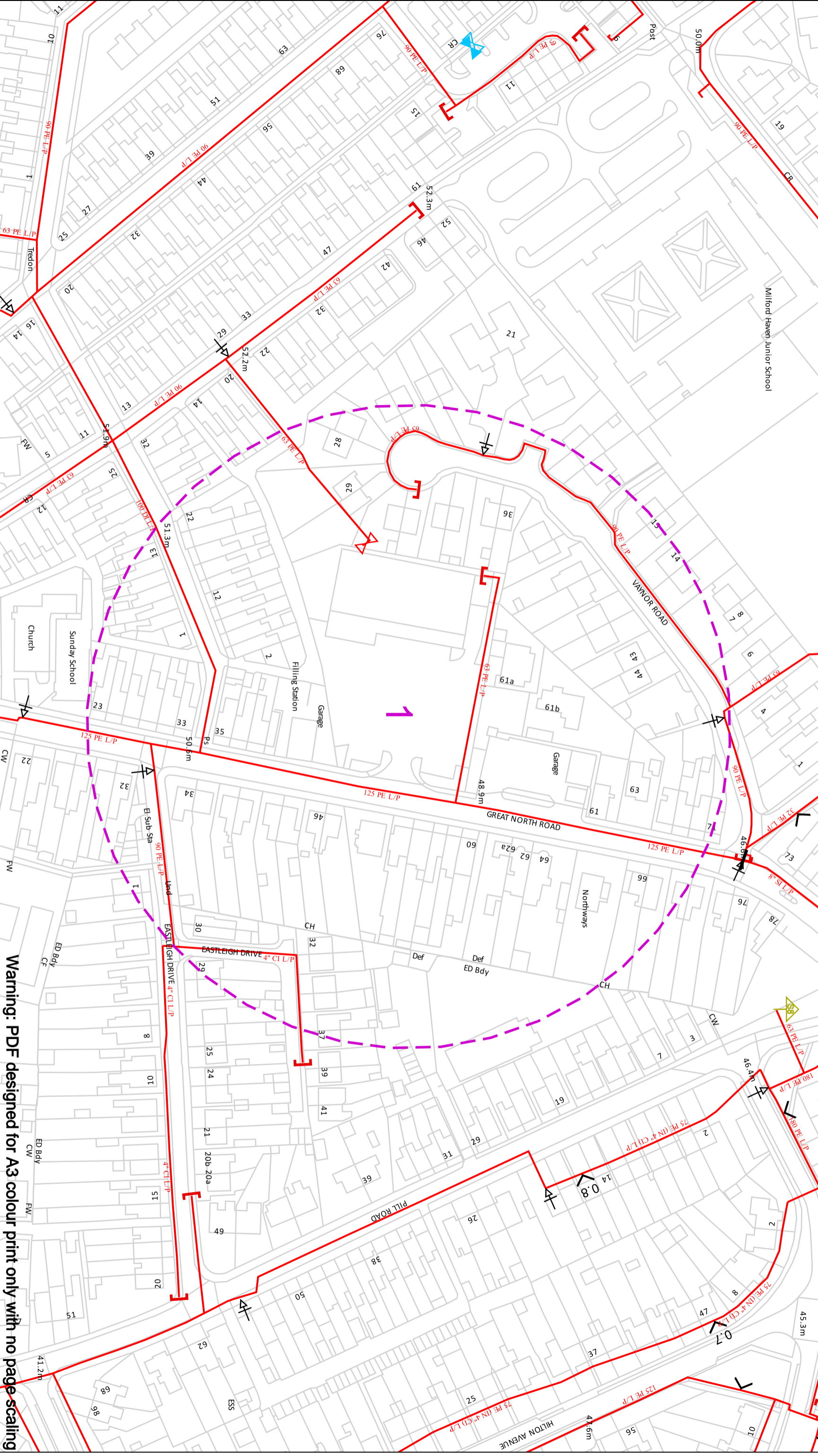
All areas 0800 912 29 99

**LinesearchbeforeUdig:**

If you have an enquiry relating to the use of the LinesearchbeforeUdig website please contact LinesearchbeforeUdig using the following information:

Telephone 0845 437 7365  
Email enquiries@linesearchbeforeudig.co.uk  
Website www.linesearchbeforeudig.co.uk





Contact Us  
 Mailing Enquiries: 02920 278 912  
 General Enquiries: 0800 912 2999

**IMPORTANT NOTICES**

- This information is given as a guide only and its accuracy cannot be guaranteed
- The plan only shows those pipes owned by Wales & West Utilities (WWU) as its role as a licensed Gas Transporter
- Service pipes, valves, syphons, stub connections etc. may not be shown but their presence should be anticipated
- You must use safe digging practices in accordance with HS(G)47 to establish the actual position of mains, services and other apparatus before any mechanical excavation is used
- It is your responsibility to ensure this information is provided to all persons working near our plant
- If in doubt call the WWU dig team on 02920 278912

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

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



Dig Sites	Area:	Line:	Line/Fire Valve
Low Pressure (LP) 21mbar – 75mbar	---	---	⊗
Medium Pressure (MP) 350mbar – 2bar	---	---	⊕
Intermediate Pressure (IP) 2bar – 7bar	---	---	⊖
High Pressure (HP) >7bar	---	---	⊙
			⊗
			⊕
			⊖
			⊙



**Dial before you dig**

Call 029 2027 8912

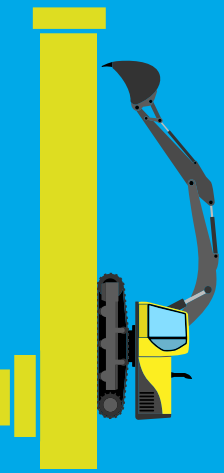
Investigate before you dig, make sure you know what's below.

Go ahead

Done your research? Now you can dig safely.

Small text: Call the Gas Emergency Service on 0800 111 999

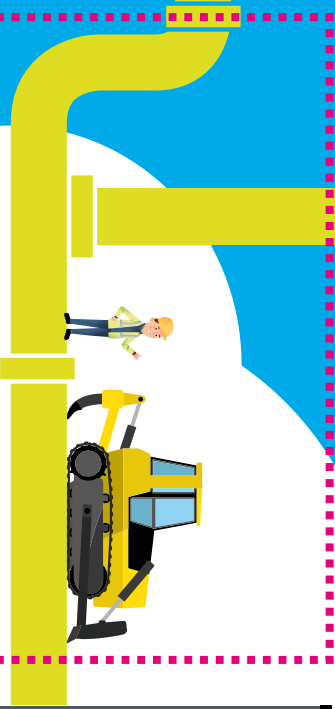




Every day, underground gas pipes get damaged by people digging without knowing what's below. This can be catastrophic. It might cause serious injury to you and others around you. The costs of repair, fines and fees can be huge. Your project will be delayed and your reputation damaged.

We have designed this leaflet to help you dig safely. And the first thing to do – long before you start work – is call us.

What's the number?  
**029 2027 8912**



CARD POSITION (DO NOT PRINT)

We're here to

# help

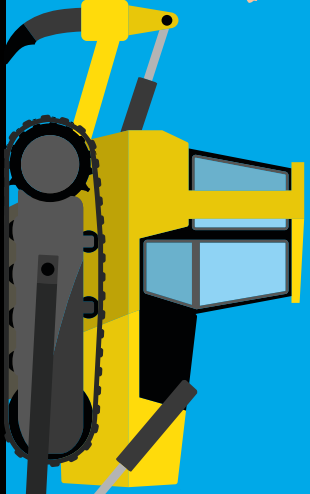


# Dial before you dig

We need  
**10 days'**  
notice

**?** Need help or advice?  
Call our Plant Protection team on  
**029 2027 8912**  
or email [dig@www.utilities.co.uk](mailto:dig@www.utilities.co.uk)

**!** Smell gas?  
Call the Gas Emergency Service on  
**0800 111 999.**



- [dig@www.utilities.co.uk](mailto:dig@www.utilities.co.uk)
- 029 2027 8912**
- [www.utilities.co.uk](http://www.utilities.co.uk)
- [facebook.com/wwutilities](https://www.facebook.com/wwutilities)
- [@WWUtilities](https://twitter.com/WWUtilities)



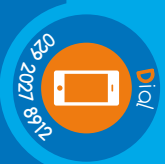
## Dial Investigate Go ahead

YOUR GAS EMERGENCY  
AND PIPELINE SERVICE



# Can you DIG it?

We bring the gas to homes and businesses across Wales and the south west of England. We invest money, time and effort every year to make sure our pipelines are protected – but the biggest danger to our network is you.



## D is for Dial

Digging can be dangerous. Hit a gas pipe and you might cause a gas leak, a fire or explosion.

So phone us first on **029 2027 8912** or email [dig@www.utilities.co.uk](mailto:dig@www.utilities.co.uk)

- You can find out where our pipes are.
- You need to give us '10 working days' notice before you start working.

## I is for Investigate

It's the only way to stay safe



- Before you start work, you must get a copy of our up-to-date gas plans and General Conditions and keep them with you on site.
- Use our online mapping service to find the mains pipes under your land.
- Working near a medium- or intermediate- or high-pressure gas pipe? You might need a site visit – call us so we can arrange it.
- Plan ahead – we need at least '10 days' notice for a site visit.
- You'll also need our publication 'SSW22 Safe working in the vicinity of high-pressure pipelines and associated installations'.
- Remember, you can't work on a Wales & West Utilities wayleave or easement (land which we have rights over to maintain our gas network) without written permission.
- And you can't work near or move heavy equipment over any gas pipeline until all our conditions have been met and we agree your method of working.
- Watch the video on our website to find out more.

## G is for Go ahead



- Make sure you have our up-to-date gas plans on site.
- Need extra advice? Call our Plant Protection team on **029 2027 8912** or email [dig@www.utilities.co.uk](mailto:dig@www.utilities.co.uk)
- Use cable- and pipe-locating devices.
- Use safe digging practices, taking every precaution to avoid damaging gas pipes, damaging yourself and damaging your bank balance. You will be billed for any costs if something goes wrong.
- If in doubt, phone us again. We're happy to help.

We need **10 days'** notice

## Smell gas?

Our Gas Emergency Service is on call **24 hours a day, seven days a week, 365 days a year.**

If you cause a gas leak, or think the network might be leaking, call the Gas Emergency Service immediately on **0800 111 999**.

- Get everyone away from the leak.
- Ask everyone in nearby buildings to leave until we're sure it's safe.
- Put out all naked flames and other sources of ignition and make sure no one smokes within 15 metres of the leak.
- Don't try to fix the leak by filling the hole, as gas may enter buildings.
- Don't try to operate any valves.
- Don't let anyone go near the leak.
- Help our engineers, the police or fire services if they ask.

## GTC Apparatus Not Found In Search Area

### **Our Plant Enquiry Service**

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)

**National Gas Emergency Number:  
0800 111 999\***

**National Grid Electricity Emergency Number:  
0800 40 40 90\***

\* Available 24 hours, 7 days/week.  
Calls may be recorded and monitored.

[www.cadentgas.com](http://www.cadentgas.com)

**Date:** 03/10/2020

**Our Ref:** XX\_GW3A\_3SWP\_730771

**Your Ref:** Lidl

**RE: Proposed Works, Lidl – Great North Road Milford Haven, Milford Haven SA73 2NA**

Thank you for your enquiry which was received on 30/09/2020.

An assessment has been carried out with respect to Cadent Gas Limited, National Grid Electricity Transmission plc's and National Grid Gas Transmission plc's apparatus. Please note it does not cover the items listed in the section "Your Responsibilities and Obligations", including gas service pipes and related apparatus.

For details of Network areas please see the Cadent website (<http://cadentgas.com/Digging-safely/Dial-before-you-dig>) or the enclosed documentation.

**Searches based on your enquiry have identified that there is no record of apparatus in the vicinity of your enquiry.**

**As your works are at a "proposed" stage, any maps and guidance provided are for information purposes only. This is not approval to commence work. You must submit a "Scheduled Works" enquiry at the earliest opportunity and failure to do this may lead to disruption to your plans and works. Plant Protection will endeavour to provide an initial assessment within 14 days of receipt of a Scheduled Works enquiry and dependent on the outcome of this, further consultation may be required.**

**In any event, for safety and legal reasons, works must not be carried out until a Scheduled Works enquiry has been completed and final response received.**

## Your Responsibilities and Obligations

The "Assessment" Section below outlines the detailed requirements that must be followed when planning or undertaking your scheduled activities at this location.

It is your responsibility to ensure that the information you have submitted is accurate and that all relevant documents including links are provided to all persons (either direct labour or contractors) working for you near Cadent and/or National Grid's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

This assessment solely relates to Cadent Gas Limited, National Grid Electricity Transmission plc (NGET) and National Grid Gas Transmission plc (NGGT) and apparatus. This assessment does **NOT** include:

- | Cadent and/or National Grid's legal interest (easements or wayleaves) in the land which restricts activity in proximity to Cadent and/or National Grid's assets in private land. You must obtain details of any such restrictions from the landowner in the first instance and if in doubt contact Plant Protection.
- | Gas service pipes and related apparatus
- | Recently installed apparatus
- | Apparatus owned by other organisations, e.g. other gas distribution operators, local electricity companies, other utilities, etc.

It is **YOUR** responsibility to take into account whether the items listed above may be present and if they could be affected by your proposed activities. Further "Essential Guidance" in respect of these items can be found on either the [National Grid](#) or [Cadent](#) website.

This communication does not constitute any formal agreement or consent for any proposed development work; either generally or with regard to Cadent and/or National Grid's easements or wayleaves nor any planning or building regulations applications.

Cadent Gas Limited, NGGT and NGET or their agents, servants or contractors do not accept any liability for any losses arising under or in connection with this information. This limit on liability applies to all and any claims in contract, tort (including negligence), misrepresentation (excluding fraudulent misrepresentation), breach of statutory duty or otherwise. This limit on liability does not exclude or restrict liability where prohibited by the law nor does it supersede the express terms of any related agreements.

If you require further assistance please contact the Plant Protection team via e-mail ([click here](#)) or via the contact details at the top of this response.

Yours faithfully

Plant Protection Team

# GUIDANCE

## Standard Guidance

**Essential Guidance document:**

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=8589934982>

**General Guidance document:**

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=35103>

**Excavating Safely in the vicinity of gas pipes guidance (Credit card):**

<http://www.nationalgrid.com/NR/rdonlyres/A3D37677-6641-476C-9DDA-E89949052829/44257/ExcavatingSafelyCreditCard.pdf>

**Excavating Safely in the vicinity of electricity cables guidance (Credit card):**

<http://www.nationalgrid.com/NR/rdonlyres/35DDEC6D-D754-4BA5-AF3C-D607D05A25C2/44858/ExcavatingSafelyCreditCardelectricitycables.pdf>

Copies of all the Guidance Documents can also be downloaded from the [National Grid](#) and [Cadent](#) websites.



# ENQUIRY SUMMARY

## Received Date

30/09/2020

## Your Reference

Lidl

## Location

Centre Point: 190850, 206181

X Extent: 162

Y Extent: 194

Postcode: SA73 2NA

Location Description: Lidl – Great North Road Milford Haven, Milford Haven SA73 2NA

## Map Options

Paper Size: A4

Orientation: LANDSCAPE

Requested Scale: 1250

Actual Scale: N/A

Real World Extents: N/A

## Recipients

pprsteam@cadentgas.com

## Description of Works

plans only

## Enquiry Type

Proposed Works

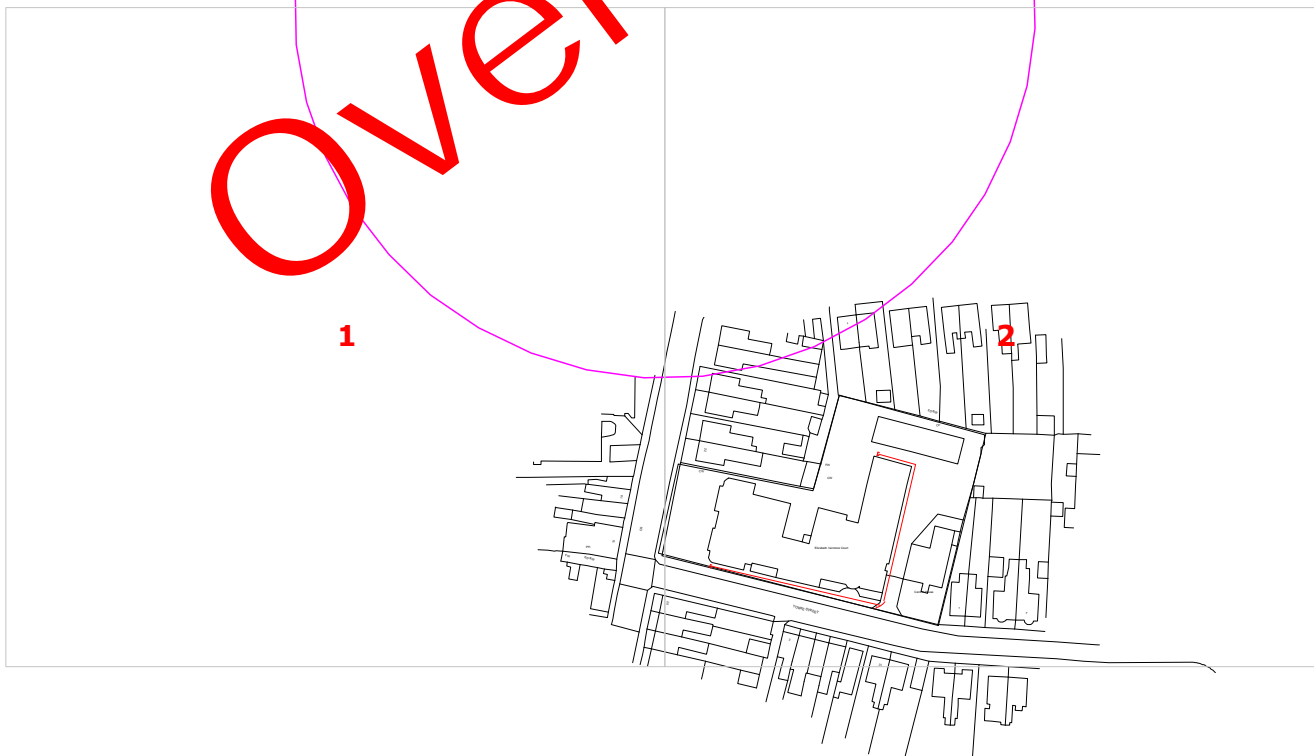
## Activity Type

General Excavation

## Work Types

Work Type: Plans Only

# Overview






Date Requested: 30/09/2020

Job Reference: 20072731

Your Scheme/Reference: Milford Haven

### Key for Mains & Service Pipework

	Existing LP mains or services operating up to 75 millibar gauge
	Existing MP mains or services operating between 75 millibar and 2 bar gauge
	Existing IP mains or services operating between 2 bar and 7 bar gauge

Whilst ESP Utilities Group Ltd (ESP) try to ensure the asset information we provide is accurate, the information is provided Without Prejudice and ESP accept no liability for claims arising from any inaccuracy, omissions or errors contained in this response. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to ESP apparatus and all claims made against them by Third parties as a result of any interference or damage.

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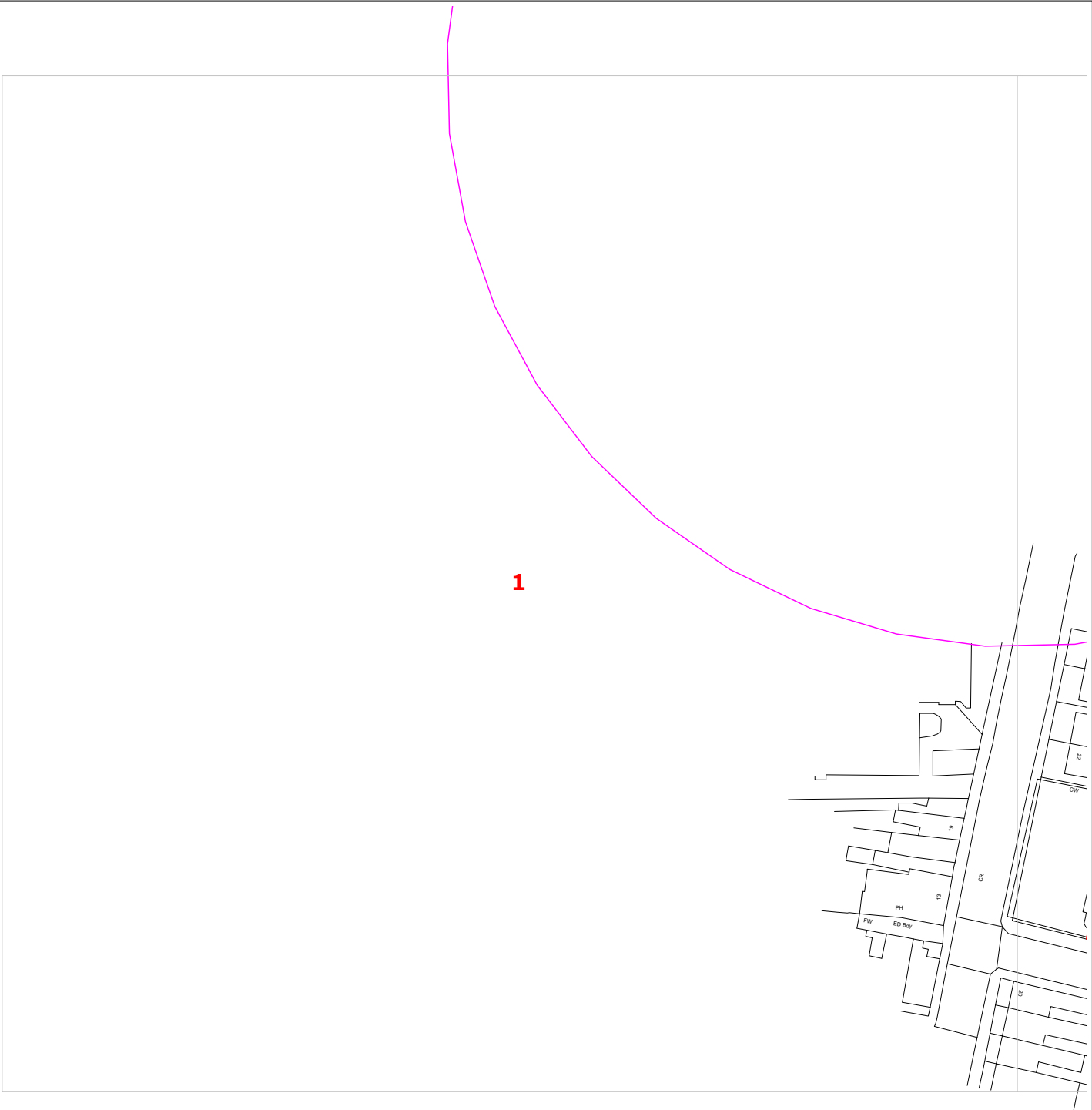
**ESP**  
UTILITIES GROUP

ESP Utilities Group Ltd  
Bluebird House  
Mole Business Park  
Leatherhead  
Surrey  
KT22 7BA  
Phone: 01372 587500  
Email: PlantResponses@espug.com

Dig Sites:

Area  Line 

Approx scale on A4 paper: 1:1000  
(excluding Overview map)



Date Requested: 30/09/2020

Job Reference: 20072731

Your Scheme/Reference: Milford Haven

**Key for Mains & Service Pipework**



Existing LP mains or services operating up to 75 millibar gauge



Existing MP mains or services operating between 75 millibar and 2 bar gauge



Existing IP mains or services operating between 2 bar and 7 bar gauge

Whilst ESP Utilities Group Ltd (ESP) try to ensure the asset information we provide is accurate, the information is provided Without Prejudice and ESP accept no liability for claims arising from any inaccuracy, omissions or errors contained in this response. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to ESP apparatus and all claims made against them by Third parties as a result of any interference or damage.

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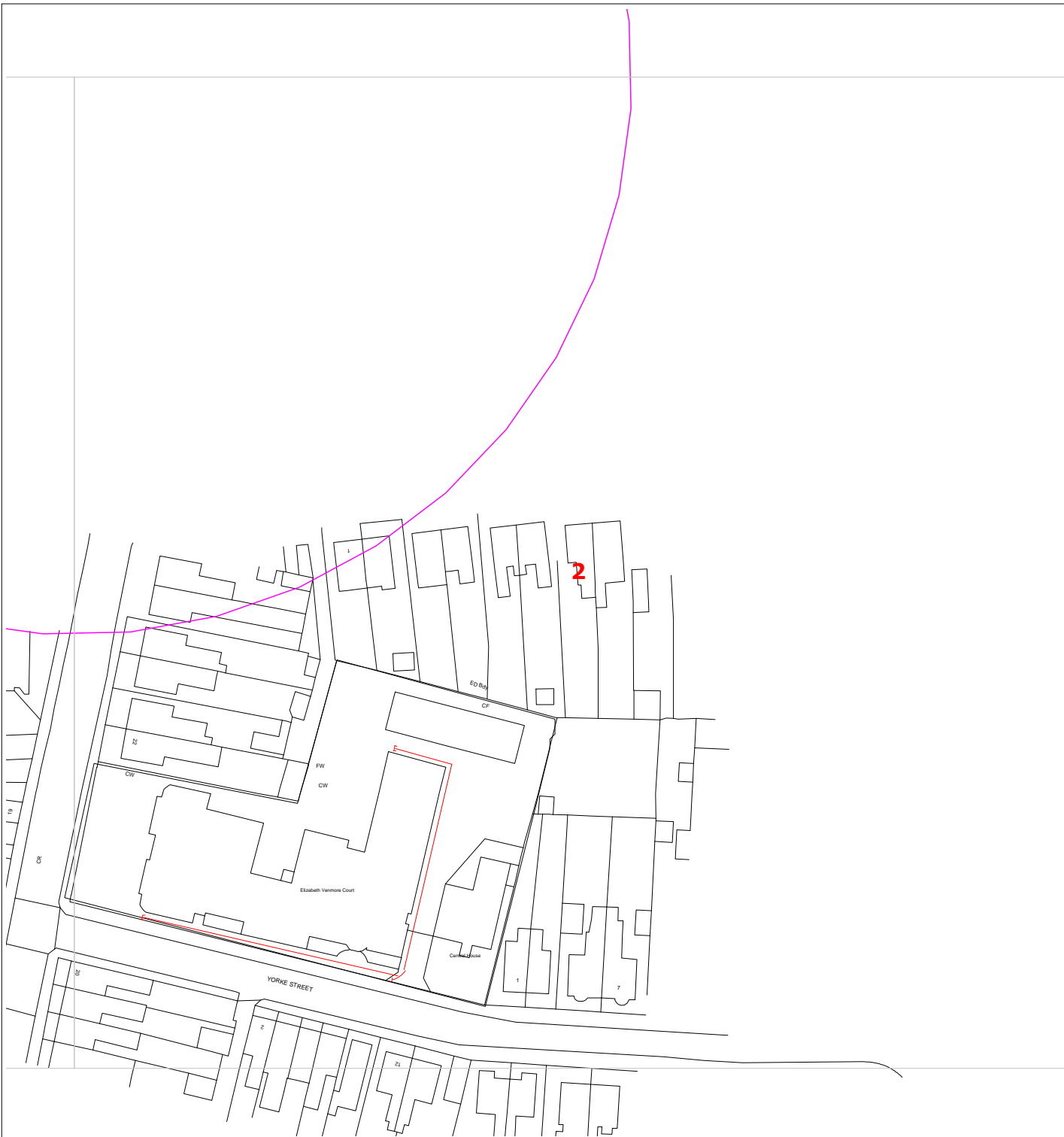


ESP Utilities Group Ltd  
 Bluebird House  
 Mole Business Park  
 Leatherhead  
 Surrey  
 KT22 7BA  
 Phone: 01372 587500  
 Email: PlantResponses@espug.com

Dig Sites:

Area  Line 

Approx scale on A4 paper: 1:1000  
 (excluding Overview map)






Date Requested: 30/09/2020

Job Reference: 20072731

Your Scheme/Reference: Milford Haven

**Key for Mains & Service Pipework**

-  Existing LP mains or services operating up to 75 millibar gauge
-  Existing MP mains or services operating between 75 millibar and 2 bar gauge
-  Existing IP mains or services operating between 2 bar and 7 bar gauge

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**UTILITIES GROUP**

ESP Utilities Group Ltd  
 Bluebird House  
 Mole Business Park  
 Leatherhead  
 Surrey  
 KT22 7BA  
 Phone: 01372 587500  
 Email: PlantResponses@espug.com

Dig Sites:

Area  Line 

Approx scale on A4 paper: 1:1000  
 (excluding Overview map)

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**PRECAUTIONS TO BE TAKEN WHEN CARRYING OUT WORK IN THE VICINITY OF UNDERGROUND GAS PIPES**

**ADVICE TO SITE PERSONNEL**

**MANAGEMENT NOTE**

Please ensure that a copy of this note is read by your site management and to your site operatives.

Early consultation with ESP Utilities Group prior to excavation is recommended to obtain the location of plant and precautions to be taken when working nearby.

This Guidance Note should be read in conjunction with the Health and Safety Executive guidance HSG47 "Avoiding danger from underground services".

---

**Introduction**

Damage to ESP Utilities Group's plant can result in uncontrolled gas escapes which may be dangerous. In addition these occurrences can cause expense, disruption of work and inconvenience to the public.

Various materials are used for gas mains and services. Cast Iron, Ductile Iron, Steel and Plastic pipes are the most widely found. Modern Plastic pipes are either bright yellow or orange in colour.

Cast Iron and Ductile Iron water pipes are very similar in appearance to Cast Iron and Ductile Iron gas pipes and if any Cast Iron or Ductile Iron pipe is uncovered, it should be treated as a gas pipe. ESP Utilities Group do not own any metallic gas pipes but their gas network infrastructures may be connected to Cast Iron, Ductile Iron or Steel pipes owned by Distribution Network Operators.

The following general precautions apply to Intermediate Pressure (2-7barg MOP), Medium Pressure (75mbarg-2barg MOP), Low Pressure (up to 75mbarg MOP) and other gas mains and services likely to be encountered in general site works and are referred to within this document as '**pipes**'.

**Locating Gas Pipes**

It should be assumed when working in urban and residential areas that gas mains and services are likely to be present. On request, ESP Utilities Group will give approximate locations of pipes derived from their records. The records do not normally show the position of service pipes but their probable line can be deducted from the gas meter position. ESP Utilities Group's staff will be pleased to assist in the location of gas plant and provide advice on any precautions that may be required. The records and advice are given in good faith but cannot be guaranteed until hand excavation has taken place. Proprietary pipe and cable locators are available although generally these will not locate plastic pipes.

**Safe working Practices**

**To achieve safe working conditions adjacent to gas plant the following must be observed:**

Observe any specific request made by ESP Utilities Group's staff.

Gas pipes must be located by hand digging before mechanical excavation. Once a gas pipe has been located, mechanical excavation must proceed **with care**. A mechanical excavator must not in any case be used within 0.5 metre of a gas pipe and greater safety distances may be advised by ESP Utilities Group depending on the mains maximum operating pressure (MOP).

Where heavy plant may have to cross the line of a gas pipe during construction work, the number of crossing points should be kept to a minimum. Crossing points should be clearly indicated and crossings at other places along the line of the pipe should be prevented.

Where the pipe is not adequately protected by an existing road, crossing points should be suitably reinforced with sleepers, steel plates or a specially constructed reinforced concrete raft as necessary. ESP Utilities Group staff will advise on the type of reinforcement necessary.

No explosives should be used within 30 metres of any gas pipe without prior consultation with ESP Utilities Group.

**ESP Utilities Group must be consulted prior to carrying out excavation work within 10 metres of any above ground gas installation.**

Where it is proposed to carry out piling or boring within 15 metres of any gas pipe, ESP Utilities Group should be consulted prior to the commencement of the works.

Access to gas plant must be maintained at all times during on site works.

### Proximity of Other Plant

A minimum clearance of 300 millimetres (mm) should be allowed between any plant being installed and an existing gas main to facilitate repair, whether the adjacent plant be parallel to or crossing the gas pipe. No apparatus should be laid over and along the line of a gas pipe irrespective of clearance.

No manhole or chambers shall be built over or around a gas pipe and no work should be carried out which results in a reduction of cover or protection over a pipe, without consultation with ESP Utilities Group.

### Support and Backfill

Where excavation of trenches adjacent to any pipe affects its support, the pipe must be supported to the satisfaction of ESP Utilities Group and must not be used as an anchor or support in any way. In some cases, it may be necessary to divert the gas pipe before work commences.

Where a trench is excavated crossing or parallel to the line of the gas pipe, the backfill should be adequately compacted, particularly beneath the pipe, to prevent any settlement which could subsequently cause damage to the pipe.

In special cases it may be necessary to provide permanent support to the gas pipe, before backfilling and reinstatement is carried out. Backfill material adjacent to gas plant must be selected fine material or sand, containing no stones, bricks or lumps of concrete, etc., placed to a minimum depth of 150mm around the pipes and well compacted by hand. No power compaction should take place until 300mm of selected fine fill has been suitably compacted.

If the road construction is in close proximity to the top of the gas pipe, a "cushion" of selected fine material such as sand must be used to prevent the traffic shock being transmitted to the gas pipe. The road construction depth must not be reduced without permission from the local Highway Authority.

No concrete or other hard material must be placed or left under or adjacent to any Cast Iron pipe as this may cause fracture of the pipe at a later date.

Concrete backfill should not be used closer than 300 mm to the pipe.

### Damage to Coating

Where a gas pipe is coated with special wrapping and this is damaged, even to a minor extent ESP Utilities Group must be notified so that repairs can be made to prevent future corrosion and subsequent leakage.

### Welding or "Hot Works"

When welding or other "hot works" involving naked flames are to be carried out in close proximity to gas plant and the presence of gas is suspected, ESP Utilities Group must be contacted before work commences to check the atmosphere. Even when a gas free atmosphere exists care must be taken when carrying out hot works in close proximity to gas plant in order to ensure that no damage occurs.

Particular care must be taken to avoid damage by heat or naked flame to plastic gas pipes or to the protective coating on other gas pipes.

### Leakage from Gas Mains or Services

If damage or leakage is caused or an escape of gas is smelt or suspected the following action should be taken at once:

- ❖ Remove all personnel from the immediate vicinity of the escape;
- ❖ Contact the National Gas Emergency Service on: **0800 111 999**;
- ❖ Prevent any approach by the public, prohibit smoking, extinguish all naked flames or other source of ignition for at least 15 metres from the leakage;
- ❖ Assist gas personnel, Police or Fire Service as requested.

**REMEMBER - IF IN DOUBT; SEEK ADVICE FROM ESP UTILITIES GROUP.**

**ESP Utilities Group can be contacted at:**

**Office Address:** Bluebird House, Mole Business Park, Leatherhead, Surrey, KT22 7BA

**Office Tel:** 01372 587 500; **Fax:** 01372 377 996



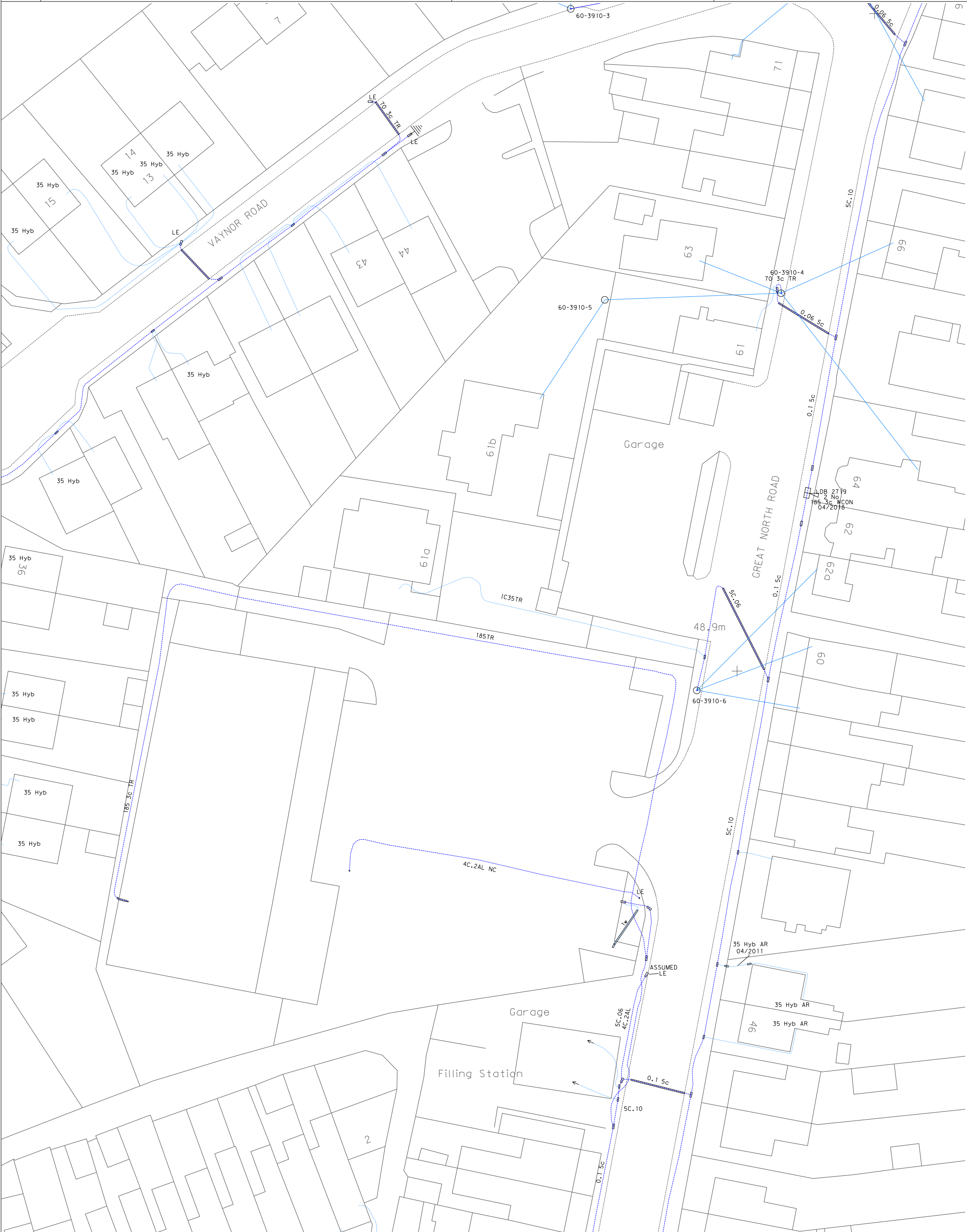




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\* ADVICE SHOULD BE SOUGHT FROM THE WESTERN POWER DISTRIBUTION GENERAL ENQUIRIES (0800 096 3080) FOR ANY WORK THAT IS TO TAKE PLACE IN PROXIMITY TO 132kV UNDERGROUND CABLES AND 132kV OVERHEAD LINES

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 DATE: 30/09/2020  
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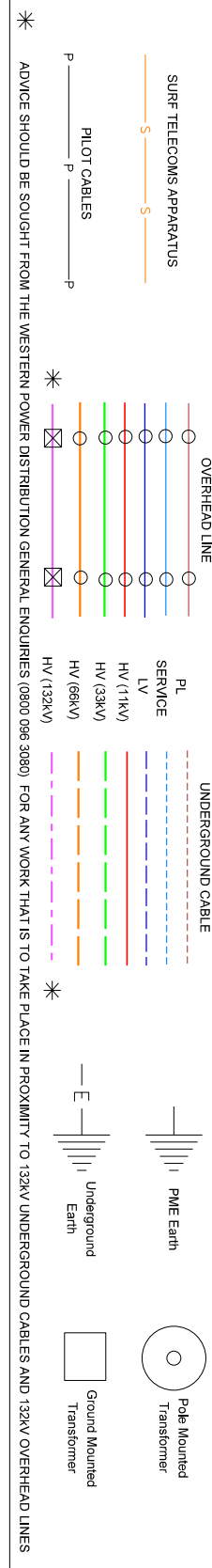
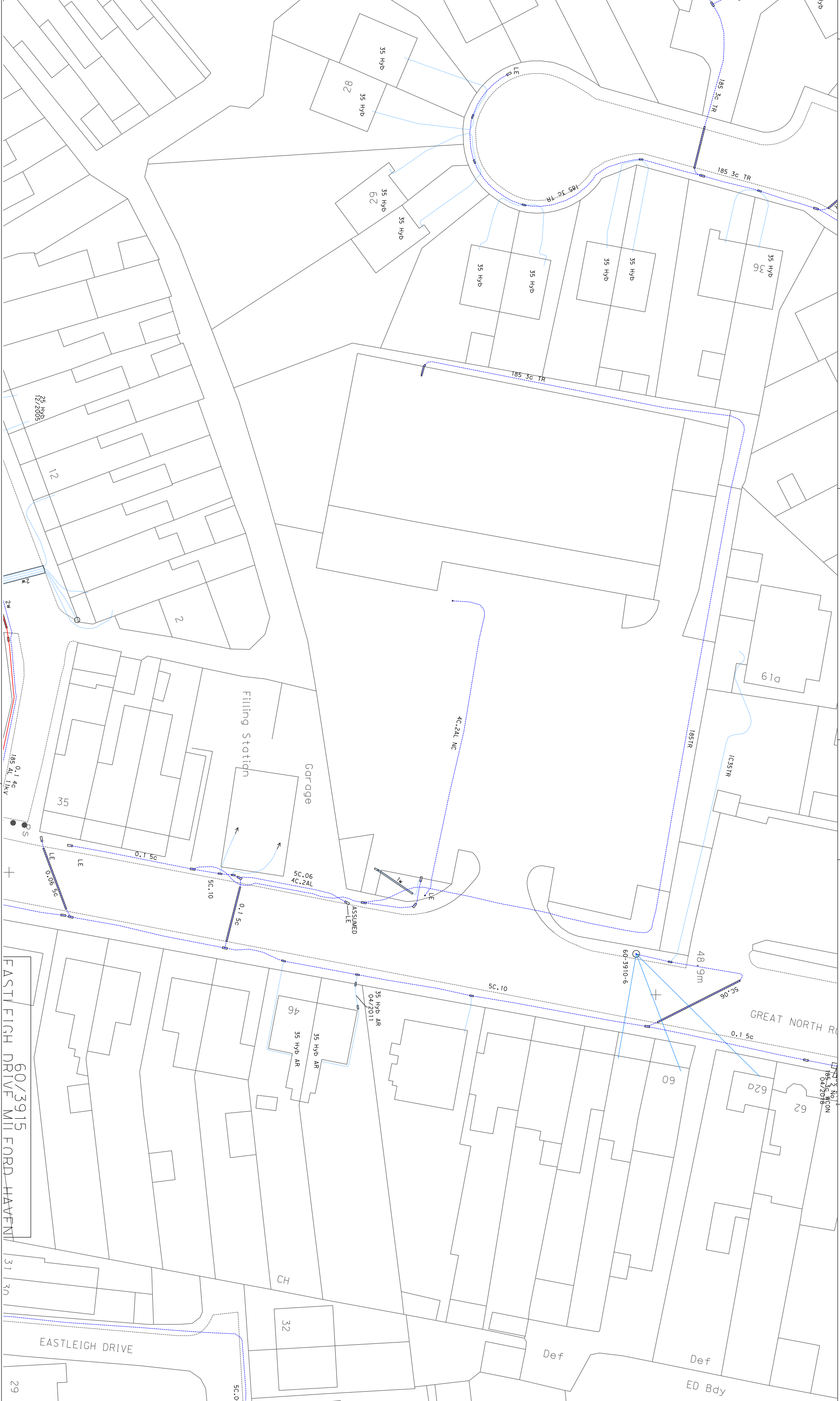


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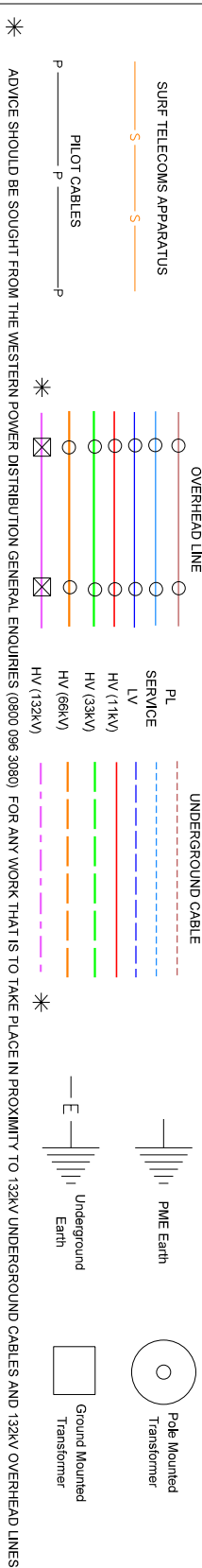
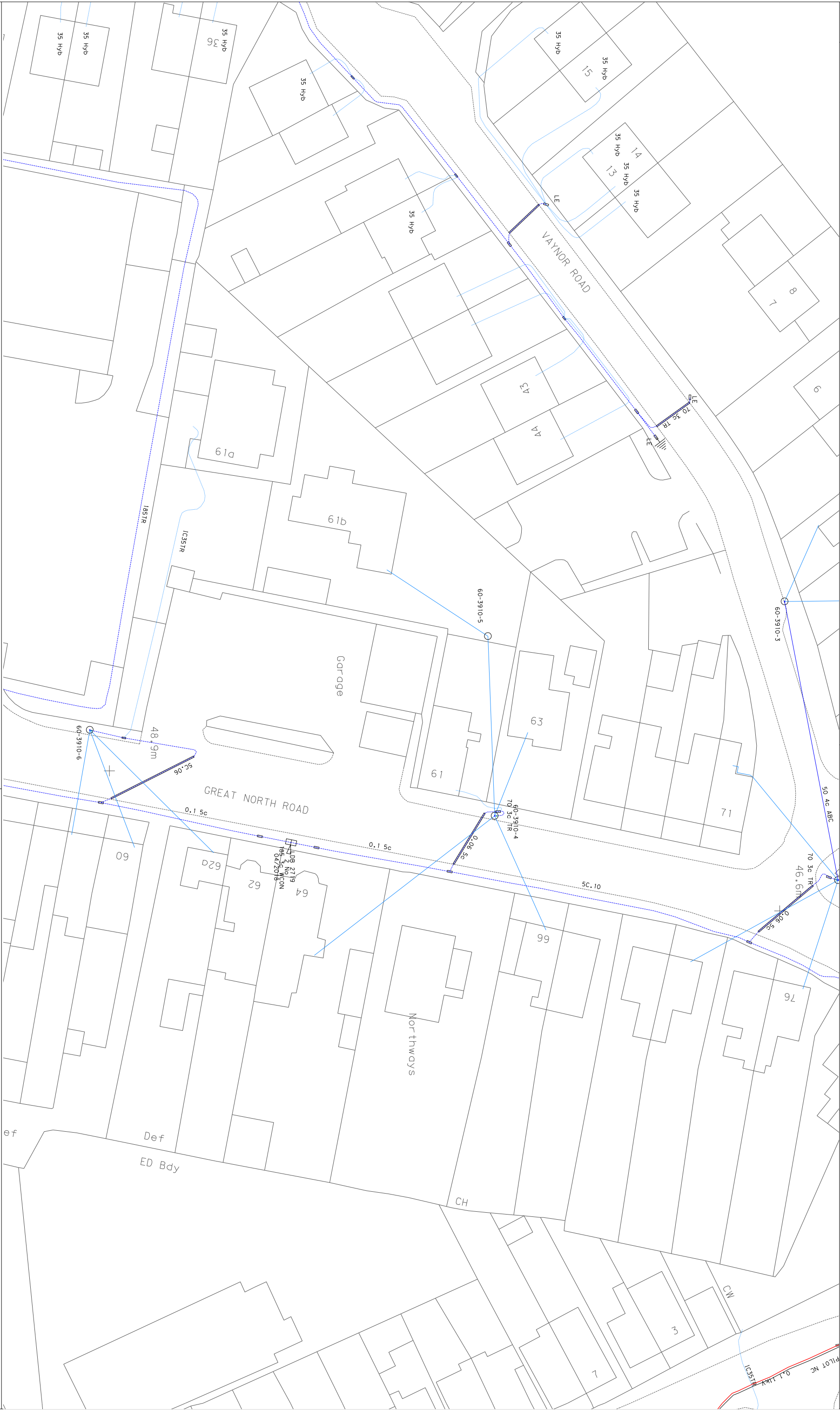


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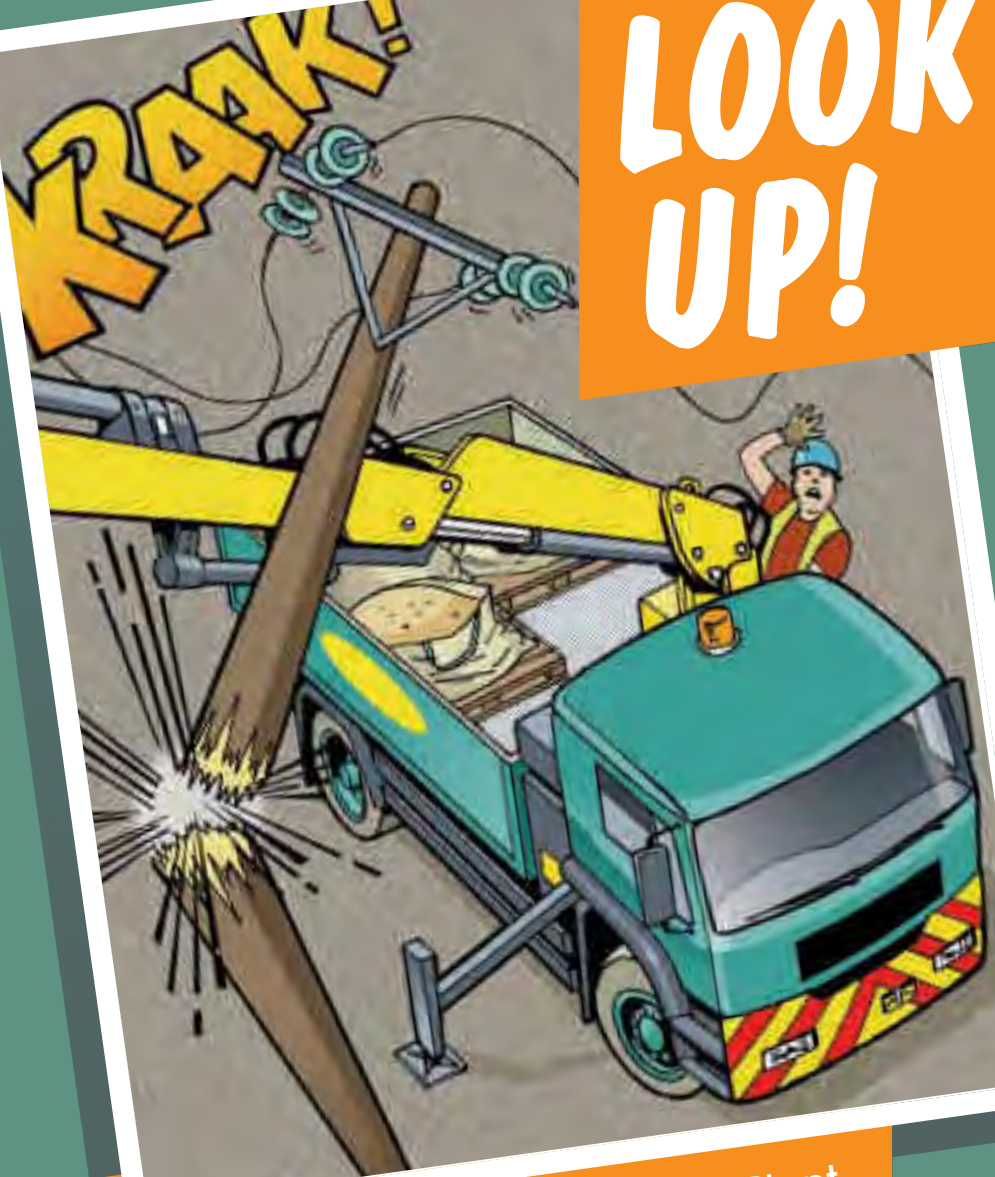
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**WESTERN POWER DISTRIBUTION**  
*Serving the Midlands, South West and Wales*



**LOOK OUT.**

**LOOK UP!**



**A Guide to the Safe Use of Mechanical Plant  
in the Vicinity of Electricity Overhead Lines**

# The Safe Use of Mechanical Plant in the Vicinity of Electricity Overhead Lines

## Introduction

Every year in the UK on average, two people are killed and many more are injured when mechanical plant and machinery comes into contact or close proximity to overhead electricity lines.

This booklet has been produced for anyone who uses mobile plant, (such as Hicabs, MEWPs, Tipper Lorries and Trailers, Grab Lorries, Concrete Conveyors and Excavators) for short duration work and provides general guidance on how to avoid becoming part of these statistics.



## 1 BEFORE STARTING WORK

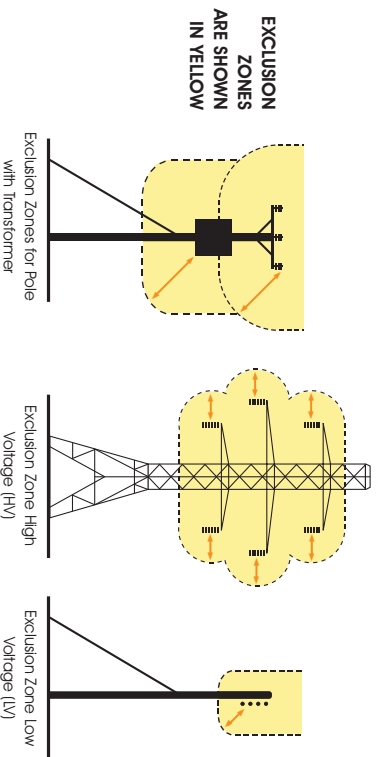
- Overhead lines have the advantage that they can easily be seen, so before you set up your vehicle or plant always:

### STOP AND LOOK UP!

- If you are working at night, or in conditions of poor visibility, you should use spotlights or a torch to carefully check that there are no overhead lines within your vehicle's reach.
- Always assume that our lines are live unless we have informed you otherwise in writing.
- If you are in any doubt about whether the lines in question are power or telephone (this is a very common mistake) – always assume that they are power lines and are live.
- It is not normally practical for electricity companies to shroud high voltage conductors and even when low voltage conductors are shrouded, the shrouding is not designed to protect against contact by mechanical plant – again, always assume the lines are live.

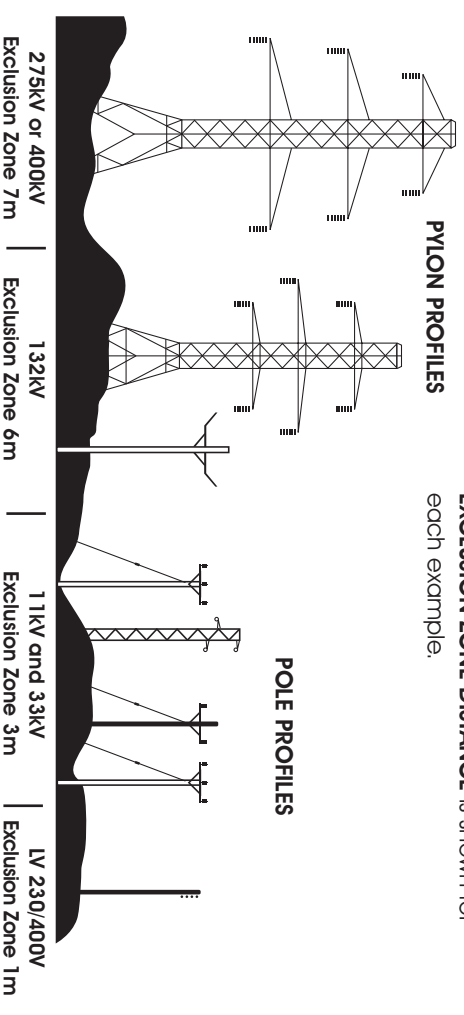
## 2 EXCLUSION ZONES

- Overhead power lines are not normally insulated and so any contact can result in serious or fatal injuries.
- Electricity at high voltages can also jump gaps with no warning whatsoever, so it is also dangerous to let your plant approach too close to a line.
- The distance that electricity can jump depends on the voltage of the line. The higher the voltage, the further you must stay away from the line and any other equipment that may be fitted to the pole or pylon. This distance is called the **EXCLUSION ZONE**. Examples of this are shown highlighted in the diagram below.



- You must not allow any part of your plant to enter the **EXCLUSION ZONE**.

- The diagram below shows typical types of overhead lines and provides a guide to help you assess the line voltage of lines on wooden poles or steel pylons. The minimum **EXCLUSION ZONE DISTANCE** is shown for each example.



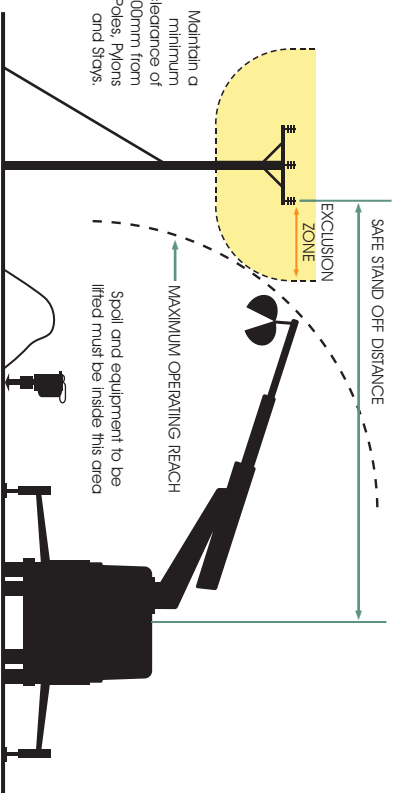
- Please note that these are absolute minimum distances that should under no circumstances be infringed. **If you do – it could prove fatal.**



- As well as staying away from the lines or equipment, you should also stay at least 600mm away from any part of poles, pylons and stay wires.
- Please remember that is for guidance only, and if you are in any doubt, please call us for advice before setting up your plant or starting work.

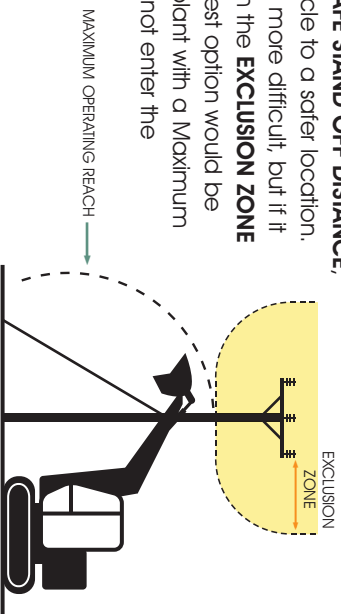
### 3 STAND OFF DISTANCES

- If there are power lines in the vicinity of your work the best way to make sure you stay out of the **EXCLUSION ZONE** is to position your vehicle at a **SAFE STAND OFF DISTANCE** so that, even when fully extended, no part of it can accidentally reach inside the **EXCLUSION ZONE**.
- This **SAFE STAND OFF DISTANCE** can be calculated by adding the **EXCLUSION ZONE** distance for the appropriate voltage of the line to the Maximum Operating Reach of your vehicle. This is shown in the diagram below.



- If you position your vehicle outside of the **SAFE STAND OFF DISTANCE**, there is no risk of accidental contact with the lines and no danger of electricity jumping from the line to your vehicle.

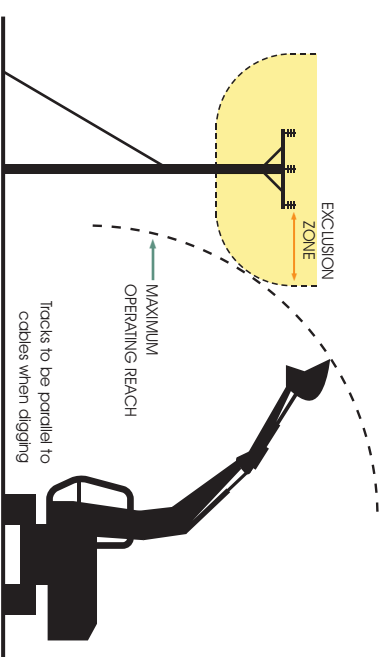
- If you cannot achieve a **SAFE STAND OFF DISTANCE**, consider moving your vehicle to a safer location. It may make your job a bit more difficult, but if it means you stay away from the **EXCLUSION ZONE** - it will be safer. The next best option would be to consider using smaller plant with a Maximum Operating Reach that cannot enter the **EXCLUSION ZONE**.



- You may not be able to achieve either of these options, so, as a last resort, if you cannot avoid operating large items of plant in the vicinity of lines, you **MUST** make sure that the plant is fitted with restraints to ensure that the **EXCLUSION ZONE** cannot be entered. These restraints may be electrical or hydraulic systems fitted to the plant, or mechanical devices such as chains.

Please seek advice from the plant manufacturer for more information on choices available for your particular item of plant:

- If you are using a mechanical excavator to dig parallel to the line, it is good practice to position the excavator with the tracks or wheels parallel to the line, so as you move along the excavation the **SAFE STAND OFF DISTANCE** is easily maintained.



- Care must also be taken to avoid non-mechanical equipment, (e.g. scaffold poles, ladders and long loads such as lengths of steel or timber) from entering the **EXCLUSION ZONE**.
- Always maintain at least 600mm clearance from your plant to any of our poles, stay wires or pylons. Any contact with these by your plant could cause the line to break and fall to the ground.

### 4 EMERGENCY PROCEDURES

**If contact is made with an overhead line**, you must immediately clear the area and suspend all work within 50m of the damage because the line could still be live, or become live again.

The operator of a machine that is in contact with an overhead line should take the following steps:

- **If the machine is still operable:**
  - lower any raised parts that are controlled from the driving position and/or drive the vehicle clear of the line, as long as neither of these actions risk breaking the line or dragging it to the ground.

● **If the machine is not operable or cannot be driven clear of the line:**

- stay in the ccb.
- contact your site manager or us immediately by radio or mobile phone or as soon as possible by any other method.
- instruct everyone outside the vehicle not to approach it.
- do not exit the ccb until given confirmation BY WPD PERSONNEL that it is safe to do so.

● **If the machine is inoperable or cannot be driven free and there is risk of fire or other immediate hazard:**

- jump clear of the vehicle, avoiding simultaneous contact with any part of the machine and the ground.
- try to land with your feet as close together as possible.
- where possible, continue to move away from the vehicle using “bunny hops” with your feet together until at least 15m from the vehicle.
- instruct other people in the vicinity not to approach the vehicle.
- do not return to the vehicle until given confirmation BY WPD PERSONNEL that it is safe to do so.

**Whatever the circumstances please contact us on our emergency number immediately and tell us what has happened.**

Please be ready to provide us with a contact telephone number and an accurate location or set of directions – this will help us in getting our staff to site quickly to minimise any danger and to reduce any disruption to your work.

Our emergency number is:

**105 OR 0800 6783 105**

Please report any damage or contact no matter how minor they may seem to you at the time. Whilst the damage may not cause a serious problem at the time of contact it could fail later, causing danger to our staff and members of the public, disruption to our customer’s supplies, and – if we trace the damage back to you – a larger repair bill!

**5 MORE INFORMATION**

- Proximity Warning Systems (such as Wire Watcher – see [wrewatcher.co.uk](http://wrewatcher.co.uk) for information) may be fitted to your vehicle. Never turn these devices off or disable them in any way.
- Take note of any warnings these proximity warning systems may provide but do not use the presence of such devices as a reason not to follow the advice provided in this leaflet.
- For your information, we are legally obliged to report all contact with our system to the Department of Trade and Industry (DTI), and, if you are an employer, you may be obliged to report incidents involving your staff or contractors to the Health & Safety Executive (HSE). Even if no one is hurt, you could still find yourself being prosecuted for causing a dangerous occurrence.

**6 FURTHER READING**

For advice related to signing and guarding at longer term work sites please also refer to WPD booklet “Avoidance of Danger from Electricity Overhead Lines and Underground Cables” More detailed information is also published in the following documents available from the HSE.

**GS6 – Avoidance of Danger from Overhead Lines.**

**HS(G) 47 – Avoiding Danger from Underground Services.**

Along with Forestry Industry Safety Accord (FISA) publication **FSA 804 - Electricity at Work: Forestry.**

If you require more site-specific information relating to our equipment at your location please contact us on the relevant **GENERAL ENQUIRIES NUMBER**.

**0800 096 3080**

**FINALLY...** Please, always remember that electricity overhead lines can be very dangerous – **the general rule is STAY AWAY and STAY SAFE!**

# **For the Safe Use of Mechanical Plant in the Vicinity of Electricity Overhead Lines ALWAYS FOLLOW THESE SIMPLE RULES – THEY COULD SAVE YOUR LIFE!**

- **Treat all overhead lines as live and dangerous**
- **Any contact may be fatal or cause very serious injuries**
- **Electricity can jump gaps**
- **Before you set up or use plant near to lines – STOP and LOOK UP**
- **Take special care and use lights in the dark or poor light conditions**
- **If there are lines in the vicinity of your work – stay well away**
- **Set up your plant with care to reduce the chance of contact**
- **If you are unsure or need advice**
  - please ask us before starting work

Our emergency number is: **105 or 0800 6783 105**

You can also call 105 if you spot damage to electricity power lines, poles and substations which could put you or someone else in danger.

If there's a serious immediate risk, you should also call the emergency services.

This booklet is issued by the Safety Team: [wpdsafetyhelpline@westernpower.co.uk](mailto:wpdsafetyhelpline@westernpower.co.uk)



Western Power Distribution (East Midlands) plc. Registered in England and Wales No. 2366923  
Western Power Distribution (West Midlands) plc. Registered in England and Wales No. 3600574  
Western Power Distribution (South Wales) plc. Registered in England and Wales No. 2366985  
Western Power Distribution (South West) plc. Registered in England and Wales No. 2366894  
Registered Office: Avonbank, Feeder Road, Bristol BS2 0TB





# 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

			Change Of State	+	Hatchings	
	<i>Planned</i>	<i>Live</i>	Split Coupling	×	Built	
PCP			Duct Tee	▲	Planned	
Pole			Building		Inferred	
Box			Kiosk		Duct	
Manhole			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.			
Cabinet						
	<i>Pending Add</i>	<i>In Place</i>	<i>Pending Remove</i>	<i>Not In Use</i>		
Power Cable						
Power Duct				N/A		

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BT Ref : MWZ12434E  
Map Reference : (centre) SM9086606161  
Easting/Northing : (centre) 190866,206161  
Issued : 30/09/2020 12:44:11

**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



## 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**

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	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	×	Built	
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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 : BHY12442A  
Map Reference : (centre) SM9086606161  
Easting/Northing : (centre) 190866,206161  
Issued : 30/09/2020 12:44:23

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





# Identifying our equipment



If you're planning or building a new development, working on a regeneration project or undertaking roadworks it's likely that you'll come across some of our network infrastructure.

This guide includes images and descriptions of the most common types of equipment (past and present) to help you identify what's on your site so we can best advise you if you need anything moved or removed.

If you're not sure, please contact us – ideally sending a photo of the plant on your site – before you start work.



## Poles and attachments

There are currently three materials used for poles: wood, steel and fibreglass.

Wooden poles vary in length from 7 to 15m depending on the span the lines need to cover.

There are two types of pole in use:

- **Radial Distribution Poles:** typically to serve a number of properties in a street
- **Carrier Poles:** typically found in more rural locations, these are often used to provide an overhead route from A to B.



### Pole markings



**Owner of the pole** – In this case BT. Older poles may also be marked as GPO or PO

**Pole length and class (light, medium or stout)**  
– 10L = 10m light

**Year of preservation** – 97

**Supplier marker and type of wood** – 2I  
= supplier 2 and Imported (I)



The punch hole sign is a testing cycle sign. This label is for internal Openreach use.

The pole reference number:

**Distribution Pole** – The letters DP, plus a number, in this case 19.

**Carrier Pole** – No letters, just a number will be shown.

You may also see square metal labels with a letter on a pole, i.e. C, D, H, SD and Z. These indicate the status of the pole to a visiting engineer.

## Street covers and cabinets

Street covers and cabinets ( PCP ) have changed over the years, from cast iron to fibreglass to pressed steel. Sizes vary and all are made in single door versions. The most common examples are:



## How to spot one of our cabinets: keys and markings

Openreach and Virgin Media both have street cabinets and they look quite similar. Often the only difference is the type of key needed to open them. Openreach cabinets have a triangular or star shaped insert, while Virgin Media use conventional keys (see below).



All Openreach cabinets, frames and covers, are marked to show who owns them. Examples of these markings and the materials cabinets are made of are shown below.

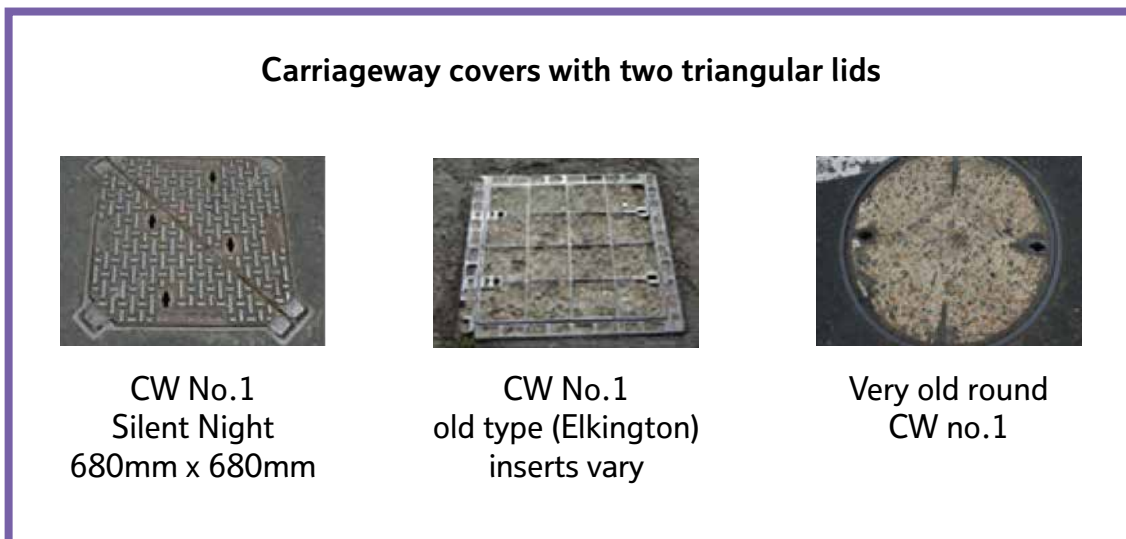


## Carriageway covers

These boxes generally contain small customer connections. The old type of covers were made of concrete with a concrete lid while current covers are made of fibreglass and have a steel lid.

There are generally two types of carriageway covers. Those with a T-shaped key, the Silent Night, and those with a D-shaped key, the Elkington. Both types were supplied in all sizes and while the design varied slightly all have ownership markings on them.

All sizes are approximate.



**Carriageway covers with four triangular lids**



CW No.2 Silent Night  
1220mm x 680mm



CW No.2 old type  
(Elkington)

**Carriageway covers with six triangular lids**



CW No.3 current type



CW No.3 Silent Night type



CW No.3 Elkington type



## Footway covers

Footway covers come in six basic sizes: small, medium, large, square, twin and triple, although there are size variants within some types. All sizes are approximate.

### Small covers

These lids cover boxes which generally contain small customer connections. Previously the boxes and lids were made of concrete, but the current footway boxes are made of fibreglass and have steel lids.



JB21 31x41cm



JB22 41x61cm



JB23 28x50cm

### Medium covers

There is only one size of cover in this category. This lid can be found on a fibreglass preformed box, JB26, as well as a concrete/brick chamber, JF2. As with the JB 23 small footway box above the JB26 will have a thin white edge around the cover while the JF2 has a fillet.



Old style cast iron and  
concrete 38x80cm



JF2/JB26  
34x80cm

### Large covers

Along with the twin, this is probably the most common footway type in the network. Originally the covers were made of cast iron and concrete but now they're just made of concrete.



JF4 current type 55x100cm



JF4 old type 55x100cm

## Square covers

These covers are placed over manholes and are found in the footways and verges.



JF5 70x70cm



JF5 old type 70x70cm

## Twin covers

This cover shown in the section is probably the most common footway type in our network. Originally the cover was made of cast iron and concrete but now they're just made of concrete. You can see variations to the inserts and markings below.



JF6  
70x140cm



JF6 old cast and concrete  
type 70x140cm

## Triple covers

The two sizes of triple lid covers are shown here.



JF10 80x240cm



JF11 80x140cm

## Inserts and markings

In this section you can see examples of the markings that you would expect to find on our equipment.

### Footway

Examples of the current JF4 and JF5 inserts are shown below. The number '4' or '5' shown on the right hand side of the insert identifies the type. The letters 'DW' shown on the top right hand corner of the JF5 box indicate that this is a drive way lid built to stand further loading.



JF4



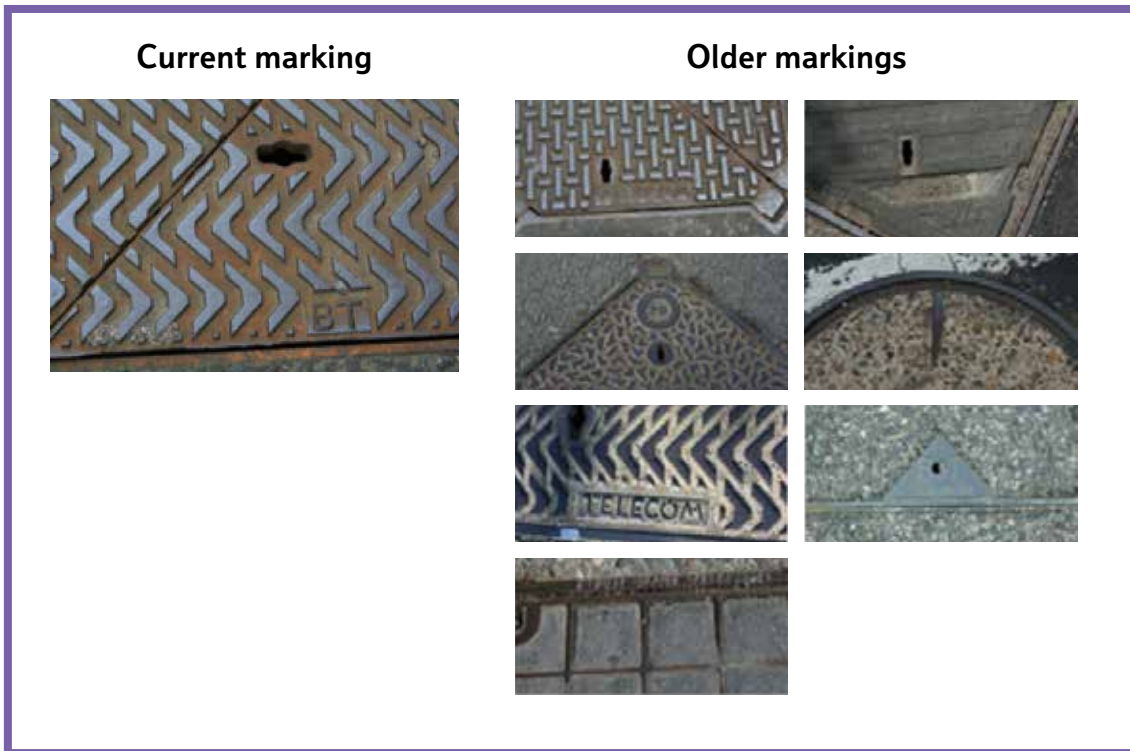
JF5

The following examples show the changes undertaken from GPO to BT.



## Carriageway

The current marking is shown below, with some of the older versions beneath.



## Non-standard plant

Some locations have used bespoke cover infills which improve the aesthetics of the area, enhance paving designs or accommodate high tactile surfacing. The scope of these type of covers is endless.

Maintenance for these covers may not reside with Openreach as often the responsibility remains with the Authority.

A small selection of non-standard footway and carriageway covers are shown below.



FW No.4



CW No.3 insert type



FW No.6



Detail of legend built into frame



National Telephone  
Company Limited



**Disclaimer**

This document contains information intended to help you to identify Openreach equipment on your site and is provided for information purposes only. Whilst Openreach makes every effort to ensure that the information contained in this document is accurate, Openreach does not represent that it is complete. The contents of this pack cannot be copied or reproduced in whole or in part without the written consent of British Telecommunications plc, through its division, Openreach.

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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,

**Gareth Milne**

Distribution Administrator



**Worksite Survey | Asset Information Services**

National Records Centre | Audax Road | York YO30 4US

T: 01904 386353 | E: [gareth.milne@networkrail.co.uk](mailto:gareth.milne@networkrail.co.uk)

W: [www.networkrail.co.uk](http://www.networkrail.co.uk)



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Dear Customer

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

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

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

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

Kind regards

Liam Morris

Environment Agency

# UNEXPLODED BOMB RISK MAP



## SITE LOCATION

Location: SA73 2NA,  
Map Centre: 190926,206165



## LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.

- military
- industry
- UXO find
- transport
- dock
- Luftwaffe targets
- utilities
- Bombing decoy
- other

### How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment\* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment\* is necessary.

### What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

**Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.**

### If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

### If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

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It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

\*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

## Communications (None Affected)

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## Enquirer

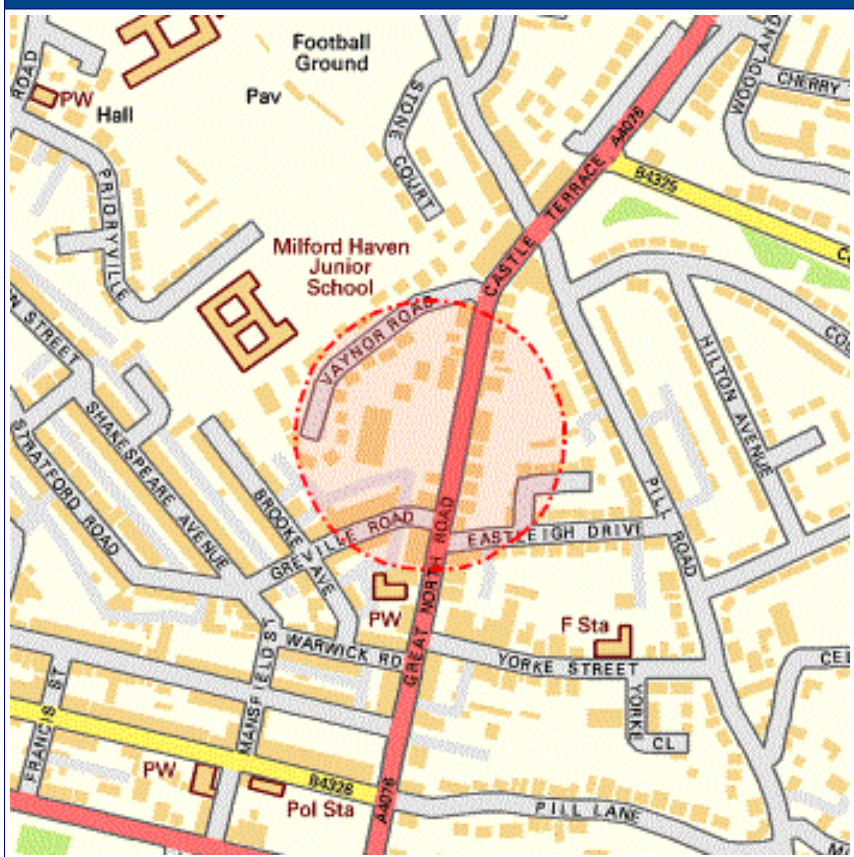
Name		Phone	
Company		Mobile	Not Supplied
Address			
Email			

## Enquiry Details

Scheme/Reference	Milford Haven		
Enquiry type	Planned Works	Work category	Utility Works
Start date	01/10/2020	Work type	Multiple excavations site
End date	08/10/2020	Site size	225 metres diameter
Searched location	XY= 190866, 206161	Work type buffer*	25 metres
Confirmed location	190881 206145		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works			

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

## Site Map



## 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
ESP Utilities Group	01372227560	01372227560	Await response
Wales and West Utilities	02920278912	0800111999	Await response
Western Power Distribution	08000963080	08006783105	Await response

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

### List of not affected LSBUD members

AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
BP Exploration Operating Company Limited	BPA	Carrington Gas Pipeline
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
Chrysaor Production (UK) Limited	CLH Pipeline System Ltd	CNG Services Ltd
Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd	Diamond Transmission Corporation
DIO (MOD Abandoned Pipelines)	DIO (MOD Live 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
ESSAR	Esso Petroleum Company Limited	Fulcrum Pipelines Limited
Gamma	Gas Networks Ireland (UK)	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	NYnet Ltd	Oikos Storage Limited
Ørsted	Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos
Phillips 66	Portsmouth Water	Premier Transmission Ltd (SNIP)
Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)
SABIC UK Petrochemicals	Scottish and Southern Electricity Networks	Scottish Power Generation
Seabank Power Ltd	SES Water	SGN
Shell	Shell NOP	SSE (Peterhead Power Station)
SSE Enterprise Telecoms	SSE Generation Ltd	SSE Utility Solutions Limited
Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)	Total Finaline Pipelines
Transmission Capital	UK Power Networks	Uniper UK Ltd

The following Non-LSBUD Members may have assets in your search area. It is YOUR RESPONSIBILITY to contact them before proceeding. Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.

### Non-LSBUD members (Asset owners not registered on LSBUD)

Asset Owner	Preferred contact method	Phone	Status
BT	<a href="https://www.swns.bt.com/pls/mbe/welcome.home">https://www.swns.bt.com/pls/mbe/welcome.home</a>	08000232023	Not Notified
CenturyLink Communications UK Limited	plantenquiries@instalcom.co.uk	02087314613	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified
Colt	plantenquiries@catelecomuk.com	01227768427	Not Notified
Dwr Cymru Welsh Water	ndcenquiries@dwrcymru.com	0800 917 2652	Not Notified
Energetics Electricity	plantenquiries@lastmile-uk.com	01698404646	Not Notified
ENGIE	nrsua.uk@engie.com	01293 549944	Not Notified
GTC	<a href="https://pe.gtc-uk.co.uk/PlantEnqMembership">https://pe.gtc-uk.co.uk/PlantEnqMembership</a>	01359240363	Not Notified
KPN (c-/Instalcom)	kpn.plantenquiries@instalcom.co.uk	n/a	Not Notified
Mobile Broadband Network Limited	mbnlplantenquiries@turntown.com	01212 621 100	Not Notified
Sota	SOTA.plantenquiries@instalcom.co.uk		Not Notified
Utility assets Ltd	assetrecords@utilityassets.co.uk		Not Notified
Verizon Business	osp-team@uk.verizonbusiness.com	01293611736	Not Notified
Virgin Media	<a href="http://www.digdat.co.uk">http://www.digdat.co.uk</a>	08708883116	Not Notified

#### Disclaimer

Please refer to LineSearchbeforeUdig's Terms of Use for full terms of use available at [www.lineSearchbeforeUdig.co.uk](http://www.lineSearchbeforeUdig.co.uk)

The results of this Enquiry are personal to the Enquirer and shall not be shared with or relied upon by any other party. The asset information on which the Enquiry results are based has been provided by LSBUD Members, therefore LineSearchbeforeUdig will provide no guarantee that such information is accurate or reliable nor does it monitor such asset information for accuracy and reliability going forward. There may also be asset owners which do not participate in the enquiry service operated by LineSearchbeforeUdig, including but not exclusively those set out above. Therefore, LineSearchbeforeUdig cannot make any representation or give any guarantee or warranty as to the completeness of the information contained in the enquiry results or accept any responsibility for the accuracy of the mapping images used. LineSearchbeforeUdig and its employees, agents and consultants accept no liability (save that nothing in this Enquiry Confirmation excludes or limits our liability for death or personal injury arising from our negligence, or our fraud or fraudulent misrepresentation, or any other liability that cannot be excluded or limited by English law) arising in respect thereof or in any other way for errors or omissions including responsibility to any person by reason of negligence.

Dear Sir/Madam,

Thank you for your enquiry for the above reference.

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

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

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

Kind regards,

**Plant Enquiry Team**





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>



Dear Sir or Madam,

Thank you for your plant enquiry below.

We can confirm that 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>







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

Hi, thanks for the advance notice however I can confirm on this occasion we have NO apparatus in the vicinity of the proposed works. (Gtt formerly Hibernia Networks). We are now a member of LSBUD, for all future requests please contact LSBUD directly.

***Regards***

**Owen Maguire**

Networks Operations Manager NI  
office: +44 (0) 28 70380028 | mobile: +44 754-553-2224

[www.gtt.net](http://www.gtt.net)





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Date: 30/09/20


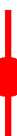

Scale: 1:2107

Map Centre: 190866.206161

Data updated: 03/08/20

Telecoms Plan A4

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

	Duct, Trench
	Chamber
	Cabinet

utilityresearch@outlook.com



Dear Sir/Madam

Verizon is a licensed Statutory Undertaker.

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

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

Yours faithfully

Plant Protection Officer (GB) Email [osp-team@uk.verizon.com](mailto:osp-team@uk.verizon.com)

Dear Sir/Madam,

Please note that KCOM only own apparatus within the Public Highway in East Yorkshire and Lincolnshire.

Apparatus in the Public Highway, which was previously owned by KCOM outside of East Yorkshire and Lincolnshire, is now owned by City Fibre.

All future Plant enquiries or NRSWA C2, C3 or C4 Inquiries, regarding this apparatus outside of East Yorkshire and Lincolnshire, should be directed to City Fibre not KCOM.

Please forward your enquiry to [asset.team@cityfibre.com](mailto:asset.team@cityfibre.com)

PLEASE NOTE THIS EMAIL HAS NOT BEEN FORWARDED

Regards

**Jarod Gillespie**

*Apprentice Planning and Design Consultant – Field Engineering*

*Tel: +44 (0)3316 646302*

*Mob: +44 (0)7484 032622*

*Email: [jarod.gillespie@kcom.com](mailto:jarod.gillespie@kcom.com)*

*Web: [www.kcom.com](http://www.kcom.com)*

**KCOM**



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

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

euNetworks Fiber UK Limited do not have plant in the vicinity of your proposed works and no strategic additions to our existing network are envisaged in the immediate future.

This information is only valid for a period of 3 months so, if your start date is 3 months or more from the date of this email, please re-apply for updated information at our generic email address: [plantenquiries@psgservices.co.uk](mailto:plantenquiries@psgservices.co.uk).

Kind regards

**ALL PLANT ENQUIRIES AND DIVERSIONARY REQUESTS SHOULD BE ADDRESSED BY EMAIL TO THE OPERATIONS**

**TEAM AT [plantenquiries@psgservices.co.uk](mailto:plantenquiries@psgservices.co.uk) , WITH A PLAN AND FULL POSTAL ADDRESS OF YOUR ENQUIRY,**

**THANK YOU**



For and on behalf of euNetwork Fiber UK Limited

Regards

Stuart Green

**M** 07796 696810 | **T** 01257 433166 | **E** [plantenquiries@psgservices.co.uk](mailto:plantenquiries@psgservices.co.uk)



Telecommunications Survey, Planning, Engineering & GIS Services

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Good Morning,

I can confirm there are no assets in the area.

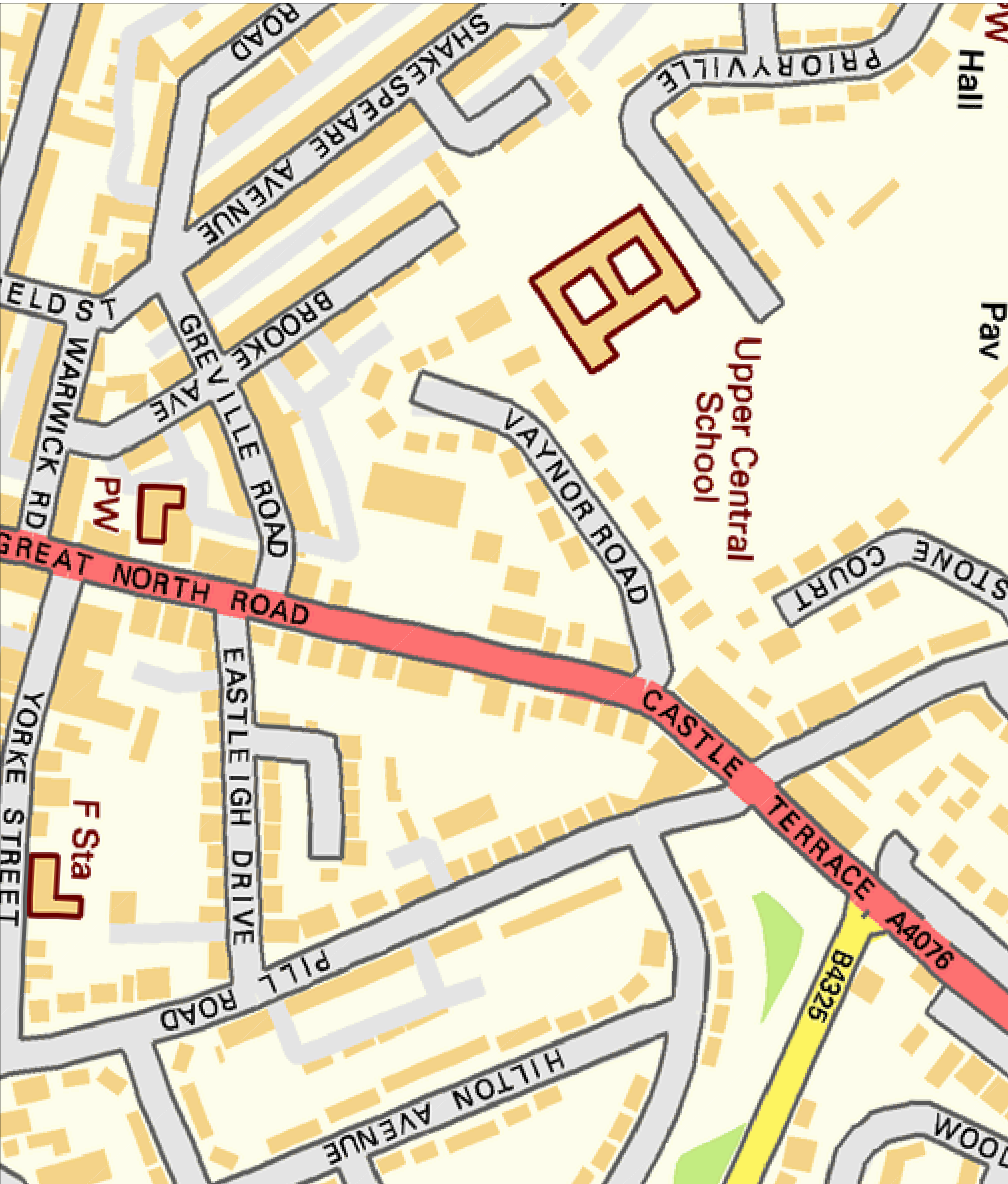
Kind Regards

Claire Phillips

Distribution Administration Assistant

0844 800 1813





bimap\_layout\_select\_raster

### LEGEND

- EXISTING PLANT
- EXISTING PLANT

bimap\_layout\_select\_raster

<p>Head Office Cityfibre Holdings Ltd 15 Bedford Street, London WC2E 9HE</p>	<p>Asset Office Cityfibre Holdings Ltd, Rutherford House, Birchwood, Warrington, WA3 6ZH</p>
<p>Tel: 0945 298 0774 Web: <a href="http://www.cityfibre.com">www.cityfibre.com</a></p>	<p>Email: <a href="mailto:asset.team@cityfibre.com">asset.team@cityfibre.com</a></p>

**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:	Date: 30/09/2020
smallworld	
Drawing No.	Revision
CFH_EP_000001	001

Scale: 1:2500

A4





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>



Dear Sir/Madam

Turner & Townsend Project Management are appointed on behalf of MBNL to conduct Plant (apparatus) Searches in accordance with the relevant NRSWA Act 1991- Diversionary Works legislation. These searches considered plant belonging to EE (T-Mobile and Orange sites) and the HG3 mobile telecommunication networks.

Further to your plant enquiry please see the response below to the NRSWA request submitted.

MBNL do not have any plant that would be affected by the proposed work please see attached. Should you have any further queries please use the contact details below.

PS: Please can you send all future Plant enquiries for EE or H3G to this email address [mbnlplantenquiries@turntown.com](mailto:mbnlplantenquiries@turntown.com)

Thank you,

Kind regards,

**MBNL SHQE Team**

**Turner & Townsend**

t: 0121 262 3663 | [www.turnerandtowntsend.com](http://www.turnerandtowntsend.com)



*To whom it may concern*

*With regard to your request for details of existing services in the specified area;*

*We can confirm that, based on the details provided to us, we have no buried plant or equipment in the identified area.*

**ENGIE Document Control**

Urban Energy

UK & Ireland

[NRSWA.UK@engie.com](mailto:NRSWA.UK@engie.com)

Cofely GDF SUEZ is now ENGIE



---

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

Kings Yard,  
1 Waterden Road,  
Queen Elizabeth Olympic Park  
London E15 2GP - UK

Please consider the environment before printing this message

A horizontal bar composed of several small, colored rectangular segments in the order: blue, green, yellow, red, blue, green, red, yellow, blue, green, red, yellow, blue, green, red, yellow, blue, green, red, yellow.



Thank you for your correspondence enclosing details of your proposals as per your reference below.

Our client's apparatus, Teliasonera, is not located within the vicinity of the above reference and we therefore have no further interest in this current location.

Please note that all enquiries relating to the Teliasonera line plant should be forwarded to:

By post – to,           telent,  
                                  Teliasonera line plant enquiries,  
                                  Mayne House,  
                                  Fenton Way,  
                                  Basildon,  
                                  Essex  
                                  SS15 6TD

By email - to,           [telenttelia.plantenquiries@telent.com](mailto:telenttelia.plantenquiries@telent.com)

By phone – to,         01268 269096

Yours faithfully

Telent CCO

Basildon



Dear Sir,

Our records show we have no equipment at this location.

Linda

**Linda Francomb Delivery Administrator**

**Clear Channel United Kingdom** Unit 9, Newtons Court, Galleon Boulevard, Crossways Business Park Park, Dartford, Kent DA2 6QL

D 0044 1322 620 707

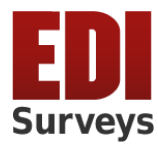
M N/A



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### **Disclaimer**

This record pack has been compiled from information provided by Statutory Utility Providers.  
Whilst every effort has been made to ensure the accuracy  
And completeness of information included within this report,



take no responsibility for erroneous or missing historic record data which has been supplied  
To us from a utility provider. Due to the nature of record Information being indicative rather  
than accurate it is advisable for a full site utility survey to be undertaken  
prior to any groundwork's or construction.

163 Ranelagh Road, Ipswich, Suffolk, IP2 0AH

T: 01473 211222 E: [enquiries@edisurveys.co.uk](mailto:enquiries@edisurveys.co.uk)

