

September: 2019



**Specialists in Land & Utility Surveys**



# Site Location



Grid Reference

**SX 24985 64394**

Grid Reference (6 figure)

**SX249643**

X (Easting):

**224985**

Y (Northing):

**064394**

Latitude:

**50.453213**

Longitude:

**- 4.4667417**

Address Near:

**Cattle Market, Varley Lane, Liskeard, Cornwall.**

Postcode (nearest):

**PL14 4JE**

# 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>	South West Water		05/09/2019		
<b>Drainage</b>	South West Water		05/09/2019		
<b>Gas</b>	Wales West Utilities	x	05/09/2019		
<b>Openreach (BT)</b>	BT		05/09/2019		
<b>CATV</b>	Virgin	x	05/09/2019		
<b>Electric</b>	WPD		05/09/2019		
<b>Communication</b>	CA			05/09/2019	
	Sky			05/09/2019	
	Instalcom			05/09/2019	
	KCOM			05/09/2019	
	Zayo Europe			05/09/2019	
	EU Networks			05/09/2019	
	Plancast			05/09/2019	
	Cityfibre			05/09/2019	
	Verizon			05/09/2019	
	Gamma			05/09/2019	
	Telent			05/09/2019	
	Cityfibre			05/09/2019	
	Comm Masts (Above)			05/09/2019	
<b>Environment Agency</b>				05/09/2019	
<b>Council</b>					05/09/2019
<b>Tunnels &amp; Pipelines</b>	BT Deep Level Tunnels			05/09/2019	
	Thames Water Ring Main			05/09/2019	
	MOD			05/09/2019	
	Cemex (Cement Tunnel)			05/09/2019	
	MOD			05/09/2019	
	Post Office			05/09/2019	
	CHL (Fisher German)			05/09/2019	
<b>Transport</b>	Canal & River Trust			05/09/2019	
	Network Rail			05/09/2019	
	Crossrail			05/09/2019	
	London Underground			05/09/2019	
	Docklands Light Railway			05/09/2019	
	Private Rail Lines			05/09/2019	
	Trams			05/09/2019	
	Traffic Master			05/09/2019	
<b>Also 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) Carrington Gas Pipeline Gigaclear PLC Prysmian Cables & Systems Ltd (c/o Western Link)		CATS Pipeline c/o Wood Group PSN Humbly Grove Energy Redundant Pipelines - LPDA Cemex IGas Energy RWEnpower (Little Barford and South Haven) Centrica Energy Ineos Enterprises Limited SABIC UK Petrochemicals Centrica Storage Ltd DIO (MOD Abandoned Pipelines)		

# Abbreviations

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



# Enclosure Table Key

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**Desk Research**

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

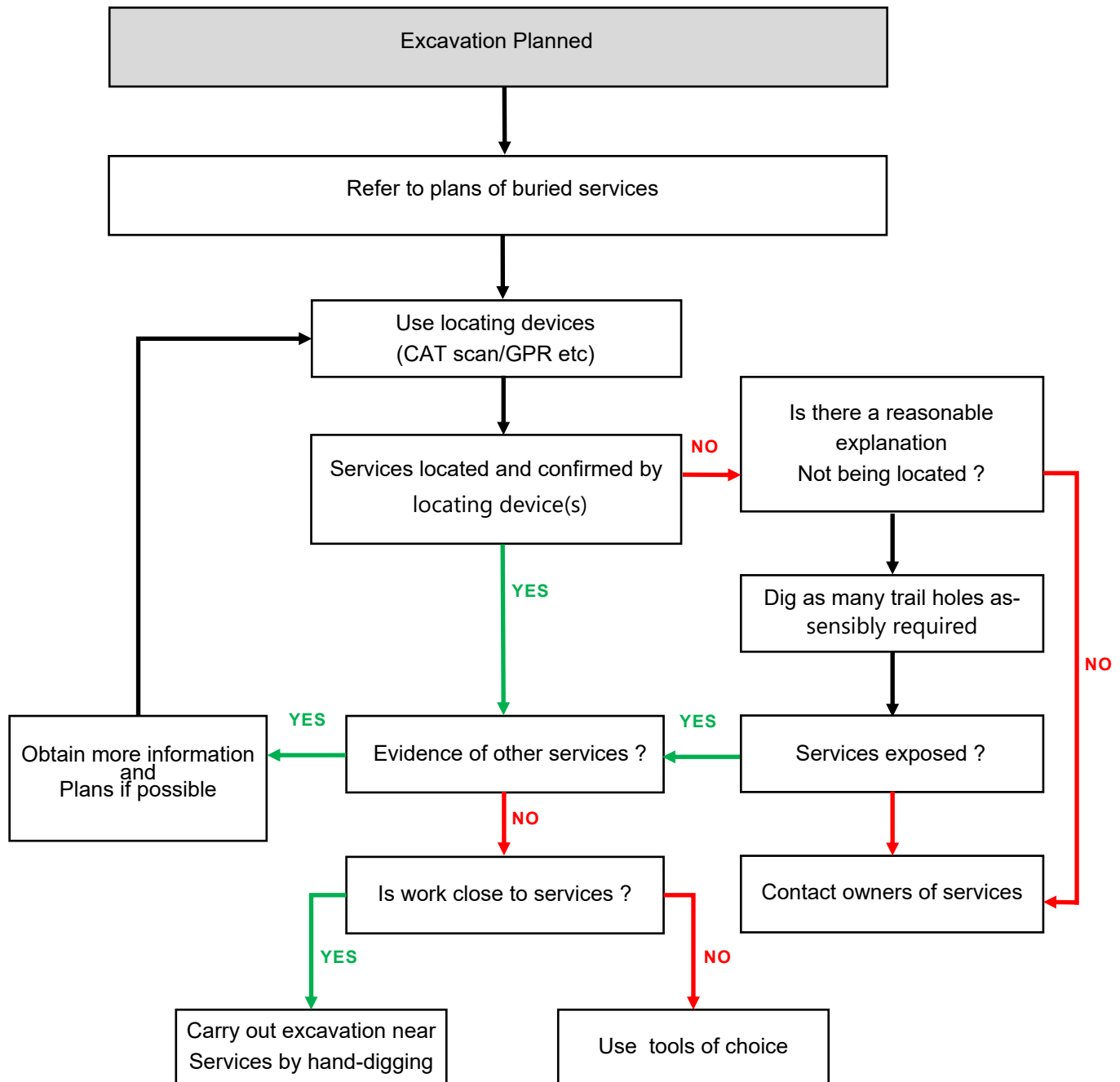
**In Vicinity**

*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.*

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
<b>Water</b> 	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.

## Recommended Colour Coding of Other Underground Apparatus

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

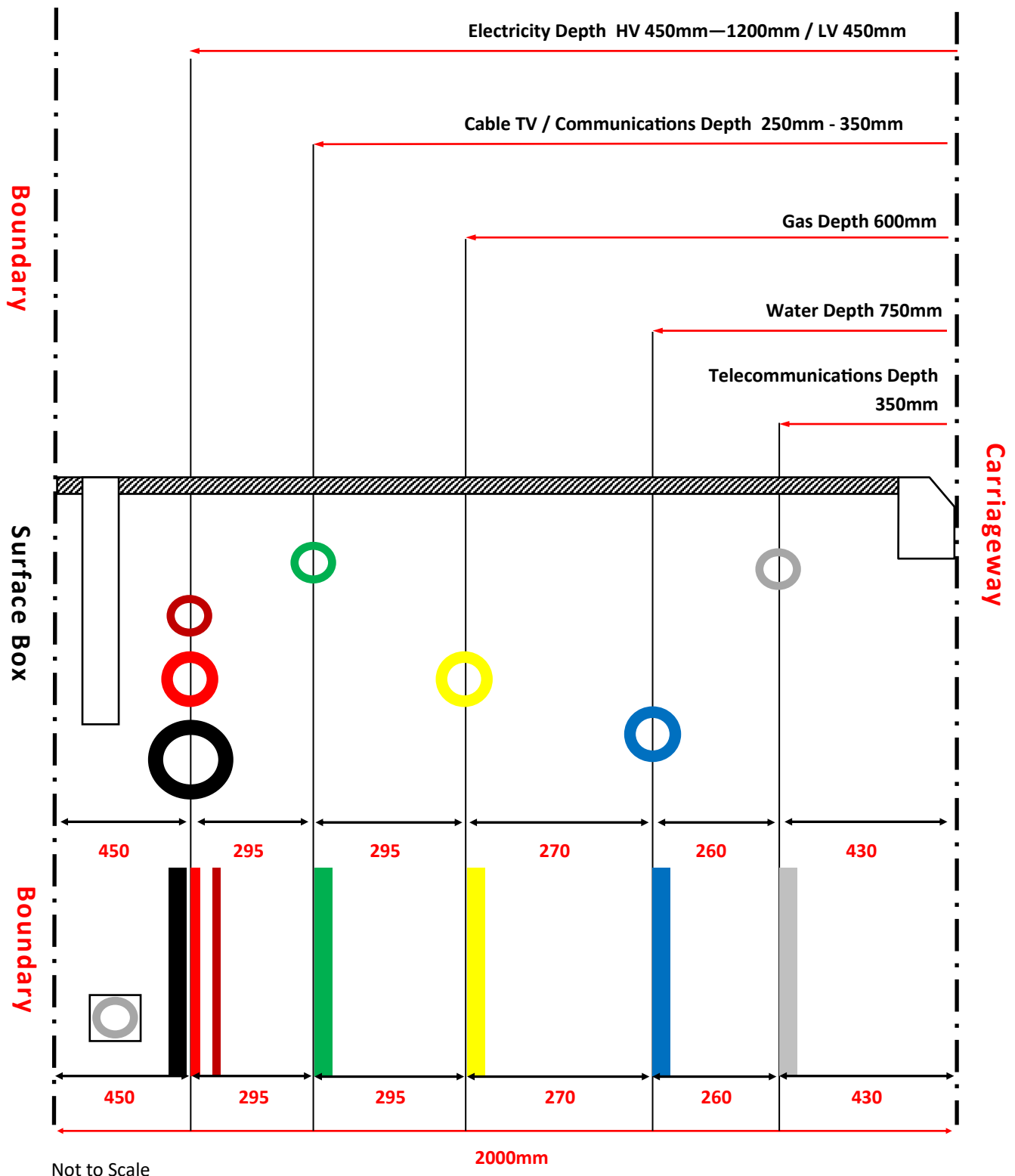
Utility	Duct	Pipe	Cable	Marker Systems	Recommended Minimum Depths	
					Footway Verge	Carriageway
At the time of publication the following were current examples of known highway authority apparatus colour coding but local variations may occur.						
Street Lighting						
England and Wales	Orange	N/A	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
Other						
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		
Motorways and Trunk Roads England and Wales						
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		
Scotland						
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 confirm 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.



## 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.



## UNDERGROUND ASSET INFORMATION

### PUBLIC DRAINAGE & WATER

**Location:** VARLEY LANE, LISKEARD PL14 4AP

**Report Reference:** GIS/TRW/VAR/30082019/6

**Your Reference:** Liskeard

**Date:** 30 August 2019

**For the Attention of:**

Further to your request for information dated 29 August 2019, the Company's apparatus for the above site is shown herewith. South West Water Limited has made all reasonable efforts to ensure the accuracy of this information, but provides it subject to the following conditions:

- Service pipes and drainage connections may not be shown.
- No liability whatsoever is accepted for any inaccuracies or omissions in the information.
- If no reference is made in the information to any interest or right of the Company on any land, this is not to be taken as conclusive evidence that no such interest or right exists.

These reservations are in addition to any statutory regulations which apply.

Source for Searches - A South West Water Service [contactus@sourceforsearches.co.uk](mailto:contactus@sourceforsearches.co.uk) 0845 330 3401

**ASSETS NOT SHOWN? THEY MAY BE PRIVATE  
HOMEOWNERS RESPONSABILITY  
PRIVATE SEWER CCTV SURVEYS AVAILABLE  
GO TO [SOURCEFORSEARCHES.CO.UK](http://SOURCEFORSEARCHES.CO.UK)**

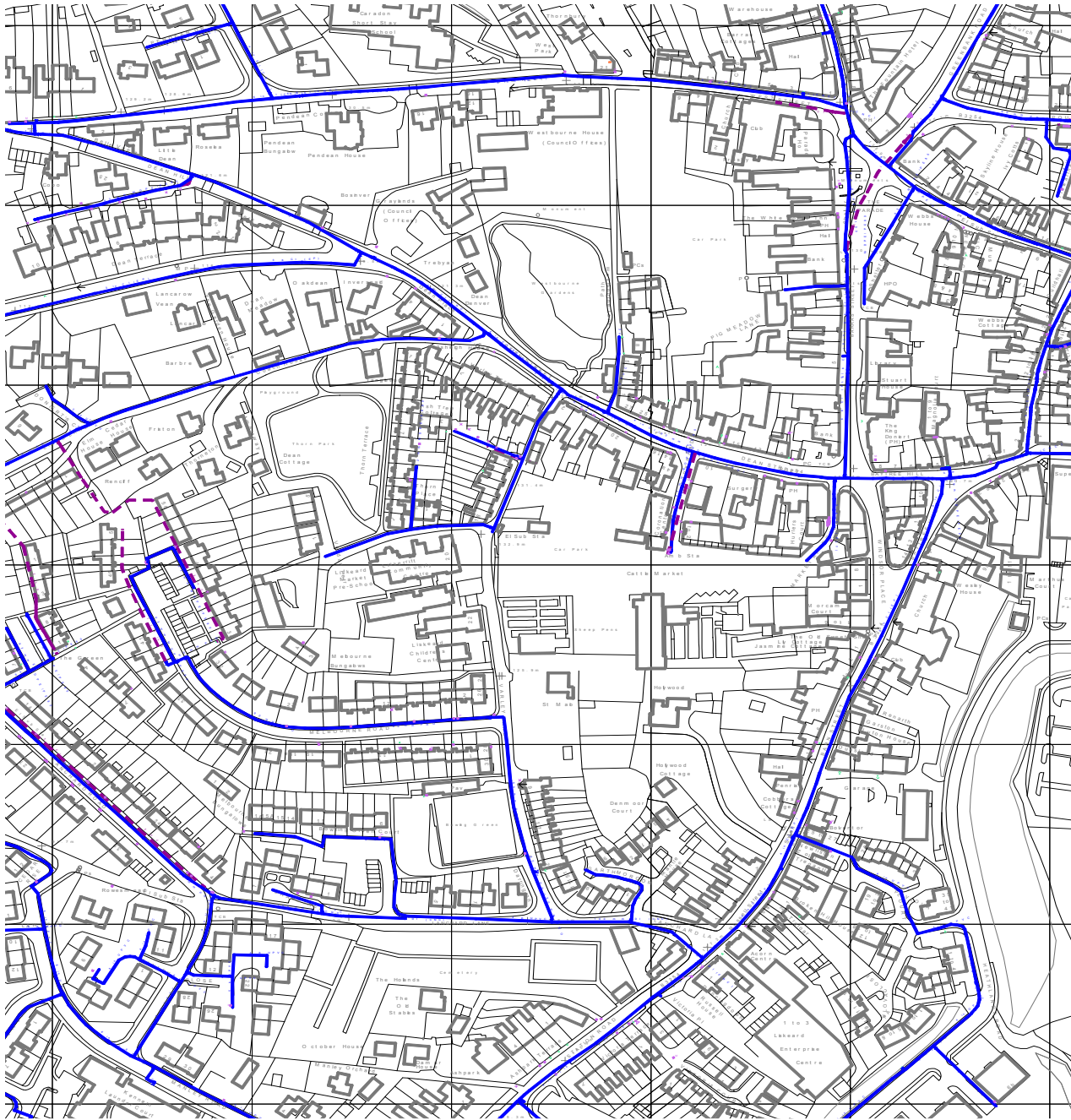
**USEFUL CONTACTS:**  
LEAKS / PIPE COLLAPSE 0344 346 2020  
NEW CONNECTIONS 0800 083 1821  
SOUTH WEST WATER 0344 346 2020





**WATER**

**VARLEY LANE, LISKEARD PL14 4AP**



100 m

Reproduced from the Ordnance Survey map by South West Water Ltd by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office.  
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**Water Pipe Details**

Distribution	Blue line
Trunk	Red line
Communication	Pink line
Untreated	Yellow line
Private	Orange line
Abandoned	Dashed purple line

**Common Materials**

Cast Iron	CI	High Density Polyethylene	HDPE
Spun Iron	SI	Medium Density Polyethylene	MDPE
Ductile Iron	DI	High Pressure Polyethylene	HPPE
Steel	ST	Polyethylene	
Asbestos Cement	AC		
Plastic	UPVC		

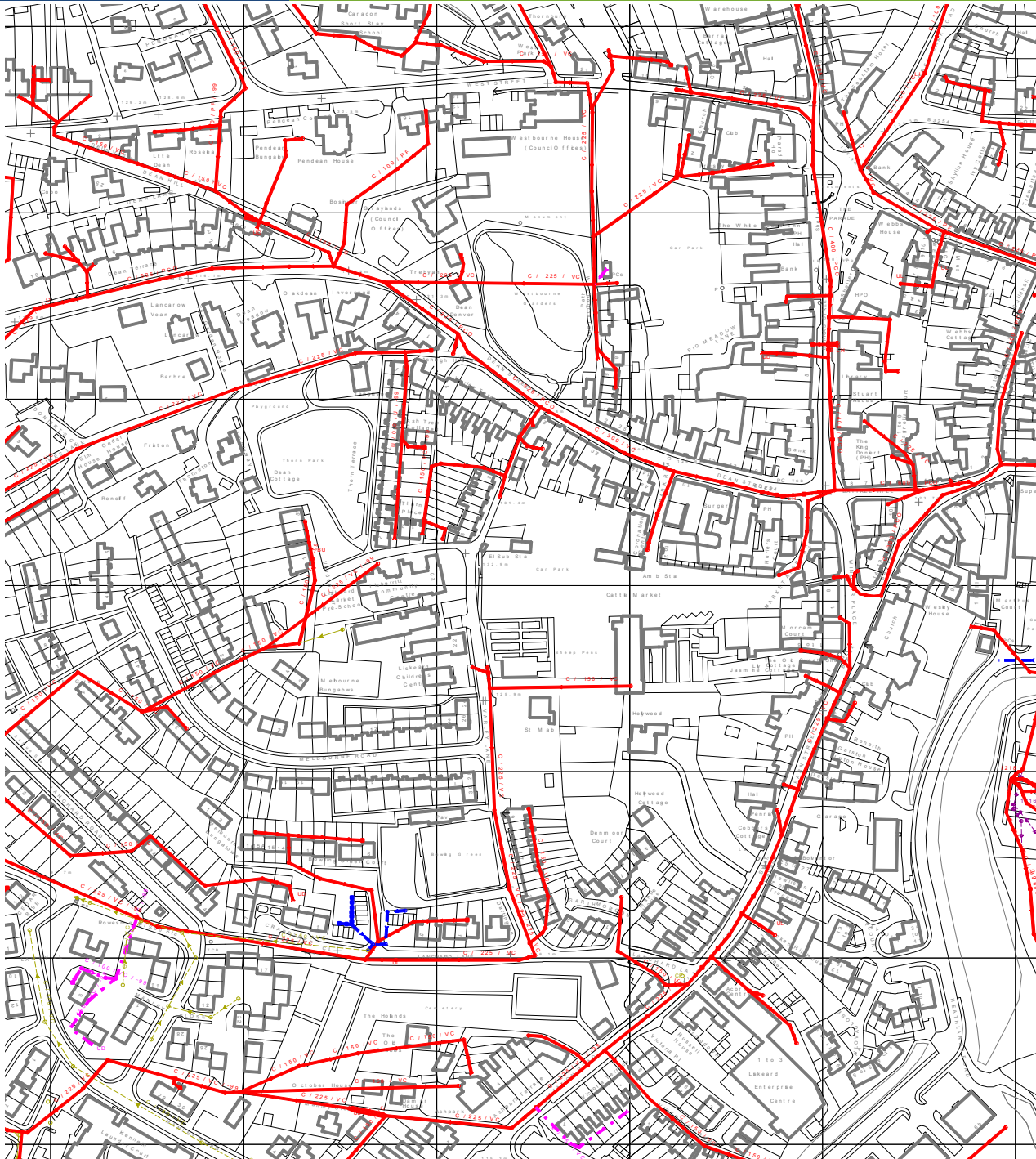
**Water Features**

Washout	Circle with cross	Hatchbox	Circle with cross and dot	Customer Meter	Circle with cross and dot
Hydrant	Circle with cross and dot	Pump	Circle with cross and dot	Mains Meter	Circle with cross and dot
Washout Hydrant	Circle with cross and dot	Sluice Valve Open (AC)	Circle with cross and dot	Relief Valve	Circle with cross and dot
Air Valve (Single)	Circle with cross and dot	Sluice Valve Closed	Circle with cross and dot	Pressure Reducing Valve	Circle with cross and dot
Air Valve (Double)	Circle with cross and dot	Sluice Valve (CC)	Circle with cross and dot	Pressure Sustaining Valve	Circle with cross and dot
Stop Tan	Circle with cross and dot	Stop Tan	Circle with cross and dot	Non Return Valve / Reflux	Circle with cross and dot
				Relief Valve	Circle with cross and dot



**DRAINAGE**

**VARLEY LANE, LISKEARD PL14 4AP**



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**Sewer Pipe Details**

Public - Foul	
Public - Surface	
Public - Combined	
Public - Treated	
Pumping Main	
Elevated	
Unverified	
Abandoned	
Highway	

**Common Shapes**

Circular	C	Barrel	B	U Shaped	US
Rectangular	R	Trapezoidal	T	Horseshoe	H
Unknown	U	Egg Shape	E	Oval	OV

**Common Materials**

Vitrified Clay	VC	Alkathene	AK	Medium Density Polyvinylchloride	MDPE
Pre Cast Concrete	PCO	Asbestos Cement	AC	Unplasticised Polyvinylchloride	UPVC
Concrete	CO	Polyvinylchloride	PVC	Unknown	U

**Sewerage Structures**

Manhole Foul		Manhole Surface	
Manhole Combined		Manhole Private	
Soakaway		Catchpit	CP
Washout	WO	Hatchbox	HB
Buried	BU	Unable to Locate	UL



# REQUIREMENTS AND DEVELOPMENT/TREE PLANTING GUIDANCE



In accordance with the provisions of Clause 26 of South West Water's Code of Practice, you are advised that in order to maintain adequate future access to the pipeline and to avoid interference with it, it is necessary to ensure that the following guidelines are observed:

## 1. Buildings And Permanent Structures

### Clear working strip:

A clear working strip along the pipe is required between buildings and permanent structures and this must be:-

<b>Pipes up to 150mm diameter</b>	<b>6.0 metres</b>
<b>Pipes 151-600mm diameter</b>	<b>7.0 metres</b>
<b>Pipes 601mm diameter and over</b>	<b>9.0 metres</b>

If a building or permanent structure is planned within these limits please contact our Development Planning team as Build Over consent may be required. Development Planning [developerservices@southwestwater.co.uk](mailto:developerservices@southwestwater.co.uk).

### Proximity of buildings:

No buildings or permanent structures should be placed within 3 metres of pipes below 300mm in diameter or within 3.5 metres of pipes of 300mm or over in diameter (distances measured from the centre of the pipe), and in addition, buildings and permanent structures must be constructed so as to ensure that no additional loads are transmitted to the pipe.

(N.B: Pipe sizes refer to the internal diameter / bore of the pipe).

## 2. Trees And Shrubs

Roots can damage pipelines over time and extensive root systems will limit access to the pipeline in breach of the Company's right to access for repair or replacement. As a rule of thumb, the root spread of a tree is approximately the same as its eventual canopy spread. To help you avoid damage or interference to the pipeline, the Company suggests the following guidelines:

- No large or forest trees should be planted with 7 metres of the pipeline (examples include Oak, Ash, Beech, Douglas Fir, Sitka Spruce etc.)
- Medium to small sized trees should always be planted in such a way as to ensure that the eventual root spread reaches no closer than 1 metre of the pipeline, in practice, if trees are planted a distance of 5 metres away from the pipeline, this should be sufficient.
- Bushes and shrubs should never be planted closer than 2 metres from the pipeline.
- Closer than 2 metres either side of the pipeline may be planted with hedge plants and ground cover only.
- The measurements and distances set out are for guidance only and there will always be exception, for example: Poplars and Willows, which have a particularly invasive root system. If you are unsure of any individual case, then specialist advice should always be sought prior to planting.
- The guidelines set out above are based on the Company's standard access requirements for its apparatus. If, for engineering reasons, the distances set out need to be varied at particular locations, you will be advised of this before compensation for works is finalised. If you need to know the precise underground location of a new water main / sewer after its installation, please contact any of the Company's local offices, and Company staff will be pleased to mark out the position of the pipeline within your land.
- If the Company finds any infringement of its legal rights of access, or any damage being caused to the pipeline, the Company reserves the right to take appropriate action to ensure that there is no interference with its statutory apparatus.

## Requirements to be met by persons carrying out works near to water mains and sewers:

1. The precise position of water mains and sewers must be ascertained by hand digging trial holes after first contacting South West Water, who will give such information as is available regarding the general location of the mains and sewer in the area. No liability is accepted for the accuracy of any information given as to the position or existence of water mains and sewers. In particular, service pipes and drainage connection are not generally shown on mains records, but their presence should be anticipated and precautions taken to avoid damage.
2. Notices of intent must be given to South West Water before any works are carried out in the vicinity, except in cases of emergency when our Operations Centre should be contacted as soon as possible.
3. Unless prior written approval has been obtained, mechanical excavation may not be permitted around, or within, 3 metres of the water main or sewer. Excavation may be necessary by hand.
4. Concrete haunches or surrounds to sewer s must not be disturbed without prior written consent from South West Water.
5. Before backfilling, the mains and sewer s will be inspected and any flaws or damage to the pipe or wrapping, if found, will be repaired by South West Water. All such flaws or damage must be immediately reported to the Company as soon as they are discovered. The carrying out of such repair s by South West Water shall not affect the question of liability, should any damage found to have resulted from the acts of those undertaking the works, their contractors, servants or agents.
6. Approved backfill will be used immediately around or over the ma ins and sewer s to a minimum cover of 300mm and the remainder of the backfill shall be to the appropriate Highways Authority Specification for the Reinstatement of Openings in Highways.
7. Both the existing main or sewer and the new works shall be suitably supported to prevent future settlement and any subsequent damage to equipment.
8. Ground adjacent to concrete thrust blocks supporting the main(s) and sewer(s) must not be disturbed.
9. Adequate support must be given to all water mains and sewers where these are likely to be undermined, and to all trenches in the vicinity of these, during the process of the works.
10. No apparatus shall be laid on or over any land within 300mm measured horizontally from any part of a water main or sewer or other apparatus belonging to the Company. Provided always that this cause shall not prevent any pipe, cable or conducting medium being laid at an angle of between 45 and 90 degrees across the line of the Company's apparatus, with a vertical clearance in excess of 300mm. In exceptional circumstances this clause may be varied or deleted with the prior written consent from South West Water.
11. South West Water must be consulted before any work representing an increased risk to the integrity of the mains or sewers (e.g., piling, using explosives, thrust boring, pipe bursting etc.) is carried out.
12. Facilities for inspecting all work carried out shall be given to South West Water with adequate notice

**IN THE EVENT OF A LEAK OR PIPE COLLAPSE PLEASE CONTACT SOUTH WEST WATER IMMEDIATELY ON 0344 346 2020 (24 HOURS)**





**Company Address**

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

Our Ref: 16347652      Liskeard

Thursday, 29 August 2019

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](mailto:dig@wwutilities.co.uk)

**General Enquiries:**

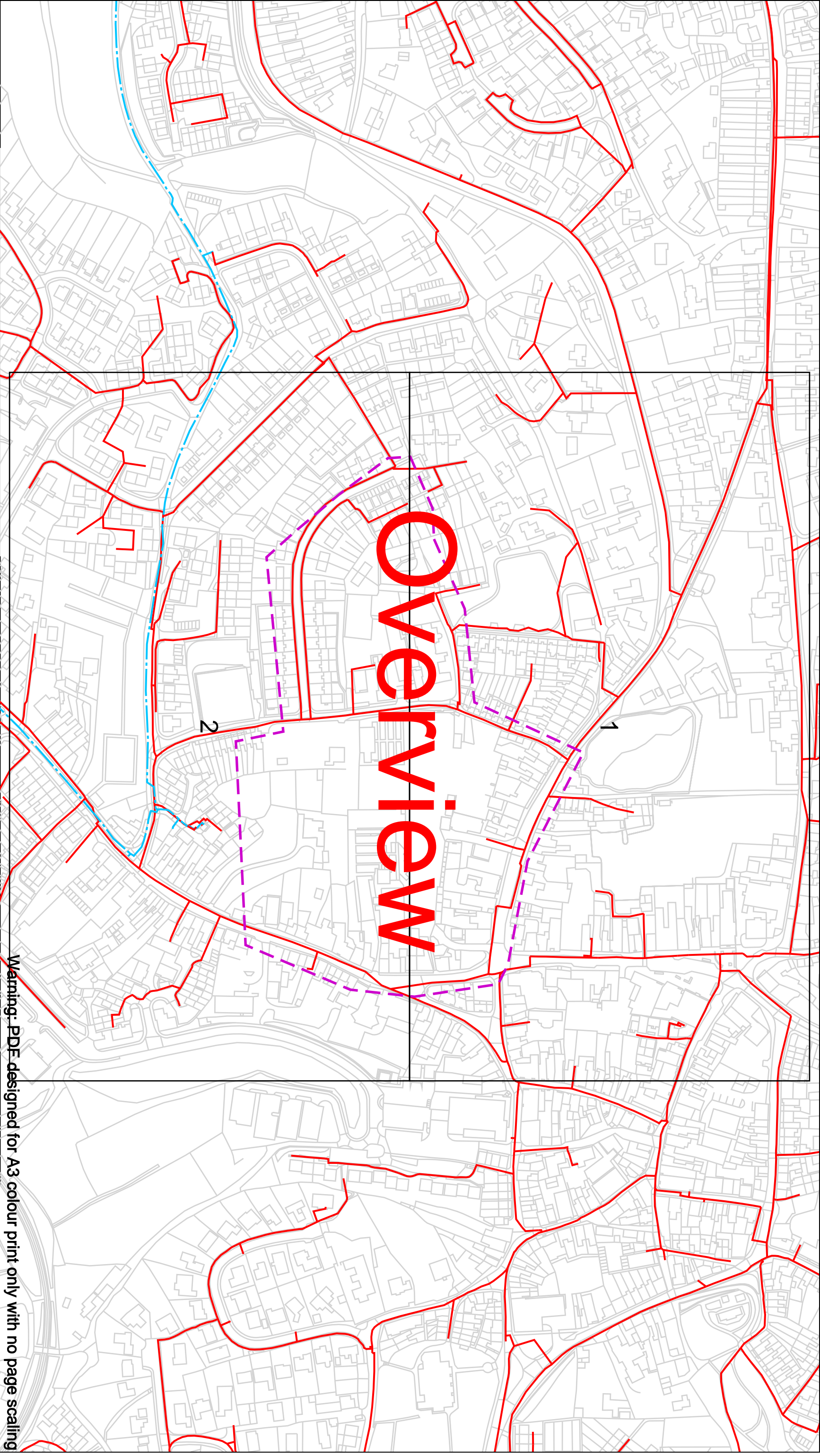
If you have a general enquiry, please call us on the following number

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](mailto:enquiries@linesearchbeforeudig.co.uk)  
Website [www.linesearchbeforeudig.co.uk](http://www.linesearchbeforeudig.co.uk)



Contact Us  
Mapping Enquiries:  
General Enquiries:

02920 278 912  
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: 
- Low Pressure (LP) 21mbar – 75mbar
- Medium Pressure (MP) 350mbar – 2bar
- Intermediate Pressure (IP) 2bar – 7bar
- High Pressure (HP) >7bar



Line/Fire Valve



Governor Station



Change of Diameter



End Cap



Depth of cover



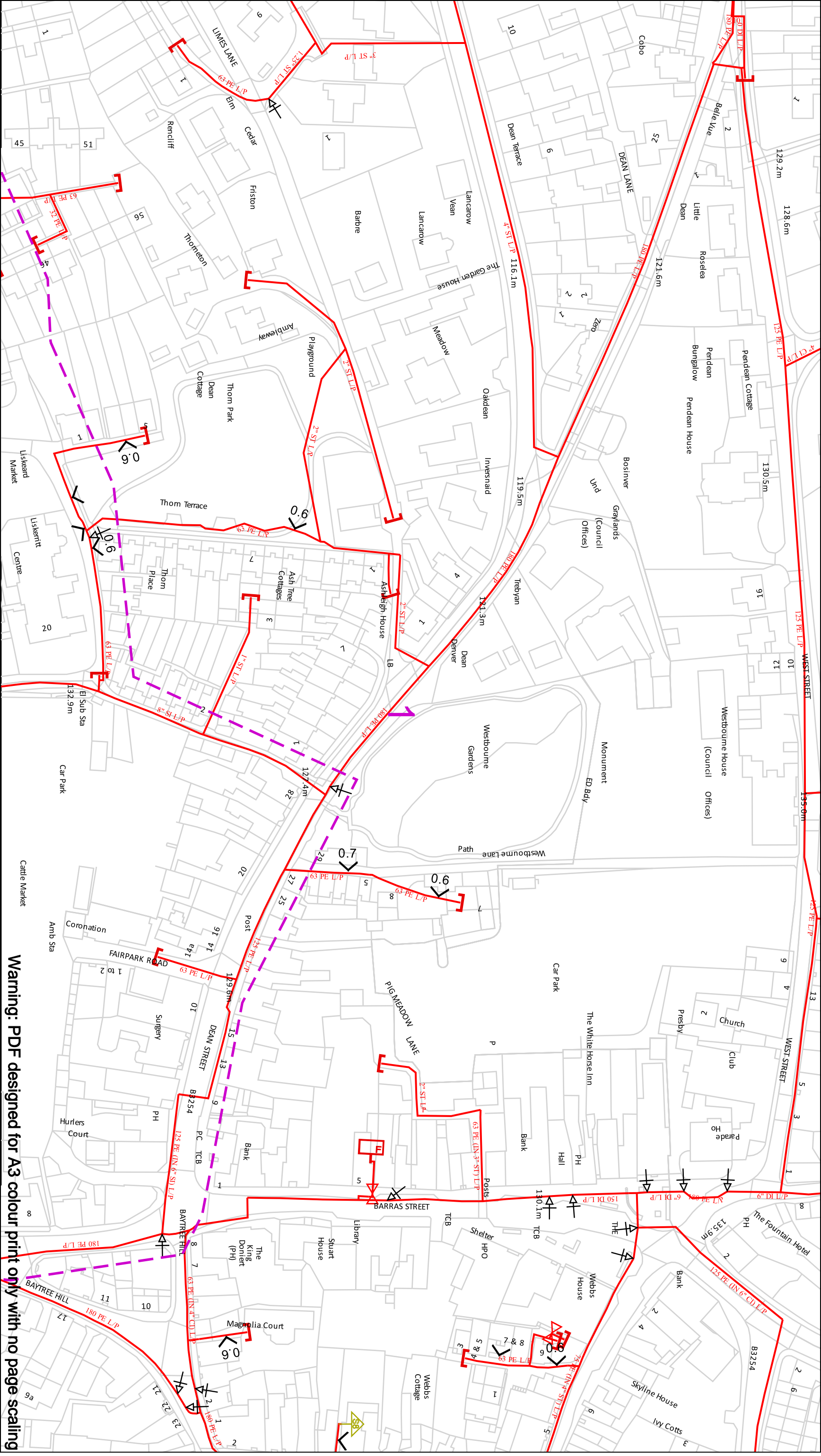
Small text?  
Call the Gas Emergency Service on  
0800 111 999.

**Dial**  
before  
you dig

We need  
to dig  
to dig

**Dial**  
before  
you start work.  
Call **029 2027 8912**  
Before you dig, make sure  
you know what's below.  
**Go ahead**  
Done your research?  
Now you can dig safely.





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

**WALESS & WEST UTILITIES**

**Dial before you dig**

Call 029 2027 8912 before you start work. Before you dig, make sure you know what's below. Go ahead. Done your research? Now you can dig safely.

**Small gas?**

Call the Gas Emergency Service on 0800 111 999.

**IMPORTANT NOTICES**

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**Dig Sites**

**Area:** **Line:**

**Low Pressure (LP) 21mbar – 75mbar**

**Medium Pressure (MP) 350mbar – 2bar**

**Intermediate Pressure (IP) 2bar – 7bar**

**High Pressure (HP) >7bar**

**Line/Fire Valve**

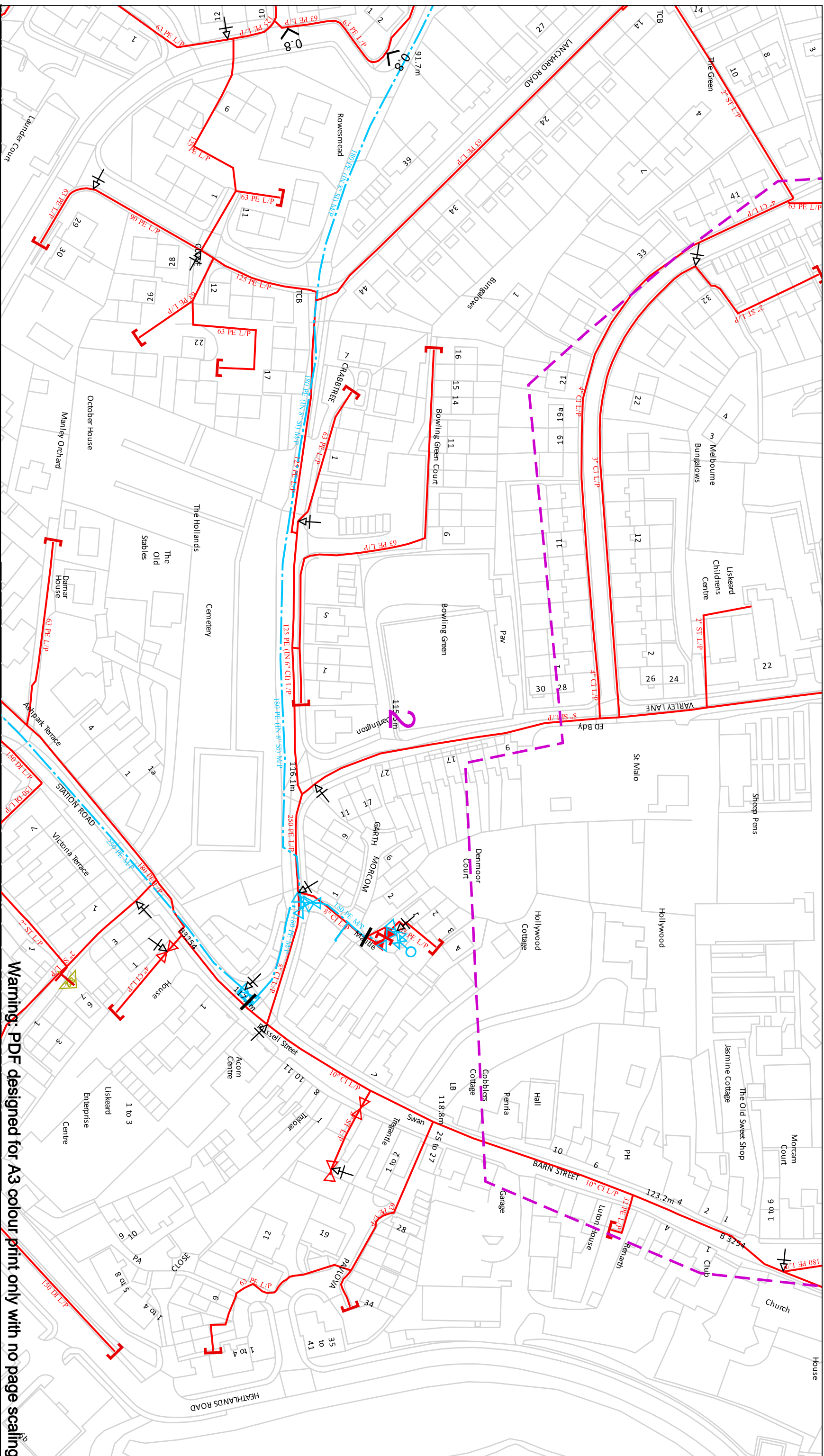
**Governor Station**

**Change of Diameter**

**End Cap**

**Depth of cover**





**Contact Us**  
Mapping 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)M7 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 2 78912

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



## Dig Sites

- |   |   |   |                    |
|---|---|---|--------------------|
| Area:  | Line:  |  | Governor Station   |
| Low Pressure (LP) 21mbar – 75mbar   |   |  | Change of Diameter |
| Medium Pressure (MP) 350mbar – 2bar   |   |  | End Cap            |
| Intermediate Pressure (IP) 2bar – 7bar  |   |  | Depth of cover     |
| High Pressure (HP) >7bar  |   |   |                    |



Line/Fire Valve



Governor Station



### Change of Diameter



End Cap



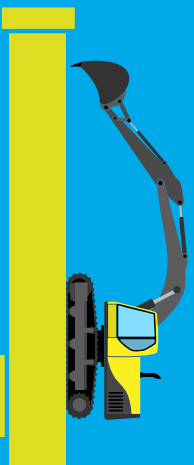
Depth of cover

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



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

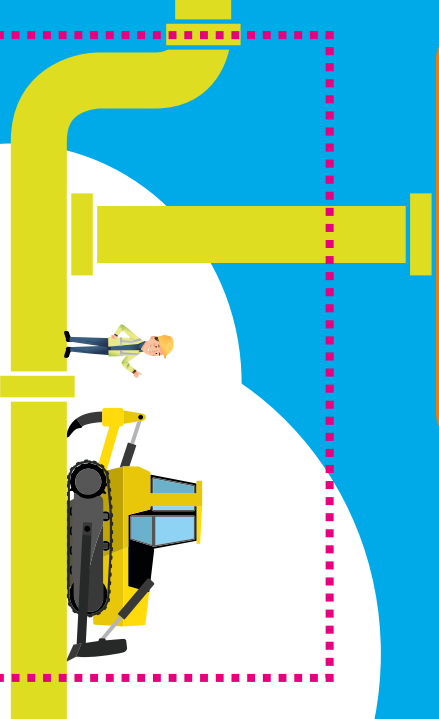




Every day, underground gas pipes get damaged by people digging without knowing what's below. This can be catastrophic. It might cause serious injury to you and others around you. The costs of repair, fines and fees can be huge. Your project will be delayed and your reputation damaged.

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



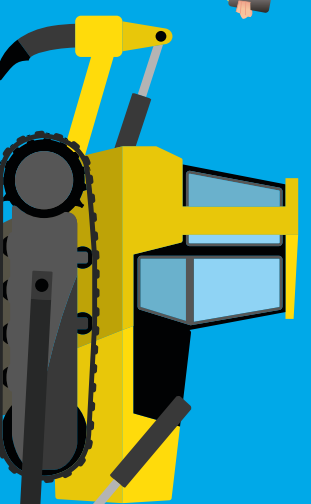
Need help or advice?

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/wwwutilities](https://facebook.com/wwwutilities)



[@wwwutilities](https://twitter.com/wwwutilities)



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 Ref: 990063**

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
- Independent Fibre Networks Limited
- Independent Community Heating Limited

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

**Your sincerely,**

GTC Plant Enquiry Service.

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

















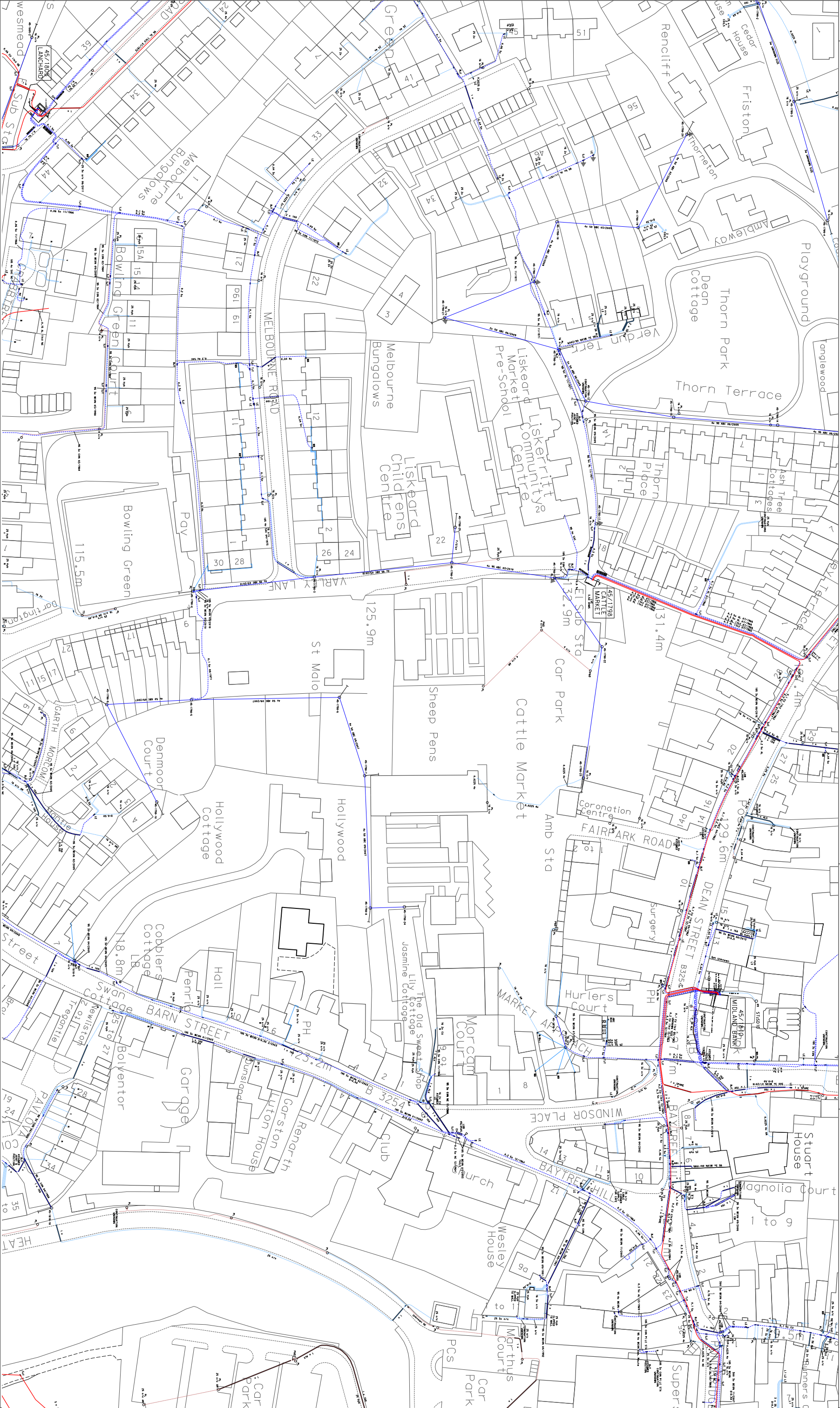




\* ADVISE SHOULD BE SOUGHT FROM THE WESTERN POWER DISTRIBUTION GENERAL ENQUIRIES (0800 096 3080). FOR ANY WORK THAT IS TO TAKE PLACE IN PROXIMITY TO 132kV UNDERGROUND CABLES AND 132kV OVERHEAD LINES

TITLE: EMU Online PDF Print  
PRINTED BY: Paul Hodgson  
DATE: 29/08/2019  
SCALE: 1:500 @ A3 Landscape  
PLOT CENTRE: 224941.640,64269.590  
PRODUCED BY: WPD Data Portal - EMU Online





SURF TELECOMS APPARATUS

S

S

P

P

OVERHEAD LINE

PL

PL

SERVICE

LV

HV (11kV)

HV (33kV)

HV (66kV)

HV (132kV)

UNDERGROUND CABLE

PL

PL

SERVICE

LV

HV (11kV)

HV (33kV)

HV (66kV)

HV (132kV)

PILOT CABLES

\*

\*

PILOT CABLES

\*

\*

ADVISE SHOULD BE SOUGHT FROM THE WESTERN POWER DISTRIBUTION GENERAL ENQUIRIES (0800 096 3090) FOR ANY WORK THAT IS TO TAKE PLACE IN PROXIMITY TO 132KV UNDERGROUND CABLES AND 132KV OVERHEAD LINES

TITLE:

EMU Online PDF Print

PRINTED BY:

Paul Hodgson

DATE:

29/08/2019

SCALE:

1:1250 @ A3 Landscape

PLOT CENTRE:

224967.750,64359.750

PRODUCED BY:

WPD Data Portal - EMU Online

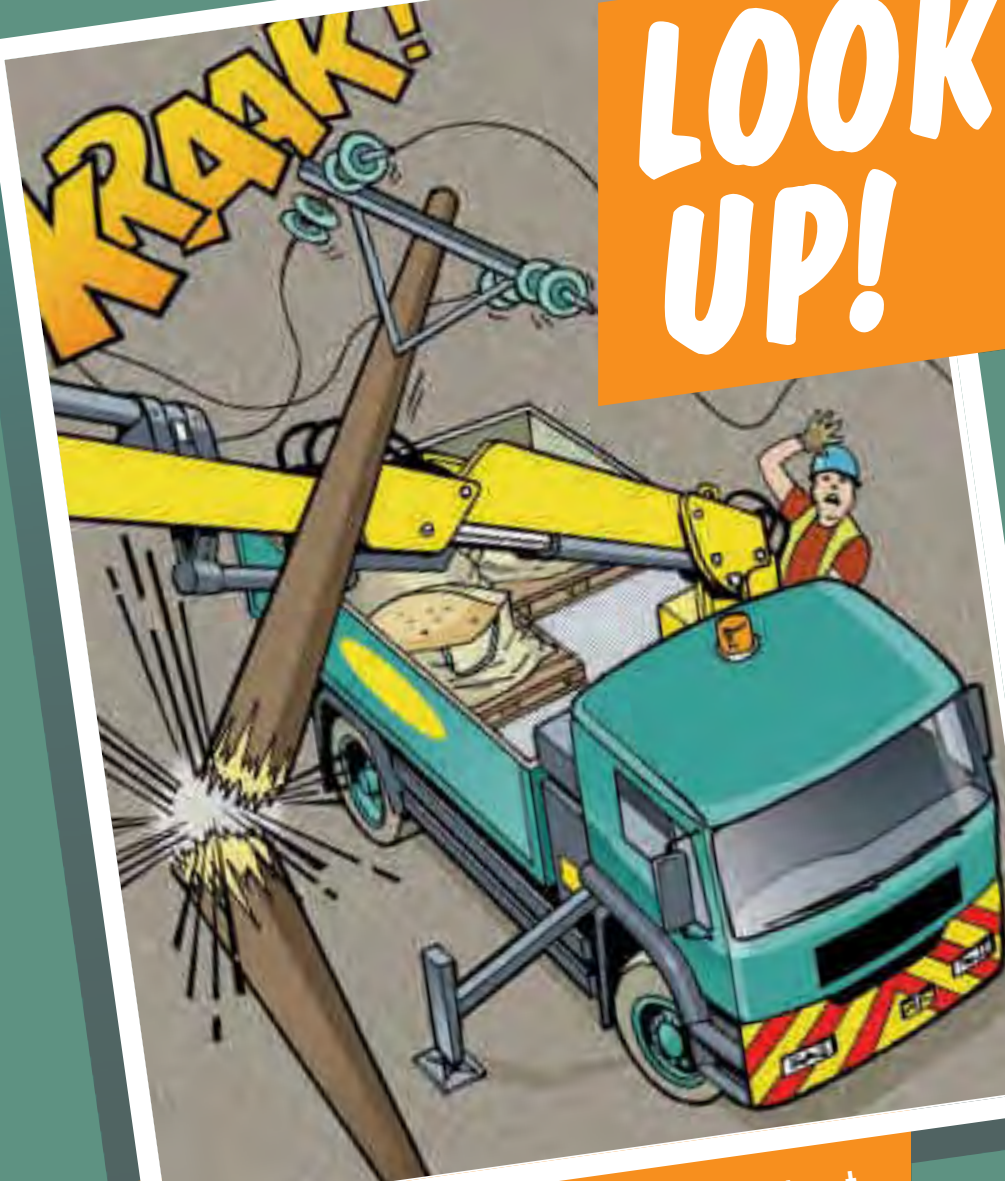
WESTERN POWER

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

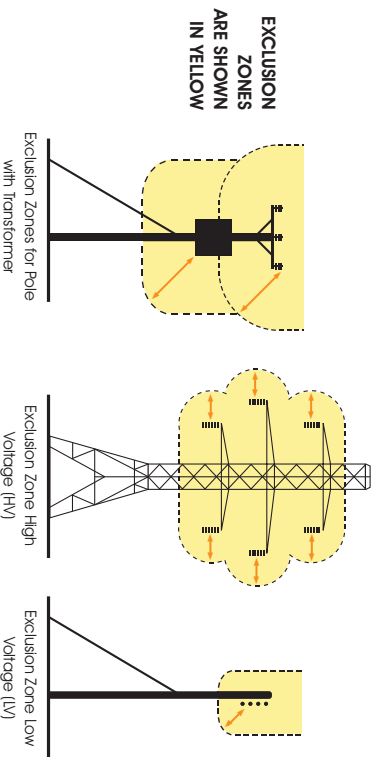
- Overhead lines have the advantage that they can easily be seen, so before you set up your vehicle or plant always:

### 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.

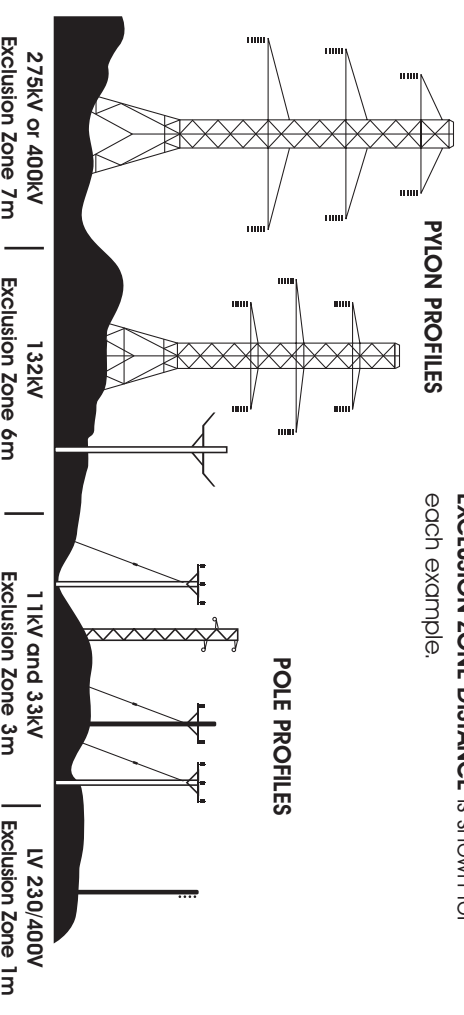
## 2 EXCLUSION ZONES

- 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.

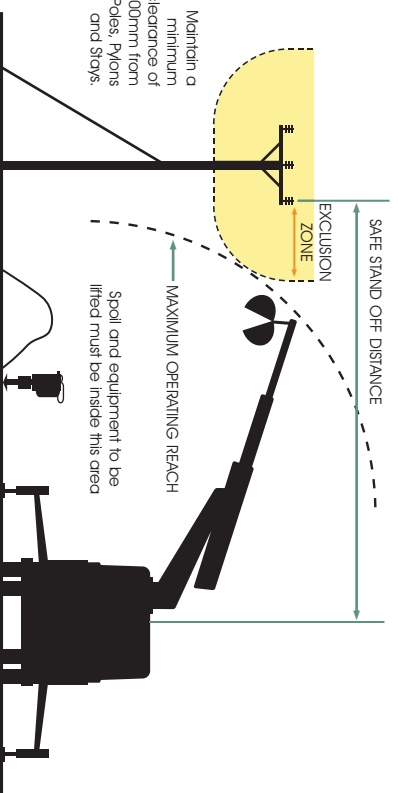


- Please note that these are absolute minimum distances that should under no circumstances be infringed. *If you do – it could prove fatal.*

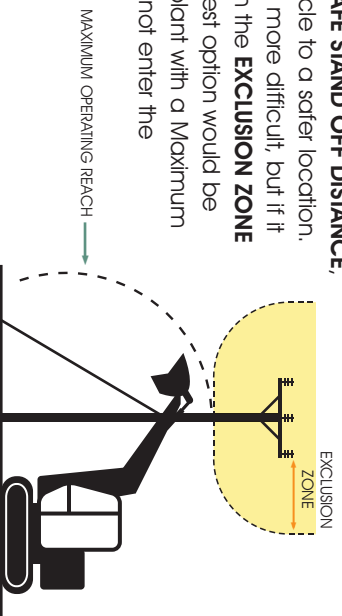
- As well as staying away from the lines or equipment, you should also stay at least 600mm away from any part of poles, pylons and stay wires.
- Please remember that is for guidance only, and if you are in any doubt, please call us for advice before setting up your plant or staffing work.

### 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.



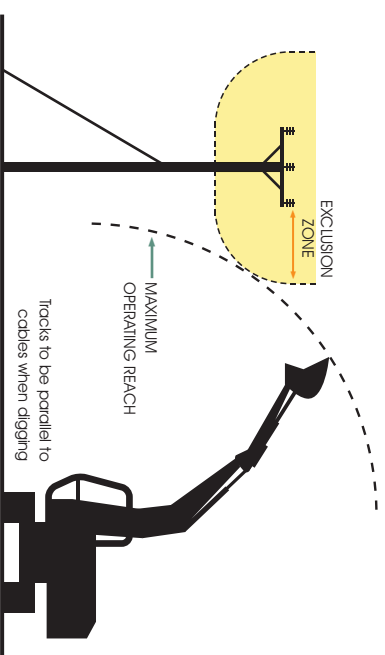
- If you position your vehicle outside of the **SAFE STAND OFF DISTANCE**, there is no risk of accidental contact with the lines and no danger of electricity jumping from the line to your vehicle.
- If you cannot achieve a **SAFE STAND OFF DISTANCE**, consider moving your vehicle to a safer location. 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 [wirewatcher.co.uk](http://wirewatcher.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 of 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.

**G56 – Avoidance of Danger from Overhead Lines.**

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

Along with Forestry Industry Safety Accord (FISA) publication **FISA 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)**

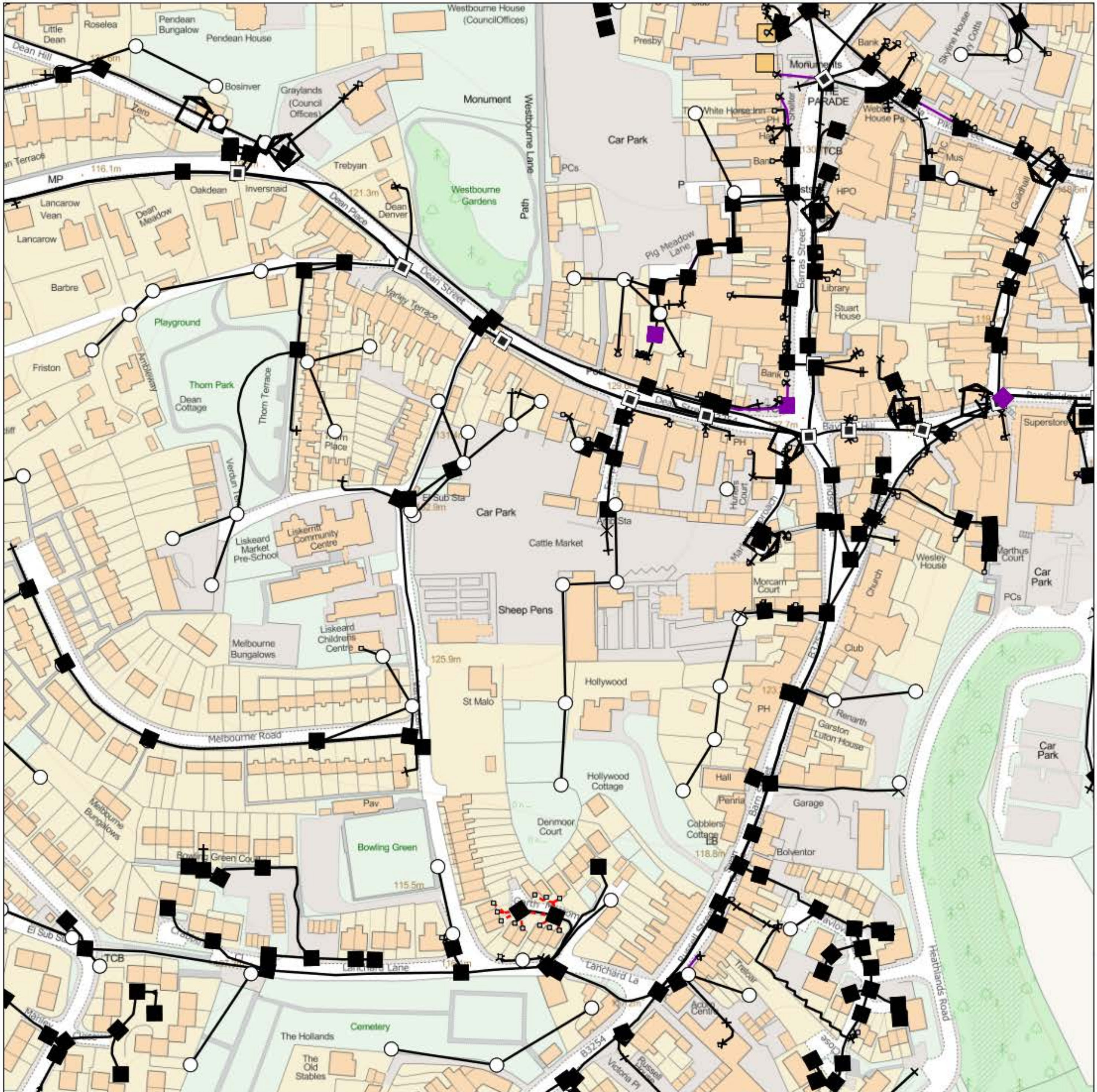


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Western Power Distribution (South Wales) plc. Registered in England and Wales No. 2366985  
Western Power Distribution (South West) plc. Registered in England and Wales No. 2366894  
Registered Office: Avonbank, Feeder Road, Bristol BS2 0TB





# 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

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

BT Ref : JRA02139T

Map Reference : (centre) SX2498564394

Easting/Northing : (centre) 224985,64394

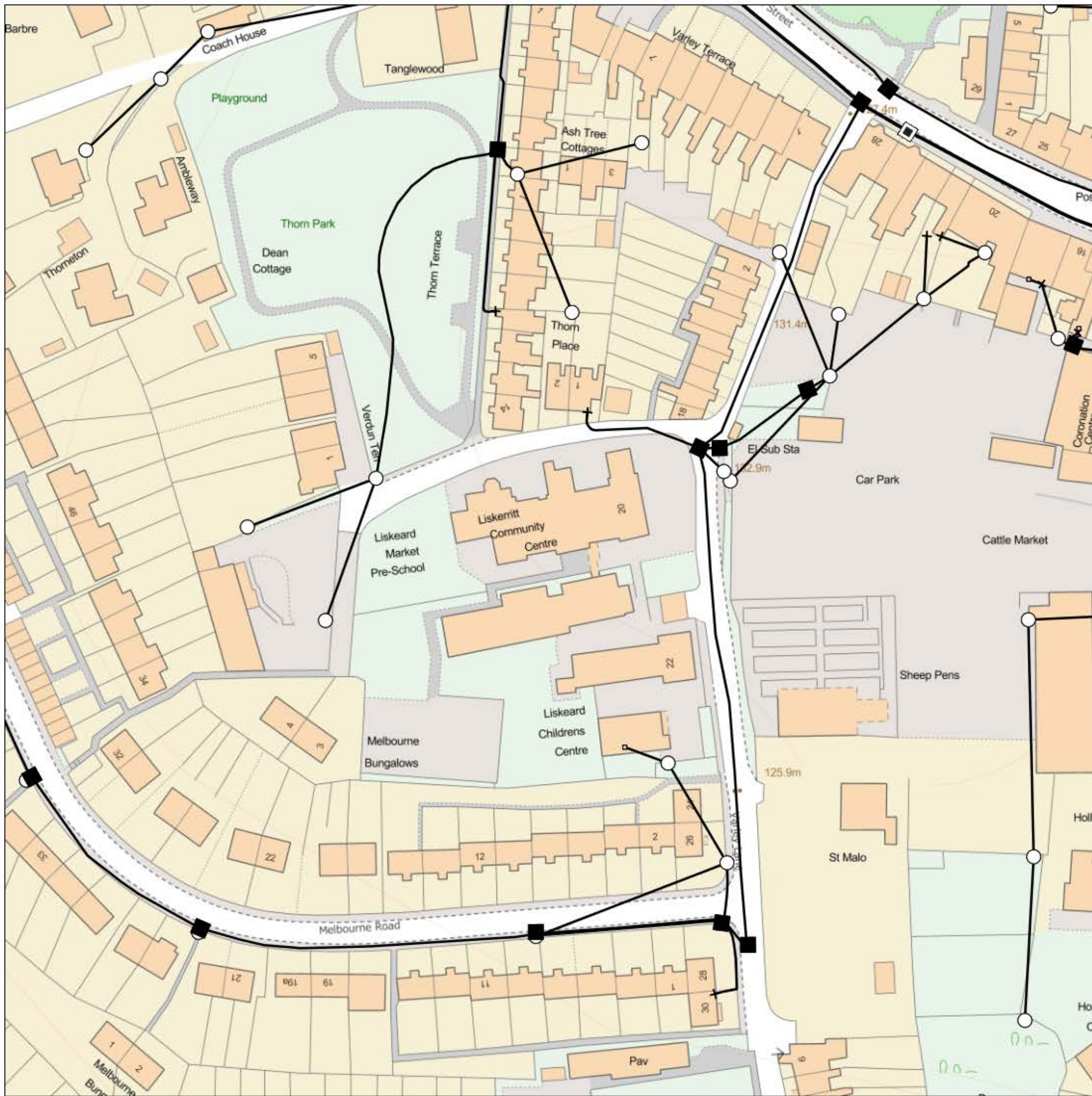
Issued : 29/08/2019 14:14:21

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**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

## 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

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by permission of Ordnance Survey on behalf of the  
Controller of Her Majesty's Stationary Office  
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## KEY TO BT SYMBOLS

	<i>Planned</i>	<i>Live</i>	State		Built	
PCP			Split Coupling		Duct Tee	
Pole			Building		Inferred	
Box			Kiosk		Duct	
Manhole			<p>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.</p>			
Cabinet						

	<i>Pending Add</i>	<i>In Place</i>	<i>Pending Remove</i>	<i>Not In Use</i>
Power Cable				
Power Duct				N/A

BT Ref : BAQ02147W

Map Reference : (centre) SX2488264393

Easting/Northing : (centre) 224882,64393

Issued : 29/08/2019 14:14:37

**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:



Cast iron cabinet



Fibreglass cabinet



Single door cabinet (with replacement steel door)



Steel cabinet



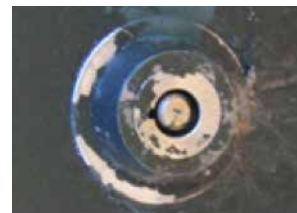
All-in-one cabinet

## 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).



Openreach keys



Virgin Media key

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.



Cast iron GPO marking



Fibreglass Telecom marking



Steel BT marking

## 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 two triangular lids



CW No.1  
Silent Night  
680mm x 680mm



CW No.1  
old type (Elkington)  
inserts vary



Very old round  
CW no.1

### 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



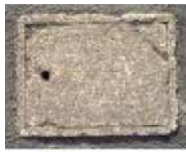
CW No.3 Elkington type

## 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.



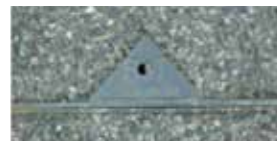
## Carriageway

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

**Current marking**



**Older markings**



## 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**

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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.

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

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

Regards,

**Gareth Milne**

*Distribution Administrator (NRSWA) Asset Information Services*

***Asset Information Services: to inspire & enable through the power of data***

*National Records Centre, 5 Audax Road, York YO30 4GS*

*T +44(0)1904 386393*

*E [gareth.milne@networkrail.co.uk](mailto:gareth.milne@networkrail.co.uk)*







Good Afternoon

Following a search of our records I have been unable to locate any plant in the highway in the area specified.

Thank you,

Shane Honer

Shane Honer Ba(Hons) RSciTech  
Streetworks Technical Support Officer  
Highways & Infrastructure  
Transport and Infrastructure Service  
Cornwall Council  
Tel: 0300 1234 222  
Internal Tel: 494397  
Email Address: [Streetworks@cornwall.gov.uk](mailto:Streetworks@cornwall.gov.uk)

Western Group Centre  
Radnor Road  
Redruth  
Cornwall  
TR16 5EH

[www.cornwall.gov.uk/transport-and-streets/street-works/](http://www.cornwall.gov.uk/transport-and-streets/street-works/)

'Onen hag oll'

Please let us know if you need any particular assistance from us, such as facilities to help with mobility, vision or hearing, or information in a different format.

Please consider the environment. Do you really need to print this email?

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

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# UNEXPLODED BOMB RISK MAP



## SITE LOCATION

Location: PL14 4AP,  
Map Centre: 224913,64334



## 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
- 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.

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](mailto:uxo@zetica.com)

web: [www.zeticauxo.com](http://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/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

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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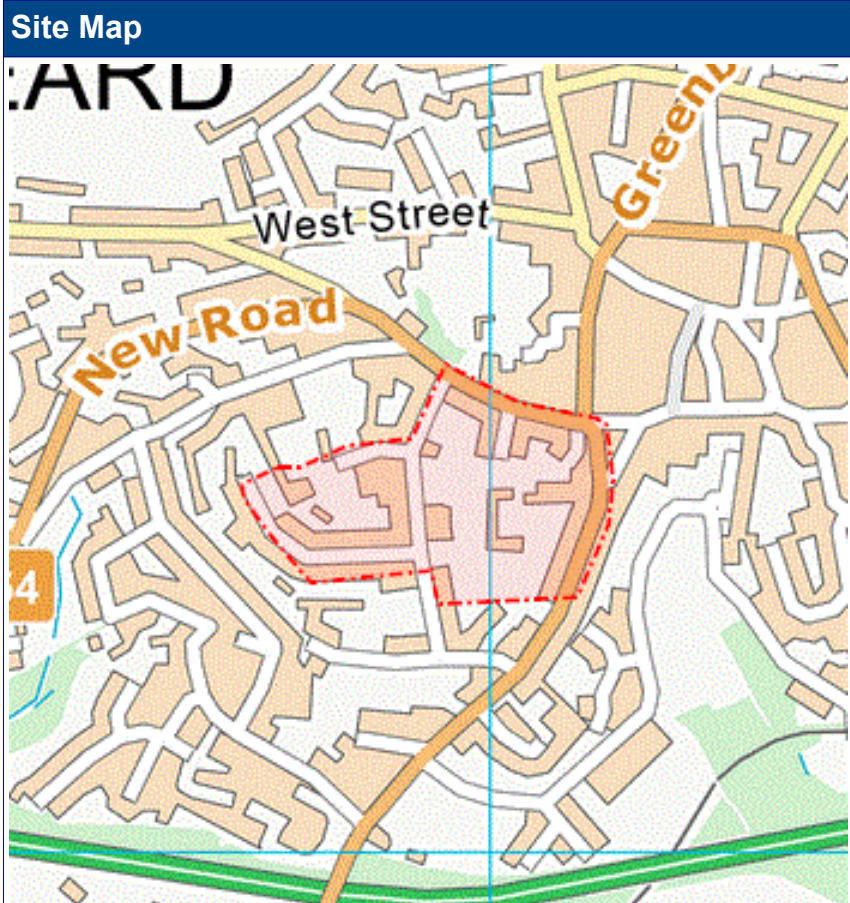
**Enquirer**

Name		Phone	
Company		Mobile	Not Supplied
Address			
Email			

**Enquiry Details**

Scheme/Reference	Liskeard		
Enquiry type	Planned Works	Work category	Utility Works
Start date	30/08/2019	Work type	Multiple excavations site
End date	03/09/2019	Site size	60661 metres square
Searched location	XY= 224985, 64394	Work type buffer*	25 metres
Confirmed location	224942 064388		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works	Not Supplied		

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



## Asset Owners

**Terms and Conditions.** Please note that this enquiry is subject always to our standard terms and conditions available at [www.lineasearchbeforeudig.co.uk](http://www.lineasearchbeforeudig.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 LineasearchbeforeUdig 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
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
CLH Pipeline System Ltd	CNG Services Ltd	Concept Solutions People Ltd
ConocoPhillips (UK) Ltd	DIO (MOD Abandoned Pipelines)	Drax Group
E.ON UK CHP Limited	EirGrid	Electricity North West Limited
ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited	EP Langage Limited
ESP Utilities Group	ESSAR	Esso Petroleum Company Limited
Fulcrum Pipelines Limited	Gamma	Gateshead Energy Company
Gigaclear Ltd	Gtt	Hafren Dyfrdwy
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)	Mainline Pipelines Limited	Manchester Jetline Limited
Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited
Murphy Utility Assets	National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	Northumbrian Water Group
NPower CHP Pipelines	Oikos Storage Limited	Ørsted
Perenco UK Limited (Purbeck Southampton Pipeline)	Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos
Phillips 66	Premier Transmission Ltd (SNIP)	Prysmian Cables & Systems Ltd (c/o Western Link)
Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)
SABIC UK Petrochemicals	Scottish Power Generation	Seabank Power Ltd
Severn Trent (Chester area only)	SGN	Shell (St Fergus to Mossmorran)
Shell Pipelines	SSE (Peterhead Power Station)	Tata Communications (c/o JSM Construction Ltd)
Total (Colnbrook & Colwick Pipelines)	Total Finaline Pipelines	Transmission Capital
UK Power Networks	Uniper UK Ltd	Vattenfall
Veolia ES SELCHP Limited	Westminster City Council	Zayo Group UK Ltd c/o JSM Group 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>	08009173993	Not Notified
CenturyLink Communications UK Limited	<a href="mailto:plantenquiries@instalcom.co.uk">plantenquiries@instalcom.co.uk</a>	02087314613	Not Notified
CityFibre	<a href="mailto:asset.team@cityfibre.com">asset.team@cityfibre.com</a>	033 3150 7282	Not Notified
Colt	<a href="mailto:plantenquiries@catelecomuk.com">plantenquiries@catelecomuk.com</a>	01227768427	Not Notified
Cornwall County Council (North)	<a href="mailto:tjasper@cornwall.gov.uk">tjasper@cornwall.gov.uk</a>	01872327841	Not Notified
Energetics Electricity	<a href="mailto:plantenquiries@energetics-uk.com">plantenquiries@energetics-uk.com</a>	01698404646	Not Notified
ENGIE	<a href="mailto:nrsua@cofely-gdfsuez.com">nrsua@cofely-gdfsuez.com</a>	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)	<a href="mailto:kpn.plantenquiries@instalcom.co.uk">kpn.plantenquiries@instalcom.co.uk</a>	n/a	Not Notified
Mobile Broadband Network Limited	<a href="mailto:mbnl.plant.enquiries@turntown.com">mbnl.plant.enquiries@turntown.com</a>	01212 621 100	Not Notified
Sky UK Limited	<a href="mailto:nrsua@sky.uk">nrsua@sky.uk</a>	02070323234	Not Notified
Sota	<a href="mailto:SOTA.plantenquiries@instalcom.co.uk">SOTA.plantenquiries@instalcom.co.uk</a>		Not Notified
South West Water	<a href="mailto:searches@southwestwater.co.uk">searches@southwestwater.co.uk</a>	01392443115	Not Notified
Utility assets Ltd	<a href="mailto:assetrecords@utilityassets.co.uk">assetrecords@utilityassets.co.uk</a>		Not Notified
Verizon Business	<a href="mailto:osp-team@uk.verizonbusiness.com">osp-team@uk.verizonbusiness.com</a>	01293611736	Not Notified
Virgin Media	<a href="http://www.digdat.co.uk">http://www.digdat.co.uk</a>	08708883116	Not Notified

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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/Madam,

Thank you for submitting your recent plant enquiry.

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

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

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

Regards

---

Plant Enquiries

E: [plantenquiries@energetics-uk.com](mailto:plantenquiries@energetics-uk.com)

W: [www.energetics-uk.com](http://www.energetics-uk.com)

—energetics

WE DESIGN • WE BUILD • WE CONNECT





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



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Date: 29/08/19

Scale: 1:2029

Map Centre: 224985,64394

Data updated: 02/07/19

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 2019 Ordnance Survey 100019209.

Duct, Trench

Chamber

Cabinet

utilitysite@outlook.com



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)



Dear Sir/Madam

Verizon is a licensed Statutory Undertaker.

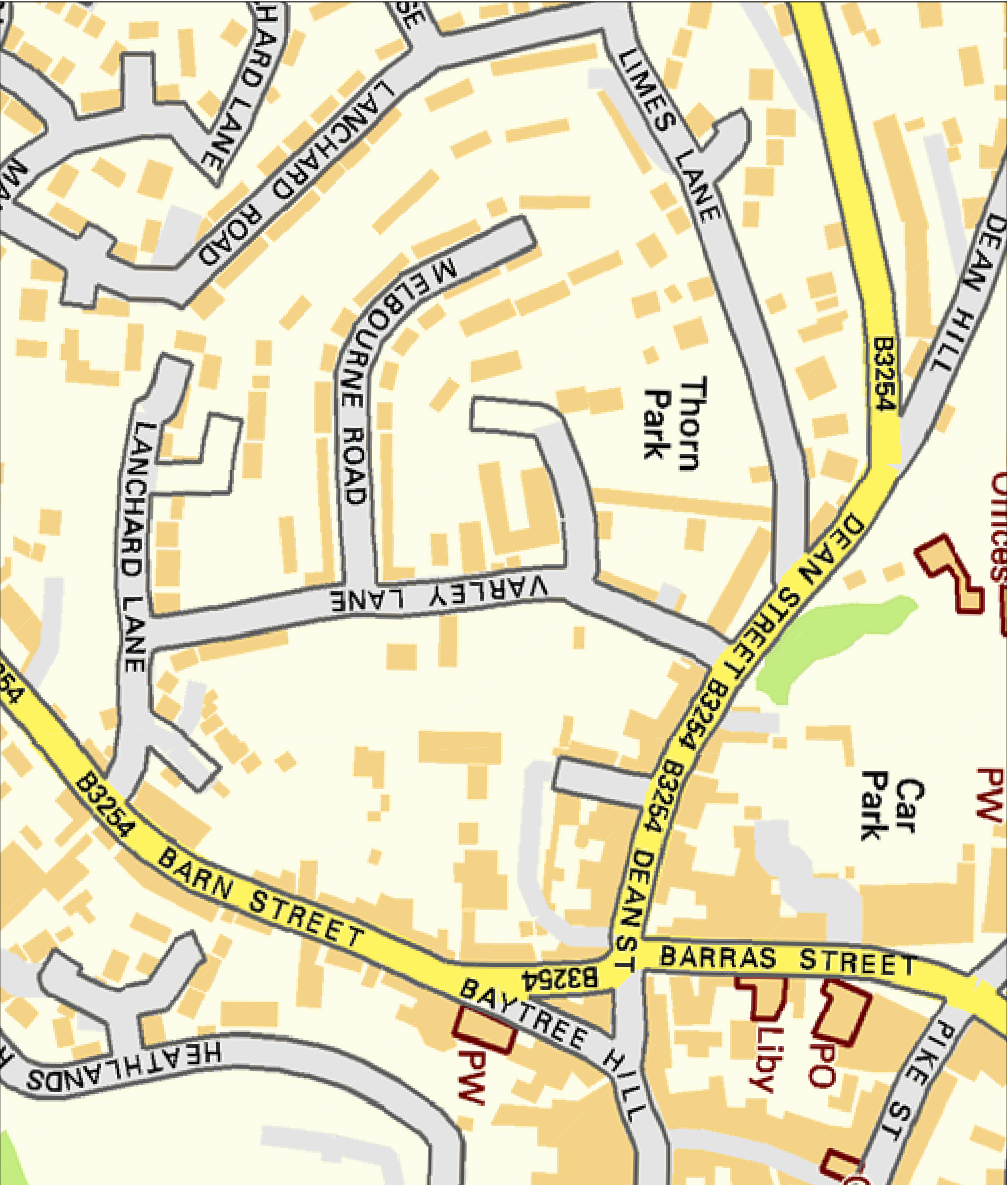
We have reviewed your plans and have determined that Verizon (Formally known as MCI WorldCom, MFS) has no apparatus in the areas concerned.

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)





bimap\_layout select\_raster

# LEGEND

- EXISTING PLANT
- EXISTING PLANT

bimap\_layout select\_raster

Head Office  
CityFibre Holdings Ltd  
15 Bedford Street,  
London  
WC2E 9HE  
Tel: 0845 293 0774  
Web: [www.cityfibre.com](http://www.cityfibre.com)

Asset Office  
CityFibre Holdings Ltd,  
Rutherford House,  
Brixtonwood,  
Warrington,  
WA3 6ZH  
Email: [asset.team@cityfibre.com](mailto:asset.team@cityfibre.com)

## Disclaimer:

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

## Project

Plant Enquiry

## Drawing

Existing Plant

Drawn by:

smallworld

Date: 03/09/2019

Drawing No.

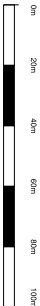
Revision

CFH\_EP\_000001

001

Scale: 1:2500

A4



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**

To whom it may concern

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

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

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

Yours faithfully

**PLANCAST Plant Enquiry Department**



The Old Haybarn  
Rosebery Mews, Mentmore  
Bedfordshire LU7 0UE

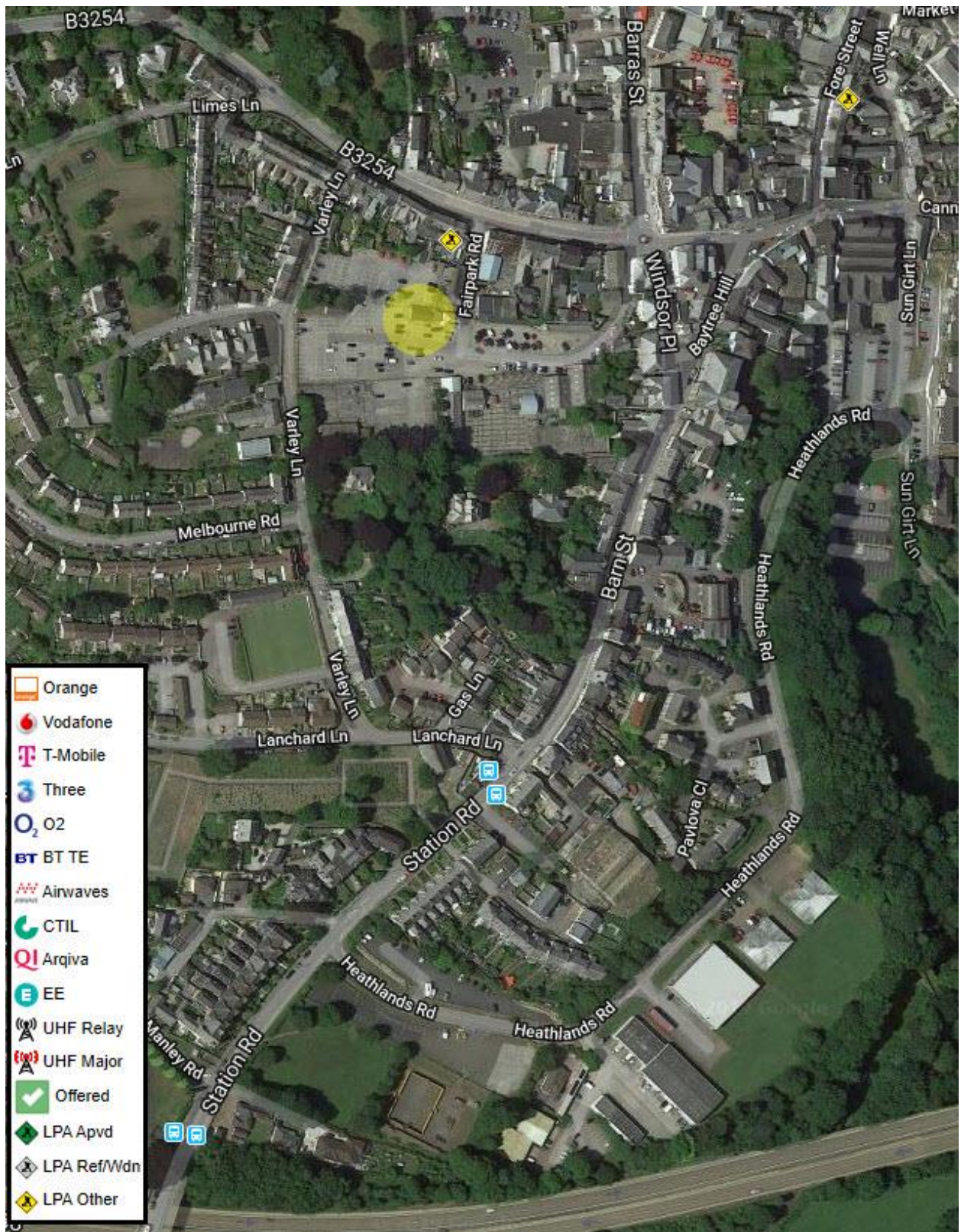
T: 01296 662647  
[www.plancast.co.uk](http://www.plancast.co.uk)

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Registered office: 1<sup>st</sup> Floor, The Old Haybarn, Rosebery Mews, Mentmore LU7 0UE.

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





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





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



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

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

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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,

### **Utilimap Limited**

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.



Richmond House, Avonmouth Way, Avonmouth, Bristol, BS11 8DE  
Tel: +44 (0) 844 335 1123 Email: [info@utilimap.co.uk](mailto:info@utilimap.co.uk)