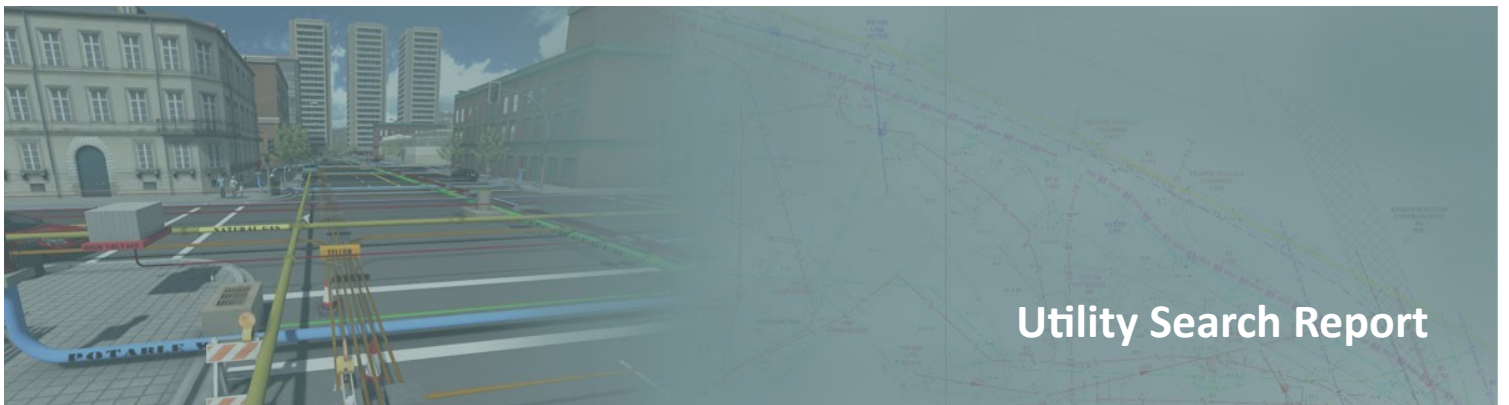


April: 2019



# Site Location



## Grid Reference

**SU 42759 13258**

Grid Reference (6 figure)

**SU427132**

X (Easting): Y (Northing)

**442759 113258**

Latitude: Longitude:

**50.917207 - 1.3931022**

Address Near:

**Imperial House Empress Road, Southampton.**

Postcode (nearest):

**SO14 0JW**

# Enclosures

Utility Type	Company	In-house Search	In Vicinity of Development	Not In Vicinity of Development	No Response Received to Date
Water Mains	Southern Water		02/04/2019		
Drainage	Southern Water		02/04/2019		
Gas	SGN - GTC		02/04/2019		
Openreach (BT)	BT	x	02/04/2019		
CATV	Virgin	x	02/04/2019		
Electric	SSE		02/04/2019		
Communication	Colt			02/04/2019	
	BSkyB/Easynet			02/04/2019	
	Instalcom			02/04/2019	
	KCOM			02/04/2019	
	Zayo Europe			02/04/2019	
	EU Networks			02/04/2019	
	Plancast			02/04/2019	
	Energetics			02/04/2019	
	EU Networks			02/04/2019	
	Verizon			02/04/2019	
	Energi			02/04/2019	
	Telent			02/04/2019	
	KPN			02/04/2019	
	Cityfibre			02/04/2019	
Environment Agency				02/04/2019	
Council					02/04/2019
Tunnels & Pipelines	BT Deep Level Tunnels			02/04/2019	
	Thames Water Ring Main			02/04/2019	
	Post Office Tunnels			02/04/2019	
	Cemex (Cement Tunnel)			02/04/2019	
	MOD			02/04/2019	
	Post Office			02/04/2019	
	CHL (Fisher German) BPA			02/04/2019	
Transport	Canal & River Trust			02/04/2019	
	Network Rail			02/04/2019	
	Crossrail			02/04/2019	
	London Underground / LUHV			02/04/2019	
	Docklands Light Railway			02/04/2019	
	Private Rail Lines			02/04/2019	
	Trams			02/04/2019	
	Traffic Master			02/04/2019	
<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) Carrington Gas Pipeline Gigaclear PLC			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 tick in this column indicates that the response has been determined In-house.

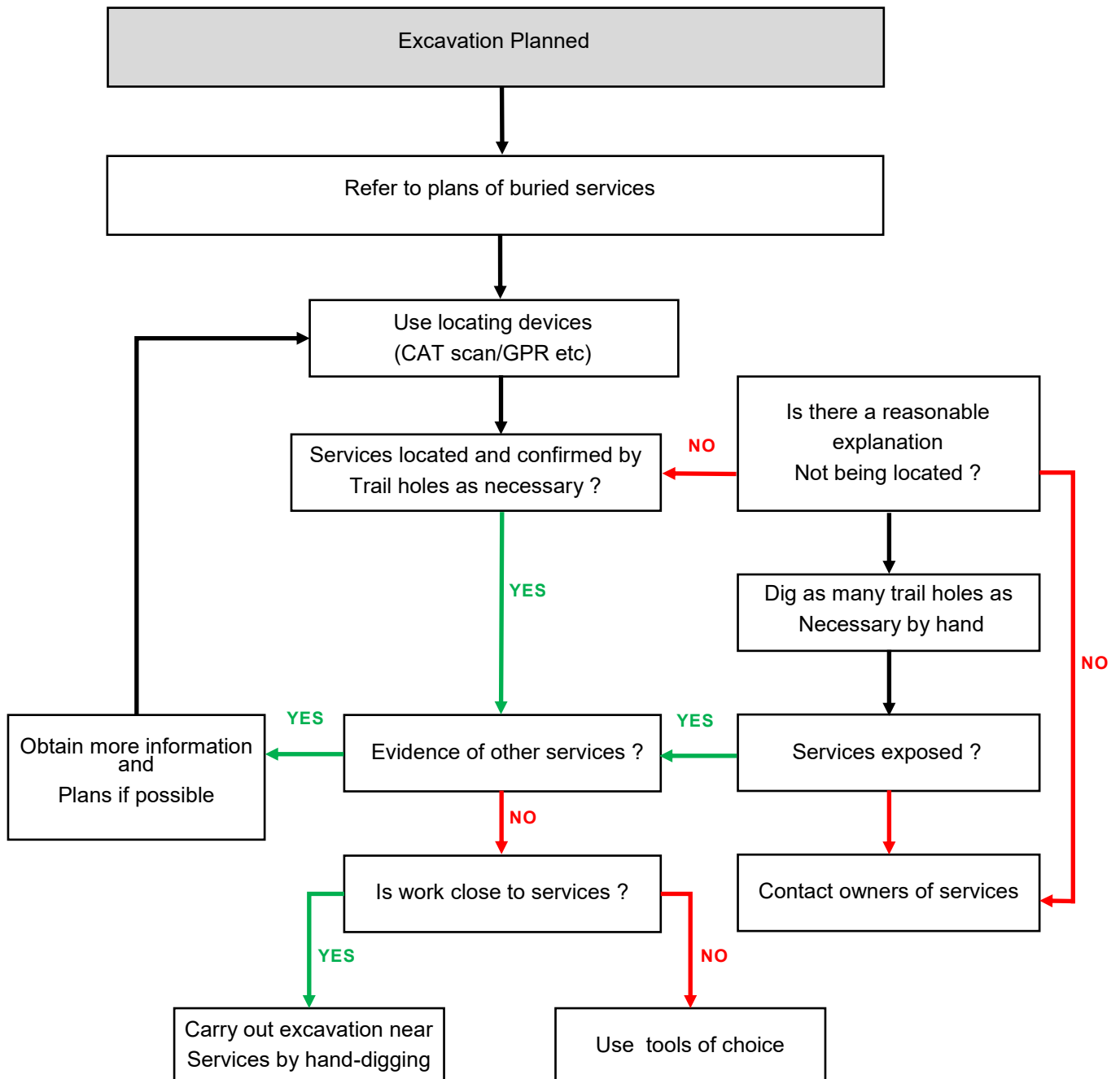
## ***In Vicinity***

*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.*

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.

## Recommended Colour Coding of Other Underground Apparatus

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

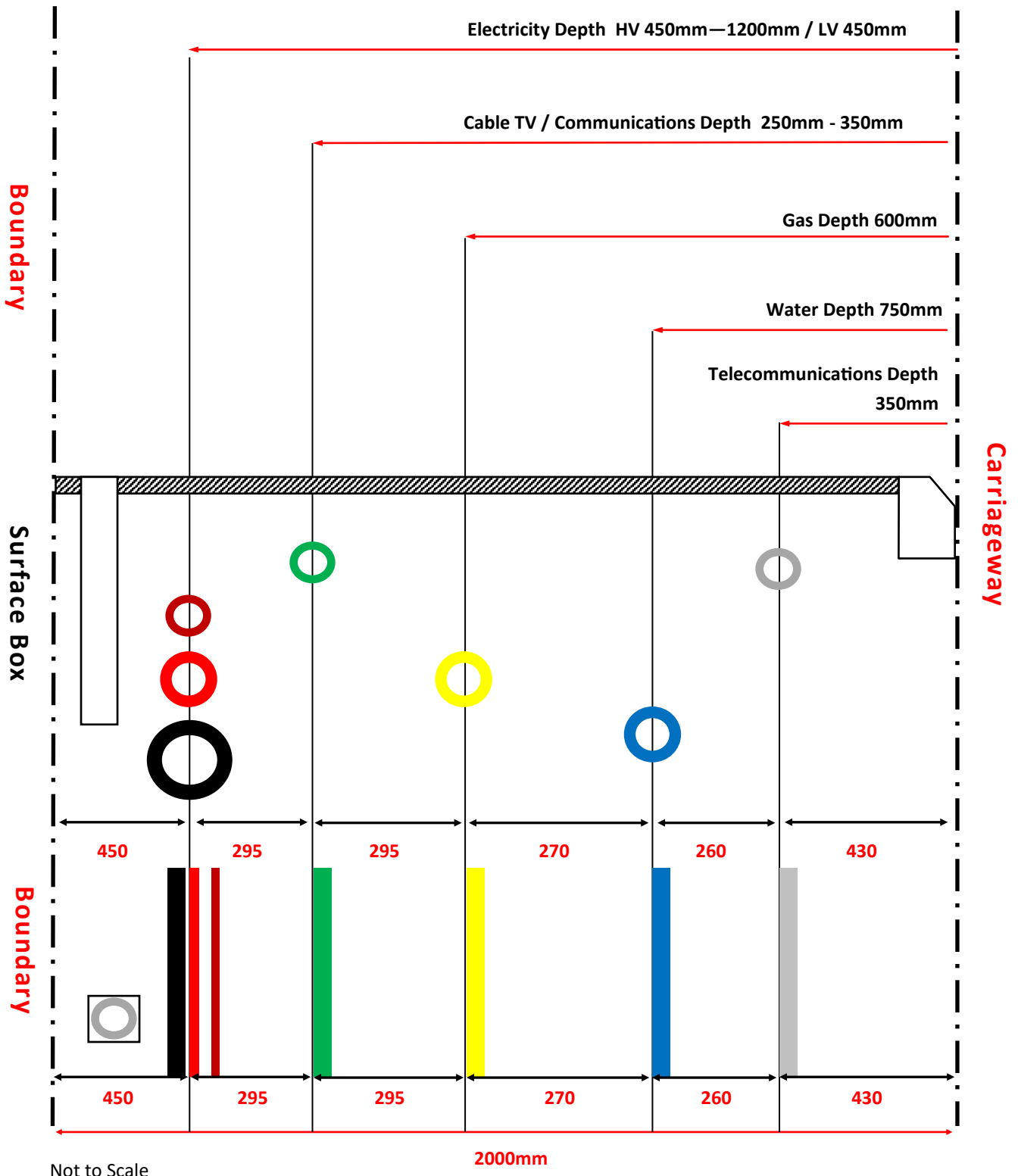
Utility	Duct	Pipe	Cable	Marker Systems	Recommended Minimum Depths	
					Footway Verge	Carriageway
At the time of publication the following were current examples of known highway authority apparatus colour coding but local variations may occur.						
<b>Street Lighting</b>						
<b>England and Wales</b>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



113402



113114

O.S. REF.  
442523  
**SU4213SE**

Title: 333248\_Imperial House, Empress

Drawn by: rohandas

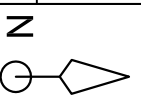
Scale: 1:1250

Date: 29/03/2019

The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy.  
The actual positions should be determined on site.

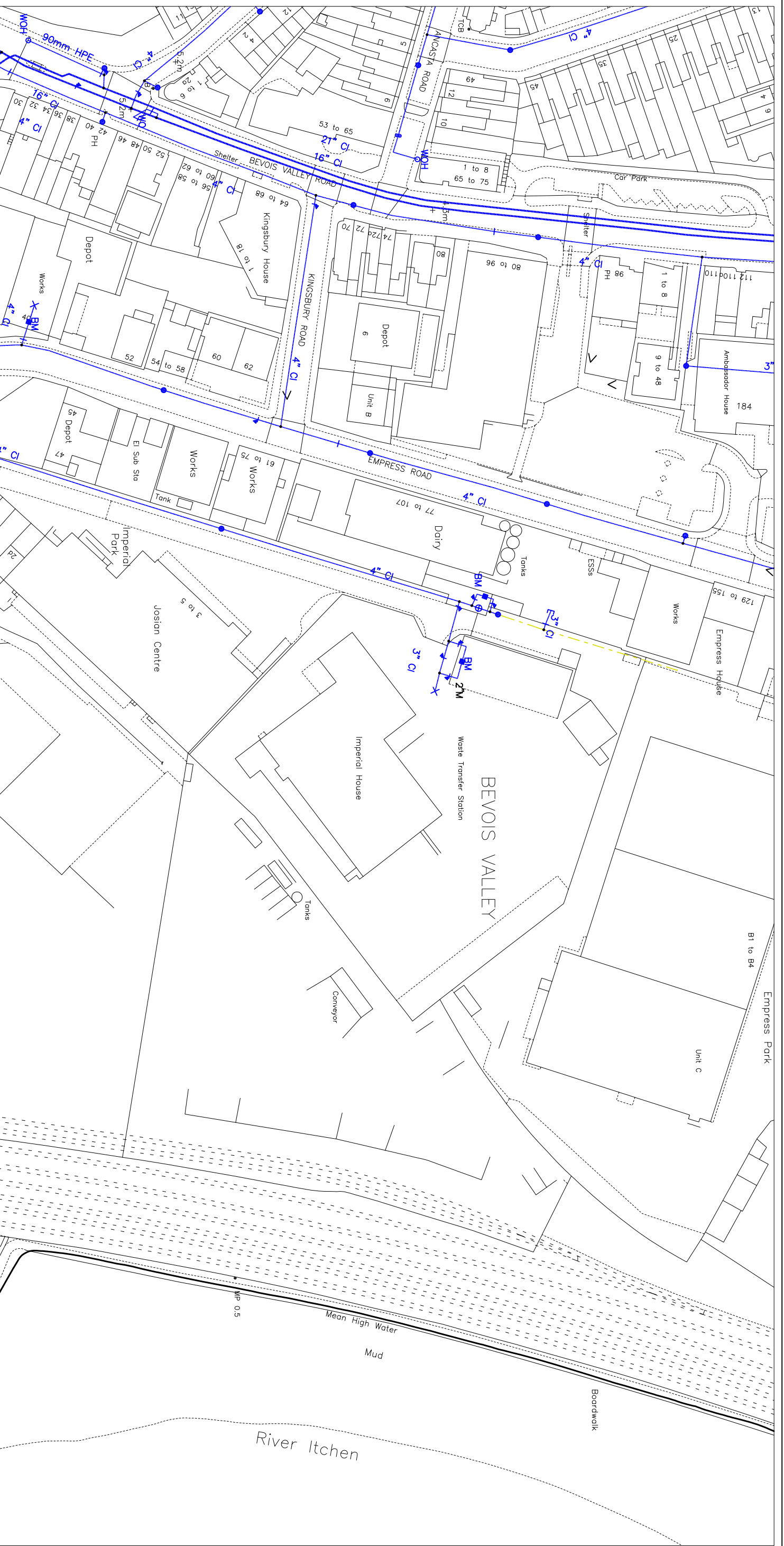
**WARNING:** BAC pipes are constructed of Bonded Asbestos Cement  
**WARNING:** Unknown (UNK) materials may include Bonded Asbestos Cement

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442995





113379

443000

113137

442518

**LEGEND - MAINS**

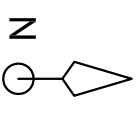
**MATERIALS**

- |   |  |   |  |
|---|--|---|--|
| <ul style="list-style-type: none"> <li>— Distribution Main / Communication pipe</li> <li>— Trunk Main</li> <li>— Raw water main</li> <li>— NP</li> <li>— Abandoned main</li> <li>— Proposed Main</li> <li>— FM</li> <li>— Fire main</li> <li>— Non SWS</li> <li>— Silted valve</li> <li>— Closed valve</li> <li>— Air valve</li> <li>— Butterfly valve</li> <li>— Pressure reducing valve</li> <li>— Reflux valve</li> <li>— Motorised valve</li> </ul> | <ul style="list-style-type: none"> <li>— Clockwise closing valve</li> <li>— Fire Hydrant</li> <li>— Washout</li> <li>— Washout hydrant</li> <li>— Meter</li> <li>— Capped end</li> <li>— Emptying plug</li> <li>— Stopcock</li> <li>— Leak Noise Correlator Survey Point</li> <li>— Anode</li> <li>— Telemetry cable</li> <li>— Access point / hatchbox</li> </ul> | <ul style="list-style-type: none"> <li>□ Dialysis machine</li> <li>■ Break pressure tank</li> <li>● Change node</li> <li>▲ Pumping station</li> <li>▲ Booster station</li> <li>▲ Insertion Flow Meter Point</li> <li>▲ Water tower</li> <li>▲ Service reservoir</li> <li>▲ Water Supply Works</li> <li>▲ Bore hole / Well</li> <li>▲ Intake</li> <li>○ Customer site</li> <li>○ Swab insertion point</li> </ul> | <ul style="list-style-type: none"> <li>AK Alkathene</li> <li>CI Cast iron</li> <li>SI Span (grey) iron</li> <li>CO Concrete</li> <li>DI Ductile iron</li> <li>DI Bonded Asbestos Cement</li> <li>GRP Glass reinforced plastic</li> <li>GRE Glass reinforced epoxy</li> <li>PVC (Unplasticised) Polyvinyl chloride</li> <li>PE Polyethylene</li> <li>ST Steel</li> <li>CSB Concrete segments bolted</li> <li>CSU Concrete segments unbolted</li> <li>GI Galvanised iron</li> <li>DS Ductile sleeve</li> <li>CPS Concrete pre-stressed</li> <li>HPE High performance polyethylene</li> <li>?? Unknown</li> </ul> |
|---|--|---|--|

WARNING: BAC pipes are constructed of Bonded Asbestos Cement

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement

<p><b>Drawn by:</b> rohandas</p>	<p><b>O.S.Ref:</b> SU4213SE</p>
<p><b>Scale:</b> 1:1250</p>	<p><b>TITLE:</b> 333248_Imperial House, Empress</p>
<p><b>Date:</b> 29/03/2019</p>	<p>Based upon Ordnance Survey Digital Data with the permission of the controller of H.M.S.O. Crown Copyright Reserved Licence No. WU 298530.</p>







Our Ref: 15173193      Your Ref: SOUTHAMPTON

Wednesday, 27 March 2019

Thank you for your enquiry dated Wednesday, 27 March 2019

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

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

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

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

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

Safe digging practices in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services" must be used to verify and establish the actual position of the mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all relevant people (direct labour or contractors) working for you on or near gas pipes.

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

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

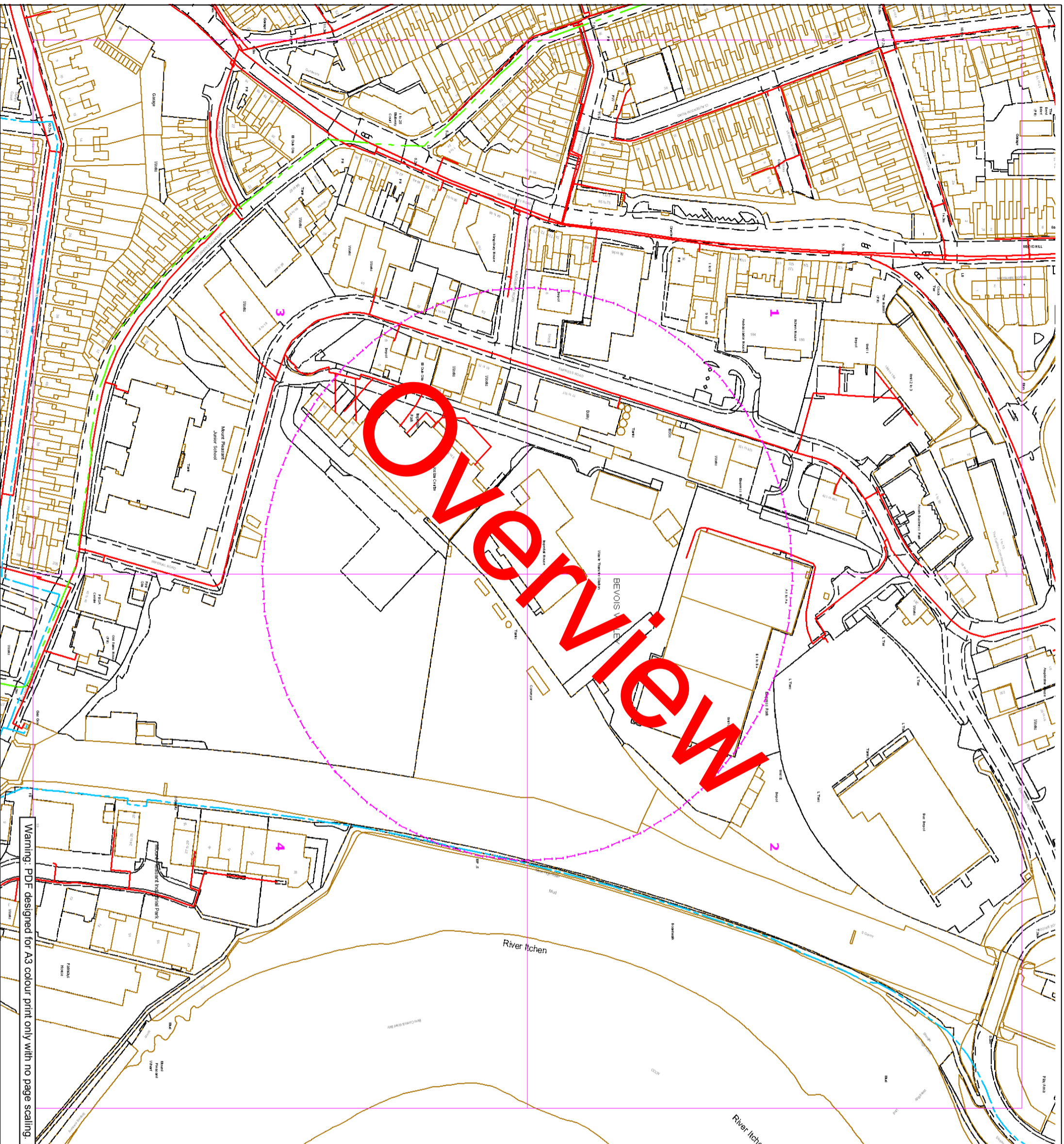
Yours sincerely,  
The Safety Admin Team  
**For more information, visit our Dig Safely pages on [sgn.co.uk](http://sgn.co.uk)**  
Tel: 0800 912 1722

Smell gas?  
Call 0800 111 999

SGN is a brand name of Scotia Gas Networks Limited  
Registered in England & Wales No. 04958135  
Registered Office: St Lawrence House | Station Approach | Horley | Surrey RH6 9HJ

Authorised and regulated by the Financial Conduct Authority





**Contact Us**  
**Mapping Enquiries:**  
 All areas

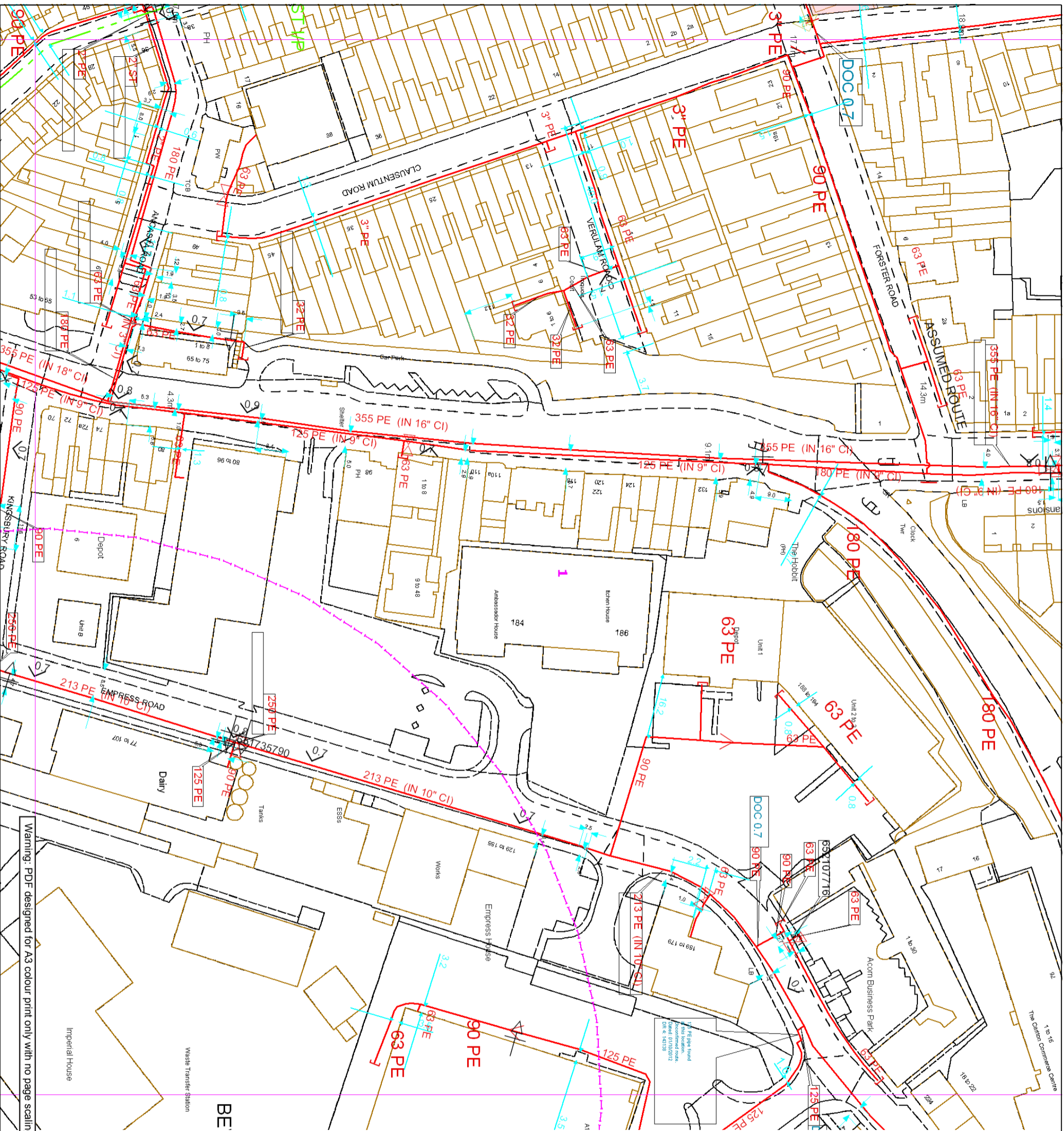
**General Enquiries:**  
 All areas

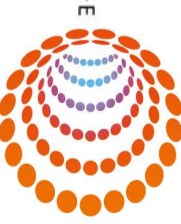
This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

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


- Low Pressure Mains
  - Medium Pressure Mains
  - Intermediate Pressure Mains
  - High Pressure Mains
  - LAS
  - GTS
- Some Examples Of Plant Items
- Valve
  - Siphon
  - Cover
- Digsite: Line: Area:
- SSSIS
  - Diameter Change
  - Material Change

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**SGN**  
Your gas. Our network.



**Contact Us**  
Mapping Enquiries: All areas

**General Enquiries:** All areas

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0800 111 999

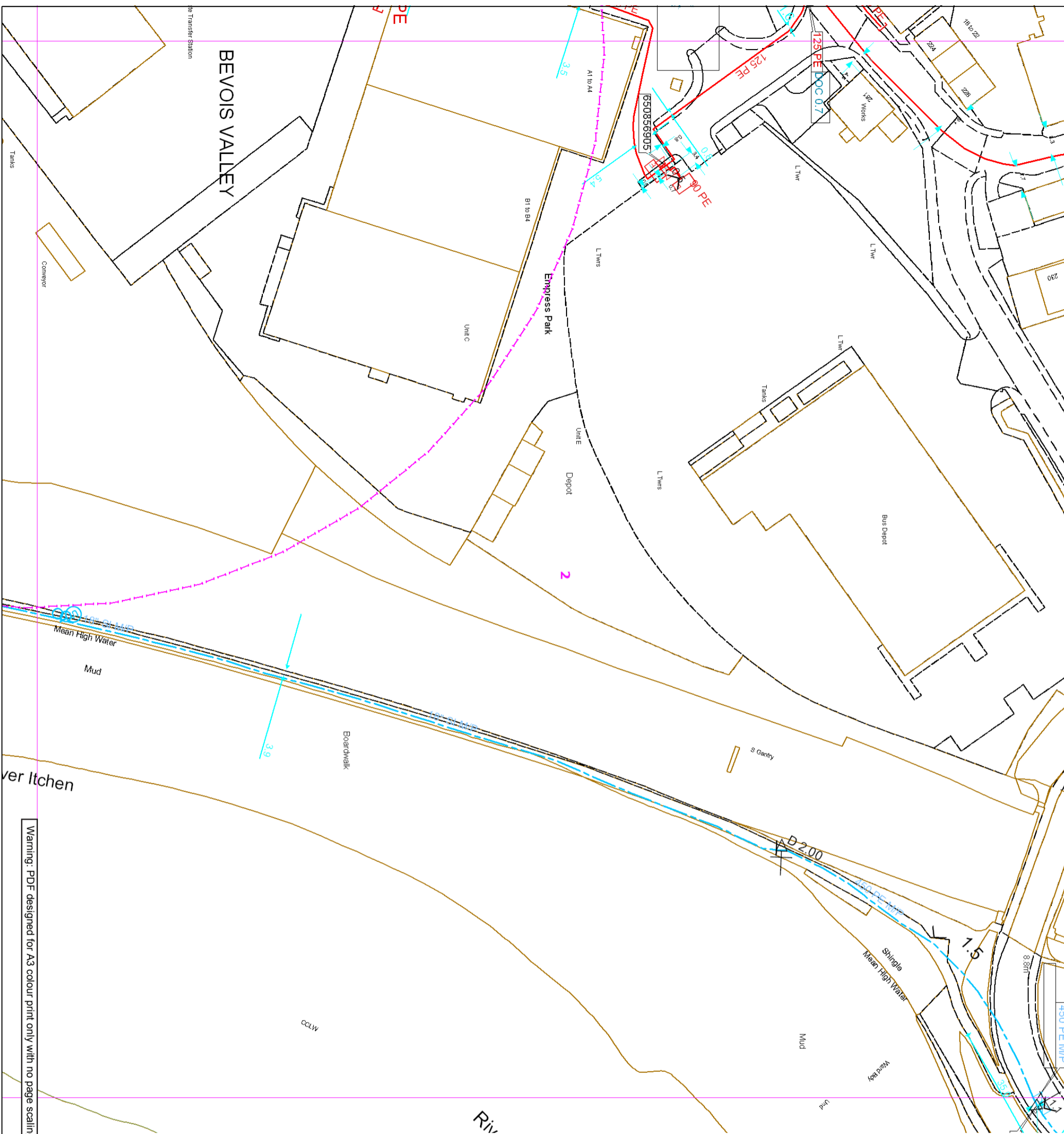
Low Pressure Mains		SSSIS	
Medium Pressure Mains			
Intermediate Pressure Mains			
High Pressure Mains			
LAS			
GTS			

Some Examples Of Plant Items

Valve		Depth of	
Syphon		Cover	
Digster:		Line:	
		Area:	

Diameter Change   
 Material Change

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 0800 111 999

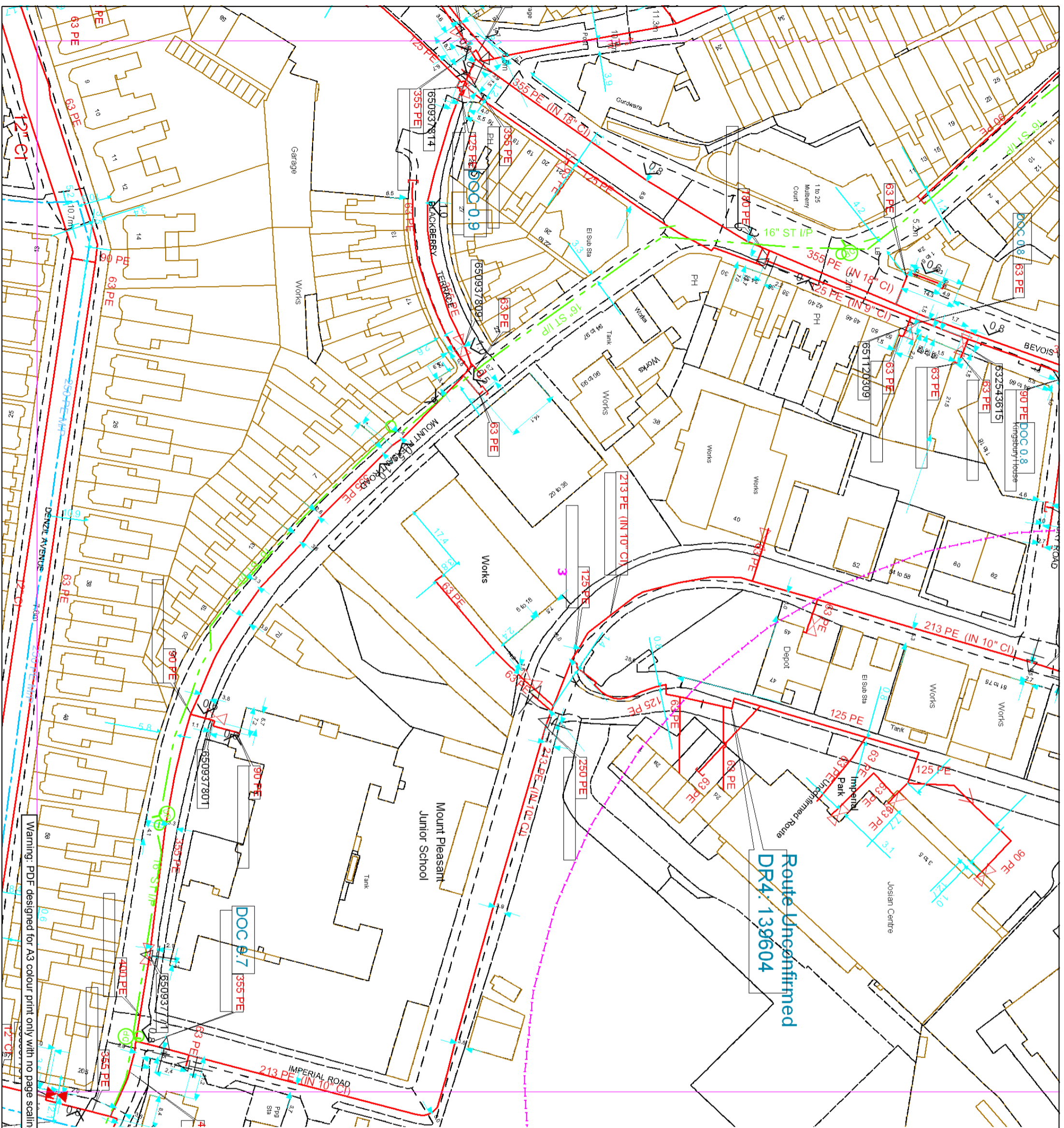
<b>Low Pressure Mains</b>		<b>SSSIS</b>	
<b>Medium Pressure Mains</b>		<b>Diameter Change</b>	
<b>Intermediate Pressure Mains</b>		<b>Material Change</b>	
<b>High Pressure Mains</b>			
<b>LAS</b>			
<b>GTS</b>			

Some Examples Of Plant Items

Valve		Depth of	
Siphon		Change	
Cover		Material	

**Digsite:** Line: Area:

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Route Unconfirmed  
 DR4: 139604

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 General Enquiries: All areas

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 0800 111 999

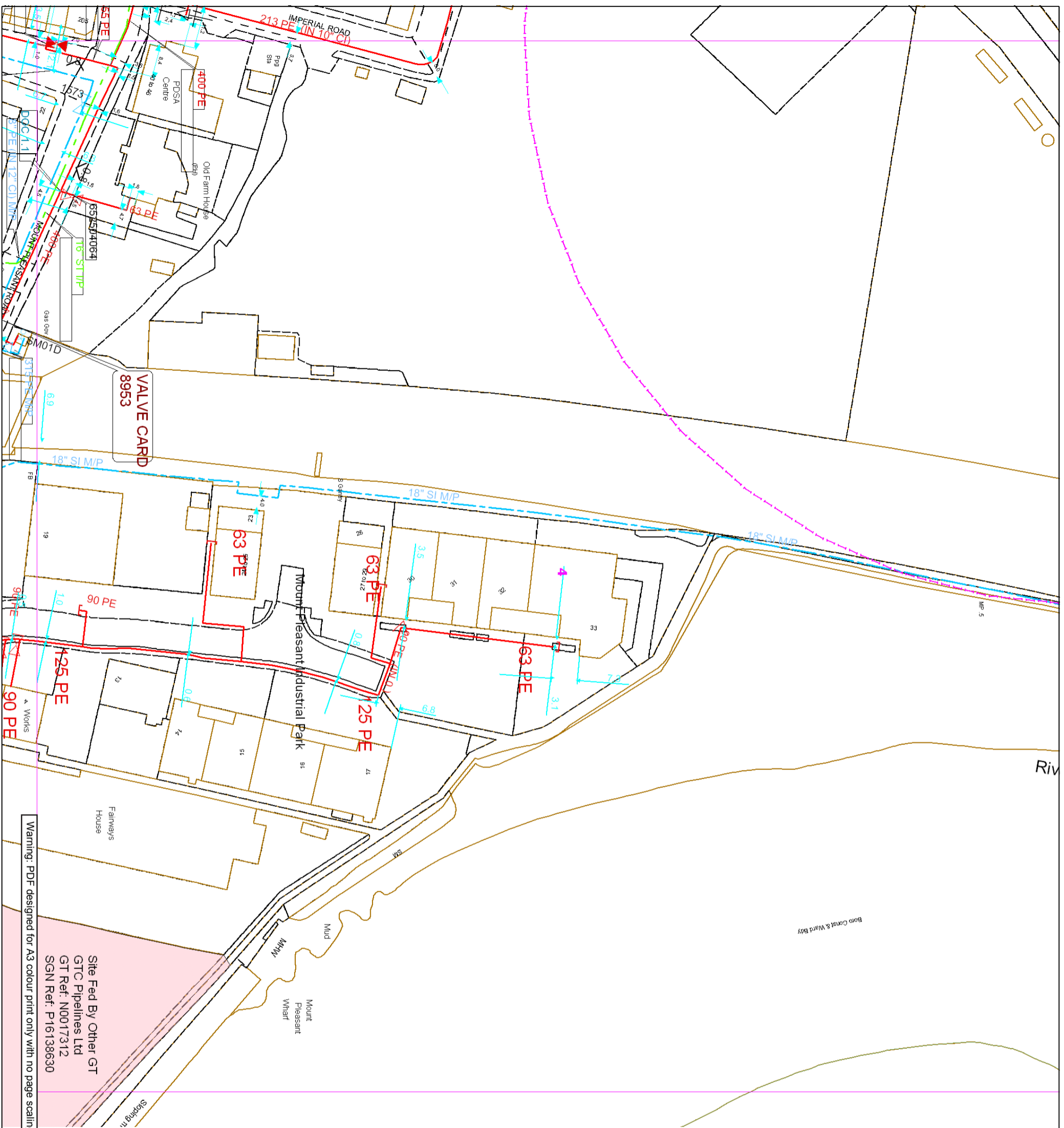
Low Pressure Mains		SSSIS	
Medium Pressure Mains			
Intermediate Pressure Mains			
High Pressure Mains			
LAS			
GTS			

Some Examples Of Plant Items

Valve		Depth of Cover	
Siphon		Diameter Change	
Cover		Material Change	

Digsite: Line: Area:

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 Mapping Enquiries: All areas  
 General Enquiries: All areas

This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

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

Low Pressure Mains		SSSIS	
Medium Pressure Mains			
Intermediate Pressure Mains			
High Pressure Mains			
LAS			
GTS			

Some Examples Of Plant Items

Valve		Depth of Cover	
Siphon		Diameter Change	
Cover		Material Change	







































Digsite: Line: Area:

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

Site Fed By Other GT  
 GTC Pipelines Ltd  
 GT Ref: N0017312  
 SGN Ref: P16138630

Map Symbols

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



# SGN

Your gas. Our network.

## Dig safely

Measures to avoid injury  
and damage to gas pipes



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

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

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

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

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

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

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



## In a gas emergency

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

- Ask people to move away from the area of the gas escape.
- Call **0800 111 999** immediately.

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

### Additional reference material

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





# Making an enquiry for gas mains or services maps

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

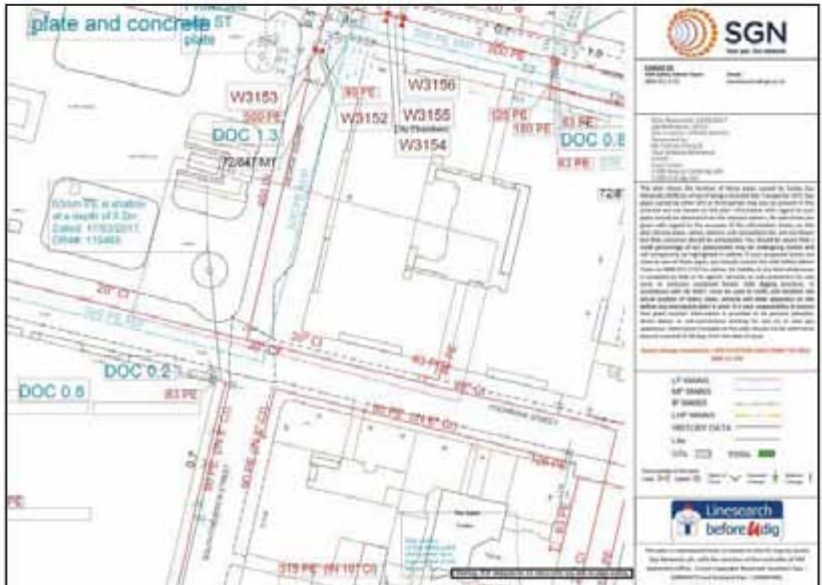
Our simple and easy to use online mapping system is available 24/7, 365 days a year.

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

## What you're likely to be sent

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

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



Example of a gas map

Note: Service pipes are not shown on our maps

# When working near our gas mains and services

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## Safe system of work

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

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

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## Financial

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

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

## HSE

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

## Minimum safe working distances

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

## Surface boxes and manholes

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

## Deep excavations

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



## Crossing our mains or services

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

## Exposed plant

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

## Hot work

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

## Backfilling

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

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

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

## Access





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





## Mechanical excavation

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

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

# Major accident hazard pipelines

## High pressure pipeline

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



Pipeline markers

## High pressure

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

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





## Wind turbines

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



# Tree planting

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

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

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

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



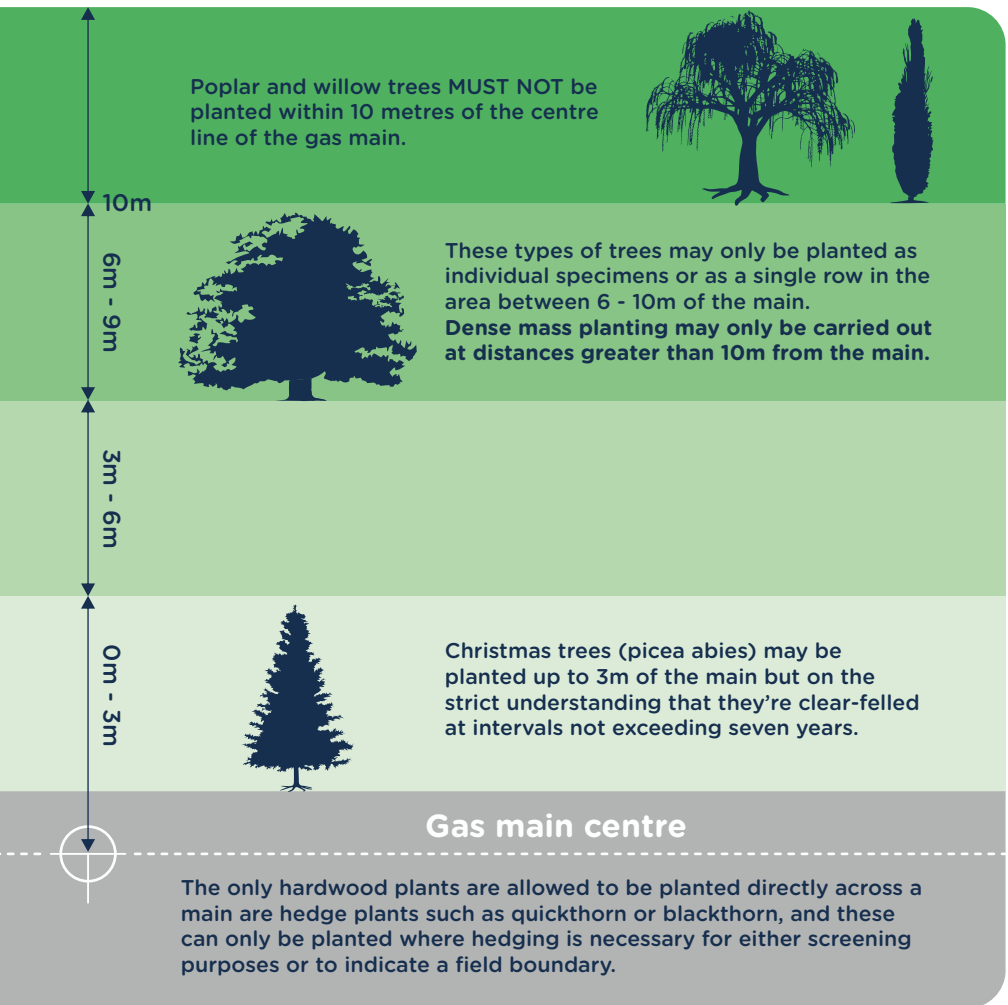
In cases where screening is required, the following are shallow rooting and may be planted close to the gas mains and services: blackthorn, broom, cotoneaster, elder, hazel, laurel, quickthorn, privet, snowberry and most ornamental shrubs.

## Gas main centre

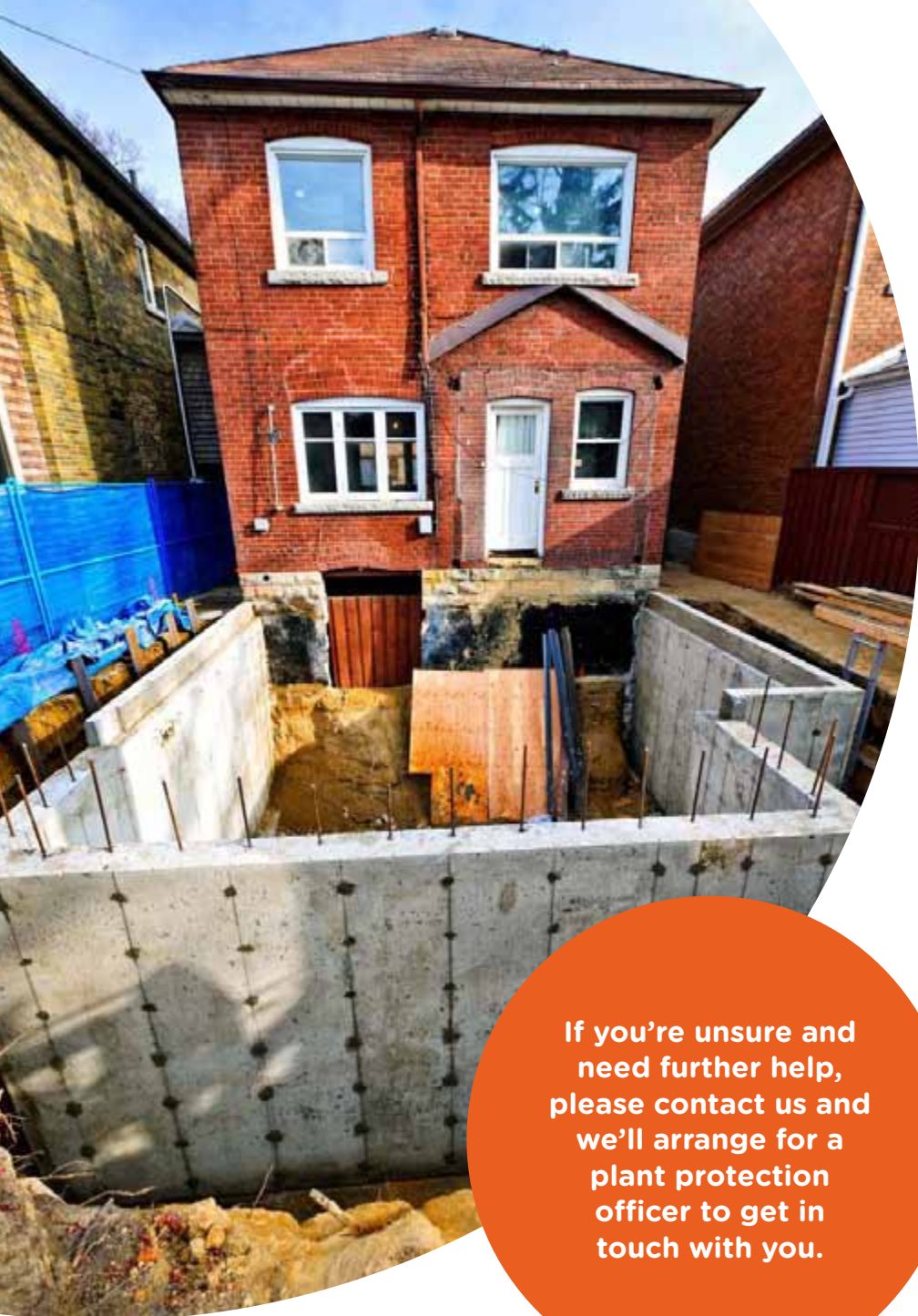
Raspberries, gooseberries and blackcurrants may be planted on the gas main, but a four metre strip, centred on the main, **MUST** be left clear at all times.

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

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



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



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

# Gas services/work in gardens

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

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



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



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



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



**0800 912 1722** \*

\*All calls are recorded and may be monitored

**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:** 28/03/2019

**Our Ref:** XX\_XX\_3SWP\_533085

**Your Ref:** Imperial House (LMW)

**RE: Proposed Works, SO14 0JW, Imperial House, Empress Road, Southampton, Hampshire**

Thank you for your enquiry which was received on 27/03/2019.

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

27/03/2019

## Your Reference

Imperial House (LMW)

## Location

Centre Point: 442784, 113259

X Extent: 214

Y Extent: 194

Postcode: SO14 0JW

Location Description: SO14 0JW, Imperial House, Empress Road, Southampton, Hampshire

## 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

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

**Our Plant Enquiry Service Ref: 946778**

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

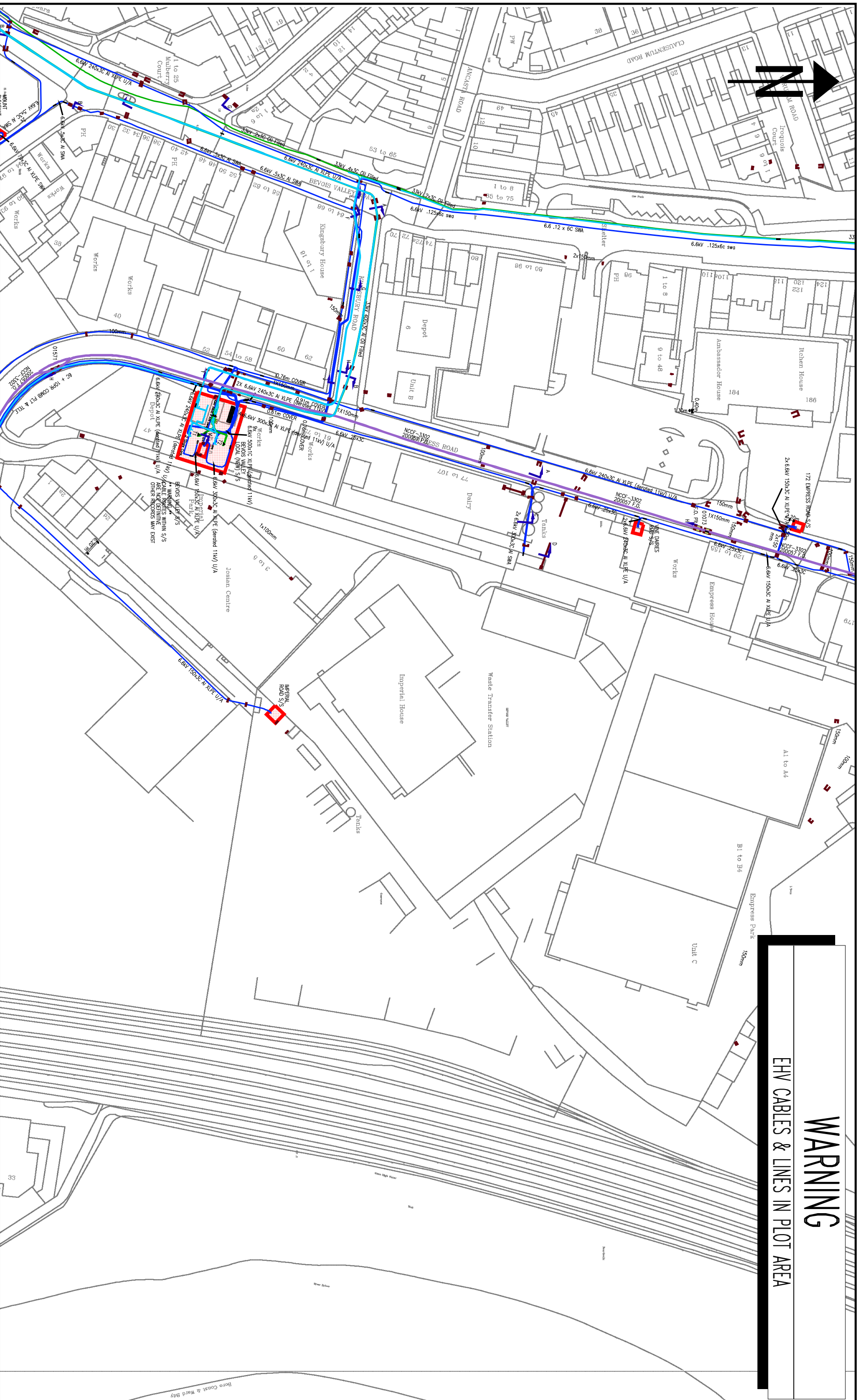
If you have any queries or require any further information please do not hesitate to contact us.

**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)





# WARNING

## EHV CABLES & LINES IN PLOT AREA

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

services l.v. h.v. e.h.v.

FOOTPATH 0.40m 0.45m 0.60m 0.75m

ROAD CROSSING 0.60m 0.60m 0.75m 0.90m

L.V./services - up to 1000V.

h.v. - over 1000V. to 11,000V.

e.h.v. - 22,000V. to 132,000V.

### WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) or (G) books from the relevant authority should be consulted before commencing excavation work. (available from the HS2) WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTS G58 SHOULD BE CONSULTED. (AVAILABLE FROM THE HS2)

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Southern Electric Power Distribution plc  
Registered Office: 1 Redbury Place,  
43 Forbury Road, Reading, RG1 3AH

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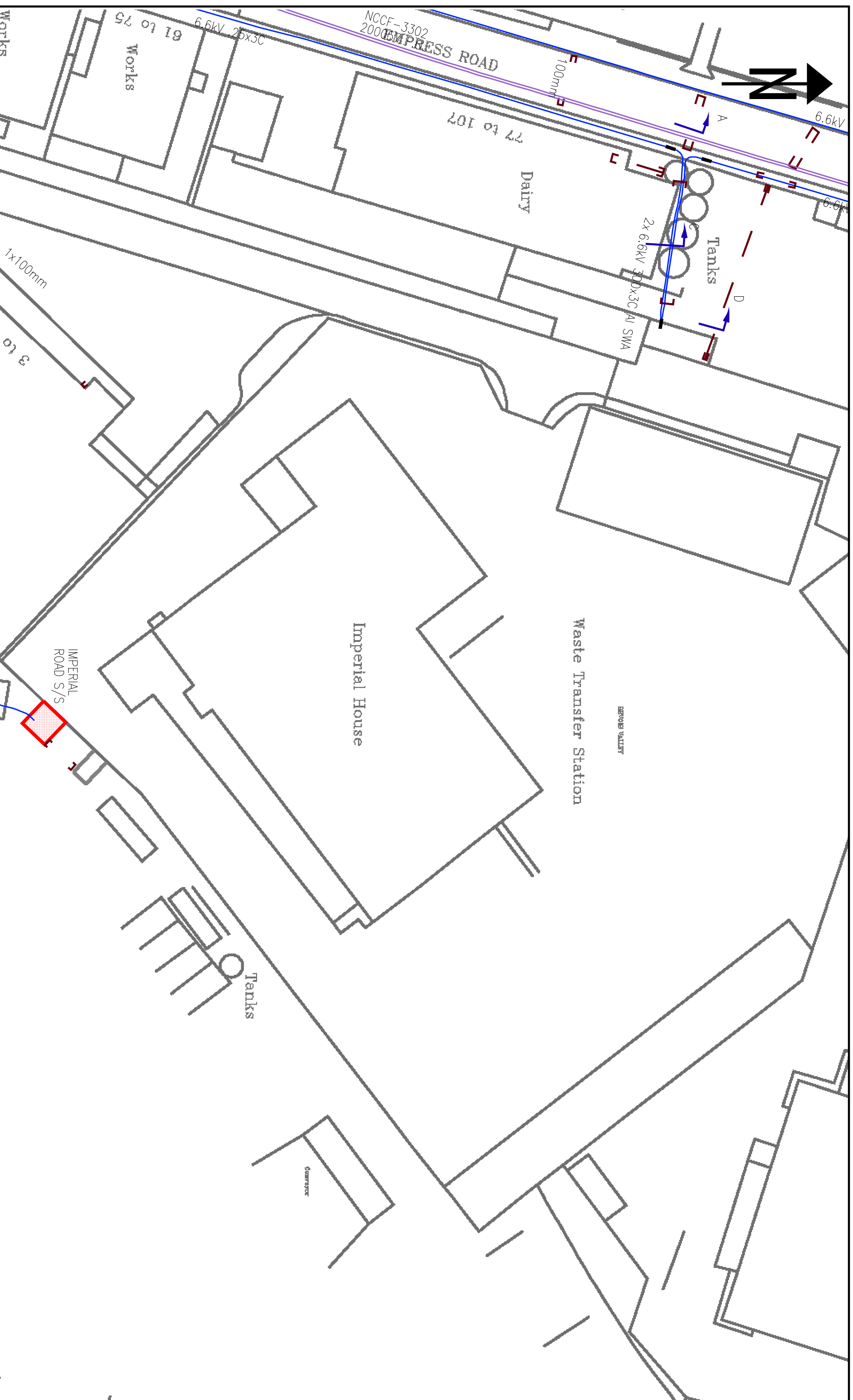
NEW FOREST  
023-8081-7300

Grid Ref: su42751325

Scale: 1:1250

Date: 27/03/2019

HV



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

services	l.v.	h.v.	e.h.v.	
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
L.V./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

**WARNING**

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (9) of the HSE's H53 (1997) should be consulted before commencing excavation work. (available from the HSE)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G50 SHOULD BE CONSULTED. (AVAILABLE FROM THE HSE)

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Scottish & Southern  
Electricity Networks

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NEW FOREST  
023-8081-7300

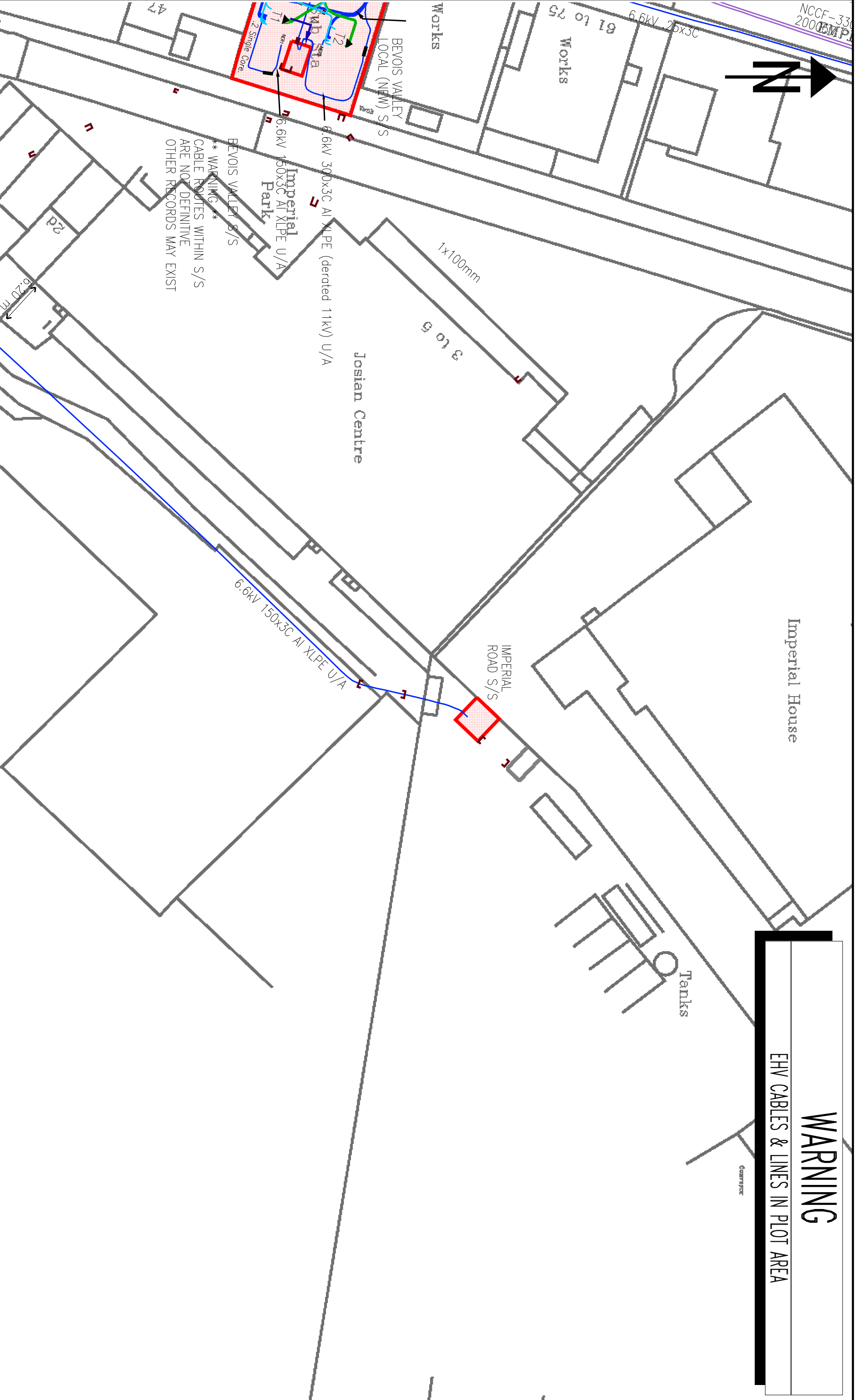
Grid Ref: su42751325

Scale: 1:500

Date: 27/03/2019

HV

NCCF-330  
2000 SMP



BEVOIS VALLEY S/S  
**\*\* WARNING \*\***  
 CABLE ROUTES WITHIN S/S  
 ARE NOT DEFINITIVE  
 OTHER RECORDS MAY EXIST

**WARNING**

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) or Booklet from the relevant Authority should be consulted before commencing excavation work. (available from the HS)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTIS 630 SHOULD BE CONSULTED. (AVAILABLE FROM THE HS)

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Southern Electric Power Distribution plc  
 Registered Office: 1 Fenchurch Place,  
 Fenchurch Lane, London, EC3A 3AF  
 43 Fenchurch Road, Reading, RG1 3AH

**WARNING**  
 EHV CABLES & LINES IN PLOT AREA

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
services	lv.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m
ROAD CROSSING	0.60m	0.60m	0.75m
l.v./services	- up to 1000V.		
h.v.	- over 1000V. to 11,000V.		
e.h.v.	- 22,000V. to 132,000V.		

hv_1250_500	NEW FOREST 023-8081-7300
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Grid Ref:	su42751319
Scale:	1:500
Date:	27/03/2019
HV	



# WARNING

EHV CABLES & LINES IN PLOT AREA

# WARNING

services	l.v.	h.v.	e.h.v.	
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
L.V./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. BS (9) 77 Booklet from the Institution of Electrical Engineers should be consulted before commencing excavation work. (available from the IEE)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G58 SHOULD BE CONSULTED. (AVAILABLE FROM THE IEE)

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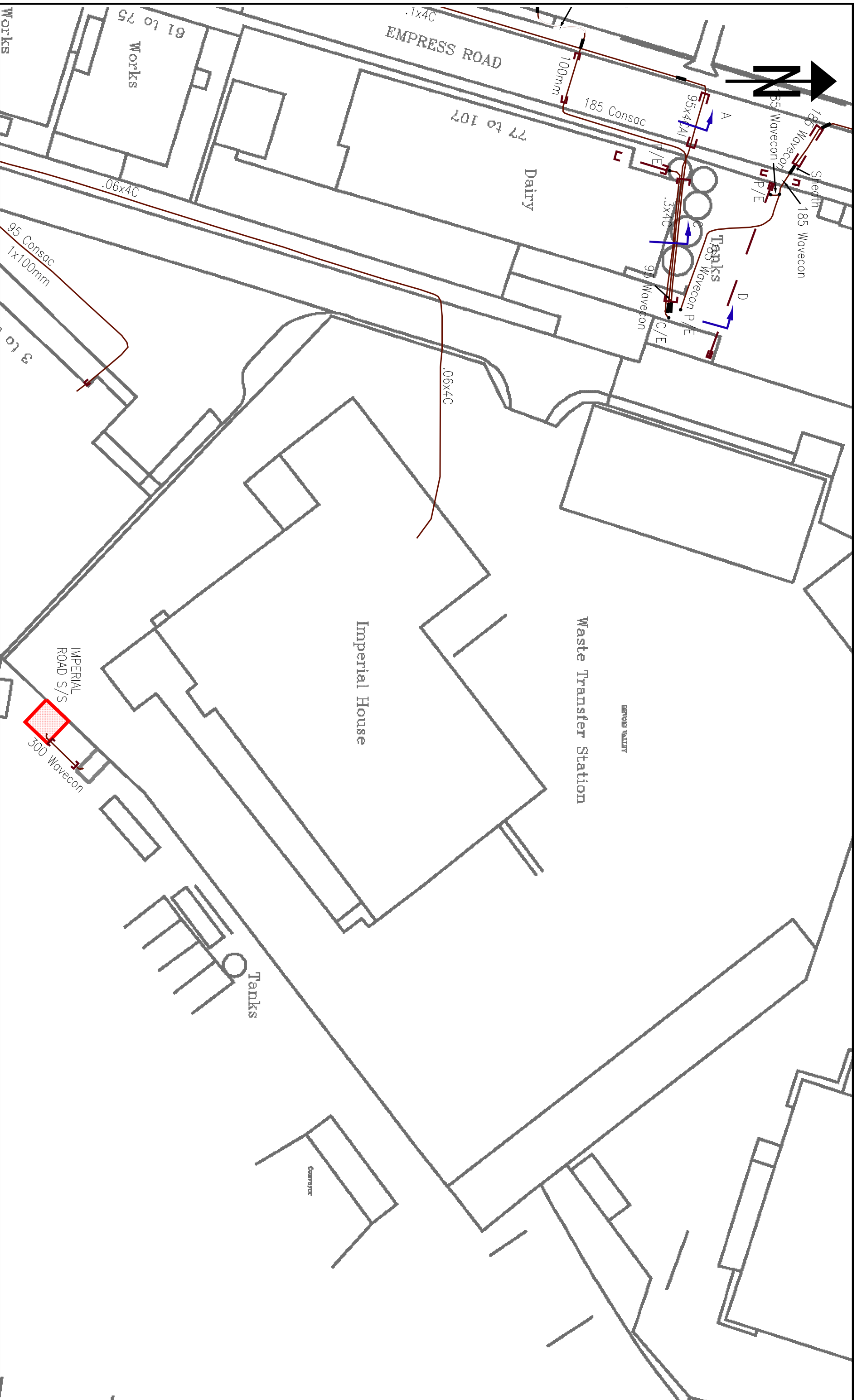
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IV_1250_500	NEW FOREST	023-8081-7300
Grid Ref: su42751325	Scale: 1:1250	Date: 27/03/2019
		LV





NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

services	l.v.	h.v.	e.h.v.
----------	------	------	--------

FOOTPATH	0.40m	0.45m	0.60m	0.75m
----------	-------	-------	-------	-------

ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
---------------	-------	-------	-------	-------

L.V./services – up to 1000V.  
h.v. – over 1000V. to 11,000V.  
e.h.v. – 22,000V. to 132,000V.

**WARNING**

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (9) of C/S should be consulted before commencing excavation work. (available from the HS9) WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G50 SHOULD BE CONSULTED. (AVAILABLE FROM THE HS9)

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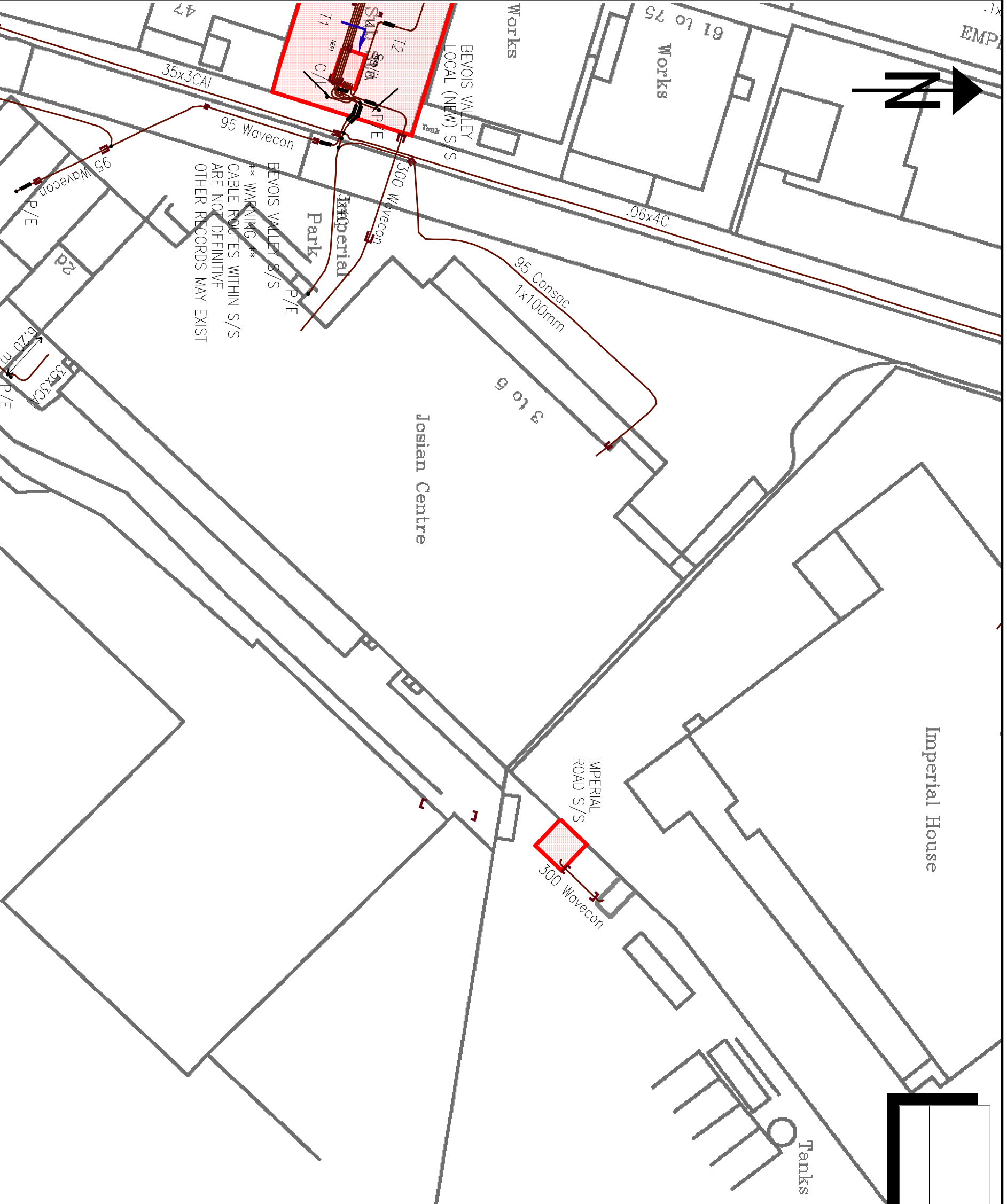


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023-8081-7300

Grid Ref: su42751325

Scale: 1:500

Date: 27/03/2019  
LV



**WARNING**  
EHV CABLES & LINES IN PLOT AREA

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

services	l.v.	h.v.	e.h.v.	
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m

L.V./services  
- up to 1000V.  
h.v.  
- over 1000V. to 11,000V.  
e.h.v.  
- 22,000V. to 132,000V.

**WARNING**

\*\* WARNING \*\*  
CABLE ROUTES WITHIN S/S  
ARE NOT DEFINITIVE  
OTHER RECORDS MAY EXIST

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lv\_1250\_500

NEW FOREST  
023-8081-7300



Grid Ref: su42751319

Scale: 1:500

Date: 27/03/2019

LV

## **Watch it!**

### **Safety advice brought to you by Scottish and Southern Electricity Networks**

These notes are intended to help all those who have to work in the vicinity of electrical apparatus. Employers have a legal obligation to ensure that their operatives are fully instructed in the correct procedures.

**The Electricity at Work Regulations 1989** impose health and safety requirements upon employers, employees and self-employed persons with respect to electricity at work. The regulations impose restrictions on persons being engaged in work activities on or near live conductors.

**Regulation 14 requires that:** "No person shall be engaged in any work activity on or near any live conductor (other than one suitably covered with insulating material so as to prevent danger) that danger may arise unless:

- ◆ it is **unreasonable** in all circumstances for it to be dead; and
- ◆ it is **reasonable** in all circumstances for him to be at work on or near it while it is live; and
- ◆ suitable precautions (including where necessary the provision of suitable protective equipment) are taken to prevent injury."

The purpose of the regulations is to require precautions to be taken against the risk of death or personal injury from electricity in work activities.

### **Publications**

The Health and Safety Executive have produced a document entitled 'Avoiding Danger from Underground Services', and the Appendix 1 deals specifically with electric cables. Copies are available from the HSE's Accredited Agents and good booksellers, Ref: HS (G) 47.

Copies of Health and Safety Guidance note GS 6 relating to safe working in proximity to overhead lines, are available from the Health and Safety Executive's website - [www.hse.gov.uk](http://www.hse.gov.uk).

### **Note**

**In situations of emergency or danger, or where the advice contained in these notes cannot be followed, you must consult Scottish and Southern Electricity Networks immediately. Tel. 0800 072728 for southern England or 0800 300999 for Scotland.**

**Additional copies of these "Watch it!" leaflets can be obtained from our Asset Data Team office upon request. Tel. 01256 337294, or Fax 01256 337295.**

You must read and accept the following safety notes as part of the contract to receive our network plans. You will have the option to print these and issue them to site staff.

### **Watch it! - Working in the vicinity of underground cables**

Our plans show the positions and normal depths for the buried cables and pipes at the time when they were installed. However, alterations to road alignments surface levels and buildings may have occurred subsequently without our knowledge. If you discover plant or cables that are not marked or incorrectly marked, then you are required to contact us as soon as possible to give us the opportunity to amend our plans.

These plans show the equipment owned by Scottish and Southern Electricity Networks. There may be other privately owned plant in the area, which is outside of our control. You should always check with the Local Authority, National Grid Company, Department of the Environment, other Electricity Companies and other utilities before proceeding.

It is not intended that the issue of these plans will absolve either party from their obligation under any of the acts that control digging in the public highways.

### **Supplies To Properties, etc.**

The location of cables supplying individual properties, street lighting, traffic signs, telephone kiosks etc. are not always shown on the plans. You should assume that each property, streetlight etc. will have its own supply cable.

### **Major Circuits**

Where our plans indicate the presence of cables with a voltage exceeding 11,000 volts, you are advised to contact our local depot (telephone number is on the plans), before commencing any excavations within the vicinity of these cables. These major circuits form an extremely important link in Scottish and Southern Electricity Networks' networks, and damaging or modifying these circuits is a major and costly undertaking. Any development should therefore be designed to allow these circuits to remain undisturbed and accessible in their present location.

For your own and your workmates' safety, please follow the **do's** and **don'ts** listed below:

- ✓ **do** make sure you have plans of the underground cables in the area **before** any excavation work starts. Remember that some cables may not be shown on plans. If carrying out emergency work, excavate as though there are buried live cables in the vicinity.
- ✓ **do** use a cable locator to determine the position of existing cables in the work area. The positions should be marked and tests made as work proceeds. **If in doubt, get advice from your supervisor.**
- ✓ **do** ask for a cable to be made dead if it is buried in concrete.
- ✓ **do** watch for signs of cables as work progresses. Note any marker-tape or cable-cover, which may be exposed

- ✓ **do** backfill carefully, using stone-free soil around the cables, replacing marker-tapes and / or covers.
- ✓ **do** notify us immediately if you accidentally damage our cables. Arrange to keep people well clear of a cable that has been damaged until we have confirmed it has been made safe.
- ✓ **do** make sure before starting to demolish a building that all cables have been disconnected. We welcome prior notice of the intention to demolish buildings. This enables us to ensure that the site has been made safe electrically.
- ✓ **don't** operate a bulldozer, scraper, dragline or excavator, unless you are satisfied that there are no buried cables in the working area.
- ✓ **don't** use picks, pins, forks or pointed instruments in soft clay or soil when cables are present. Exercise extreme caution where such instruments are used to free lumps of stone, or break up firmly compacted ground. **Never** throw a fork or sharp instrument into the ground.
- ✓ **don't** dig trial holes over the indicated route of the cable. Excavate alongside instead.
- ✓ **don't** use exposed cables as a convenient step or handhold.
- ✓ **don't** handle or attempt to alter the position of any cable.

**Remember** that a damaged cable may cause extensive loss of supplies, make expensive repairs necessary and cause serious or even fatal injury.

If effective measures are not adopted to protect our equipment, we will take steps to recover the cost of any damage caused. Persons causing damage resulting in loss of supply to customers can be held legally responsible for any claims made by those customers. Promptness in reporting an incident will minimise costs.

In most cases it is not practicable to make cables dead without interrupting supplies to our customers. But given adequate notice, we will wherever possible, give advice regarding special precautions which may be necessary on any site where particular problems are likely to be encountered. The right is reserved to make a charge for this service.

Electricity cables can exist anywhere - under paths or roads, in gardens or driveways, on new housing or industrial development sites or even farmland.

### **Watch it! - Working in the vicinity of overhead lines**

For your own and your workmates' safety, please follow the **do's** and **don'ts** listed below

- ✓ **do** carefully note the position of all overhead lines before commencing work.
- ✓ **do** co-operate with us during planning and sitework stages.
- ✓ **do** follow the advice given in HSE Guidance Note GS 6 when siting barriers, goal posts, bunting etc.
- ✓ **do** keep overhead lines in view when moving scaffolding or machinery and take special care when felling or lopping trees.
- ✓ **do** remember that the raising or slewing of a crane or excavator jib may cause danger when operating near an overhead line.

- ✓ **do** avoid any machinery that is in contact with an overhead line until we confirm that conditions are safe.
- ✓ **do** warn others to keep well clear.
- ✓ **don't** drive a high vehicle below an overhead line when an alternative route is available.
- ✓ **don't** raise the bed of a tipper lorry beneath an overhead line or drive under the line with the body of the vehicle raised.
- ✓ **don't** steady any suspended load until you are satisfied that there is no danger from overhead lines.
- ✓ **don't** handle or use scaffold platforms, poles, pipes or ladders unless they are at a safe distance from overhead lines.
- ✓ **don't** transport long objects beneath overhead lines, unless they are carried in a horizontal position.
- ✓ **don't** approach or touch any broken or fallen overhead lines.

### **Always remember that:**

- Electricity can jump gaps.
- Contact or near contact with a crane jib, scaffold or ladder can cause a discharge of electricity with a risk of fatal or severe shock and burns to any person in the vicinity.

If effective measures are not adopted to protect our equipment, we will take steps to recover the cost of any damage caused. Persons causing damage resulting in loss of supply to customers can be held legally responsible for any claims made by those customers. Promptness in reporting an incident will minimise costs.

In most cases it is not practicable to make overhead lines dead without interrupting supplies to customers. However, provided adequate notice is given, then we will, whenever possible, give advice regarding special precautions which may be necessary on site where specific problems may be encountered. The right is reserved to make a charge for this service.

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# 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)

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## KEY TO BT SYMBOLS

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

BT Ref : FPM07396X  
Map Reference : (centre) SU4275913258  
Easting/Northing : (centre) 442759,113258  
Issued : 28/03/2019 07:40:16

**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.

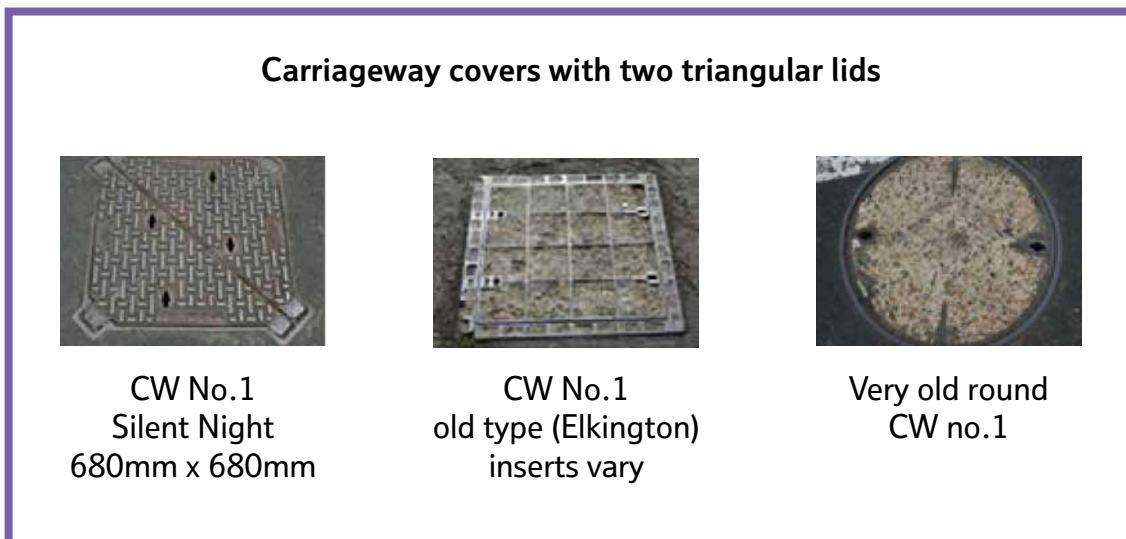


## Carriageway covers

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



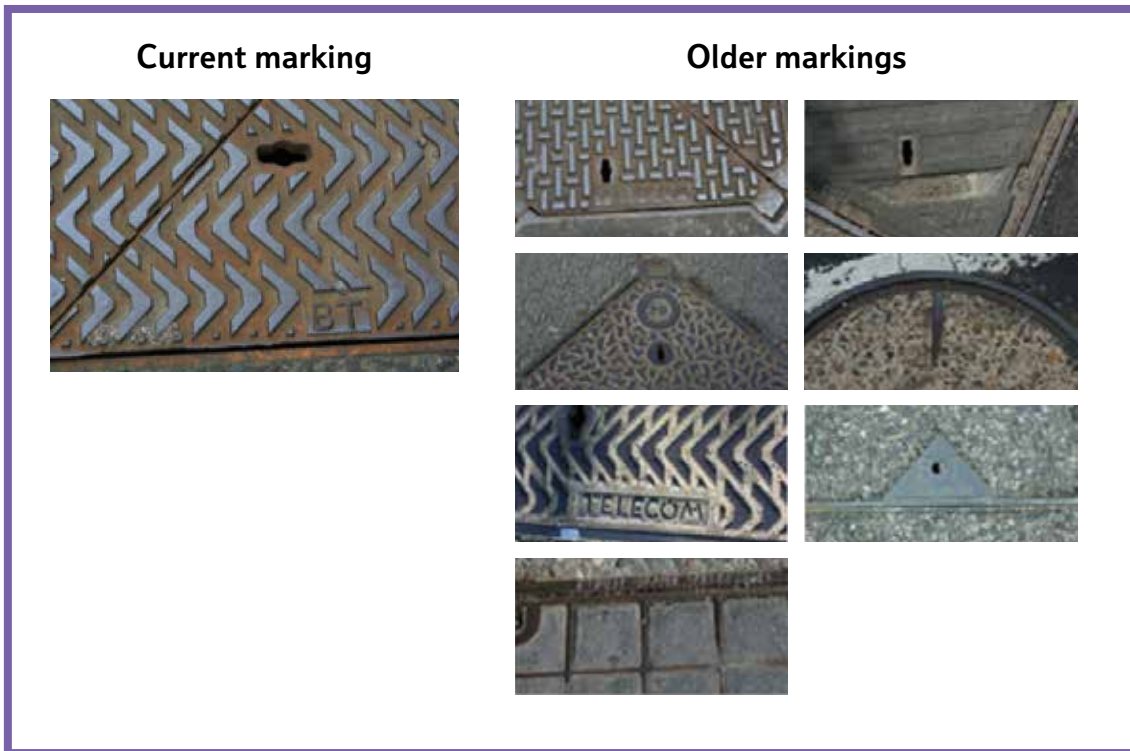
JF5

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

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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/asp/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)*





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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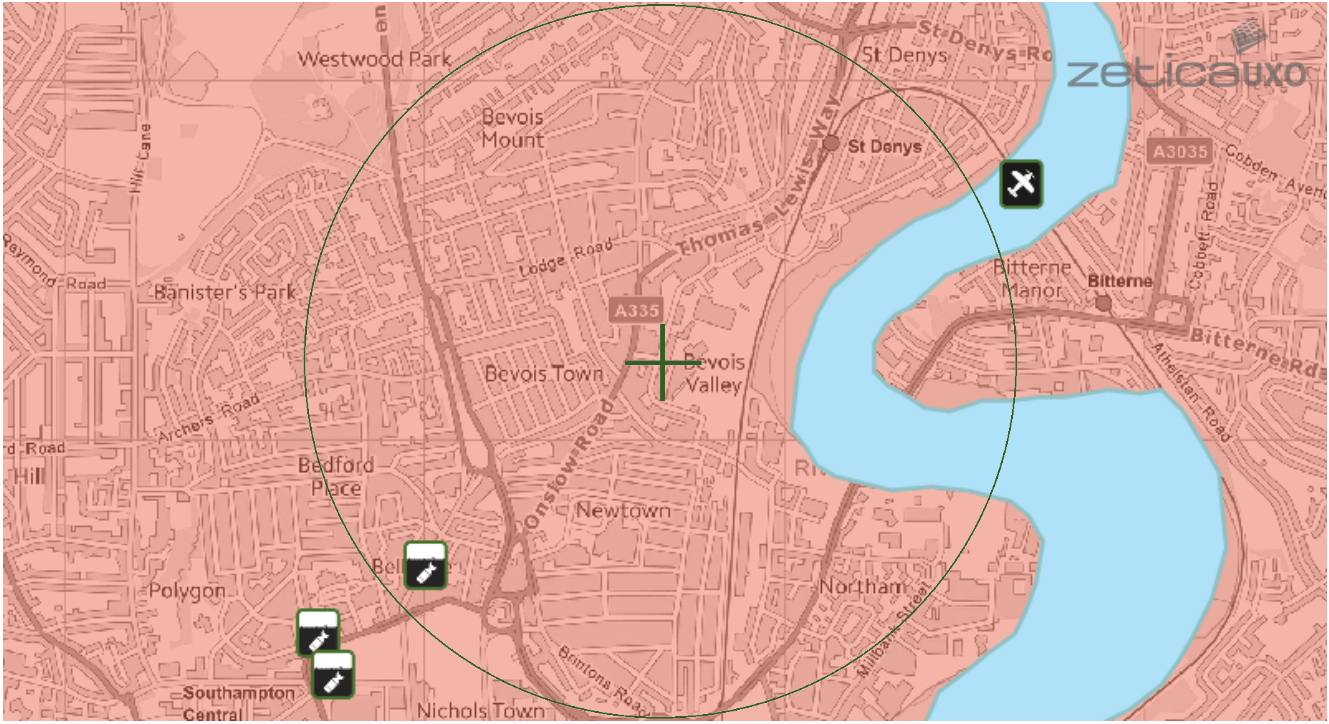
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# UNEXPLODED BOMB RISK MAP



## SITE LOCATION

Location: SO14 0JW,  
Map Centre: 442668,113219



## 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 (Affected)

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Date: 27/03/19

Scale: 1:2029

Map Centre: 442759, 113258

Data updated: 01/03/19

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 losses 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



utility@virginmedia.com





Bevvois  
 Y...

## LEGEND

- EXISTING PLANT
- EXISTING PLANT

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Select a blimpap

Head Office CityFibre Holdings Ltd 15 Bedford Street, London, WC2E 8HE	Asset Office CityFibre Holdings Ltd, Rutherford House, Rutherford, Walsley, WA3 6ZH
Tel: 0845 293 0774 Web: <a href="http://www.cityfibre.com">www.cityfibre.com</a>	Email: <a href="mailto:asset.team@cityfibre.com">asset.team@cityfibre.com</a>

**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.

<b>Project</b> Plant Enquiry	
<b>Drawing</b> Existing Plant	Drawn by: smallworld
Drawing No. CFH_EP_000001	Date: 31/03/2019
Revision 001	

## Communications (None Affected)

---

**Enquirer**

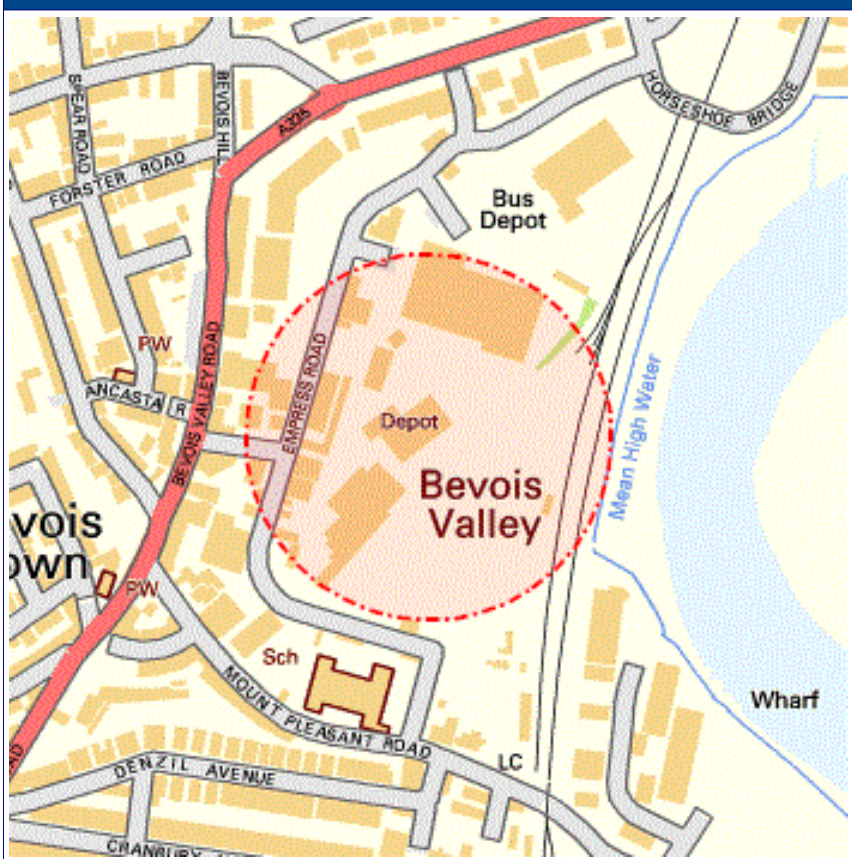
Name		Phone	
Company		Mobile	Not Supplied
Address			
Email			

**Enquiry Details**

Scheme/Reference	SOUTHAMPTON		
Enquiry type	Planned Works	Work category	Utility Works
Start date	29/03/2019	Work type	Multiple excavations site
End date	20/04/2019	Site size	305 metres diameter
Searched location	XY= 442759, 113258	Work type buffer*	25 metres
Confirmed location	442770 113241		
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.

**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
SGN	08009121722	0800111999	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	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 PLC
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)
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)	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	Wales and West Utilities	Western Power Distribution
Westminster City Council	Wingas Storage UK Ltd	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
Energetics Electricity	<a href="mailto:plantenquiries@energetics-uk.com">plantenquiries@energetics-uk.com</a>	01698404646	Not Notified
ENGIE	<a href="mailto:nrswa@cofely-gdfsuez.com">nrswa@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
Network Rail	<a href="mailto:OPBuriedServicesEnquiries@networkrail.co.uk">OPBuriedServicesEnquiries@networkrail.co.uk</a>	01904523401	Not Notified
Scottish and Southern Energy	<a href="mailto:asset.data@sse.com">asset.data@sse.com</a>	01256337294	Not Notified
Sky UK Limited	<a href="mailto:nrswa@sky.uk">nrswa@sky.uk</a>	02070323234	Not Notified
Sota	<a href="mailto:SOTA.plantenquiries@instalcom.co.uk">SOTA.plantenquiries@instalcom.co.uk</a>		Not Notified
Southern Water	<a href="mailto:searches@southernwater.co.uk">searches@southernwater.co.uk</a>	08452700212	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

#### 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/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

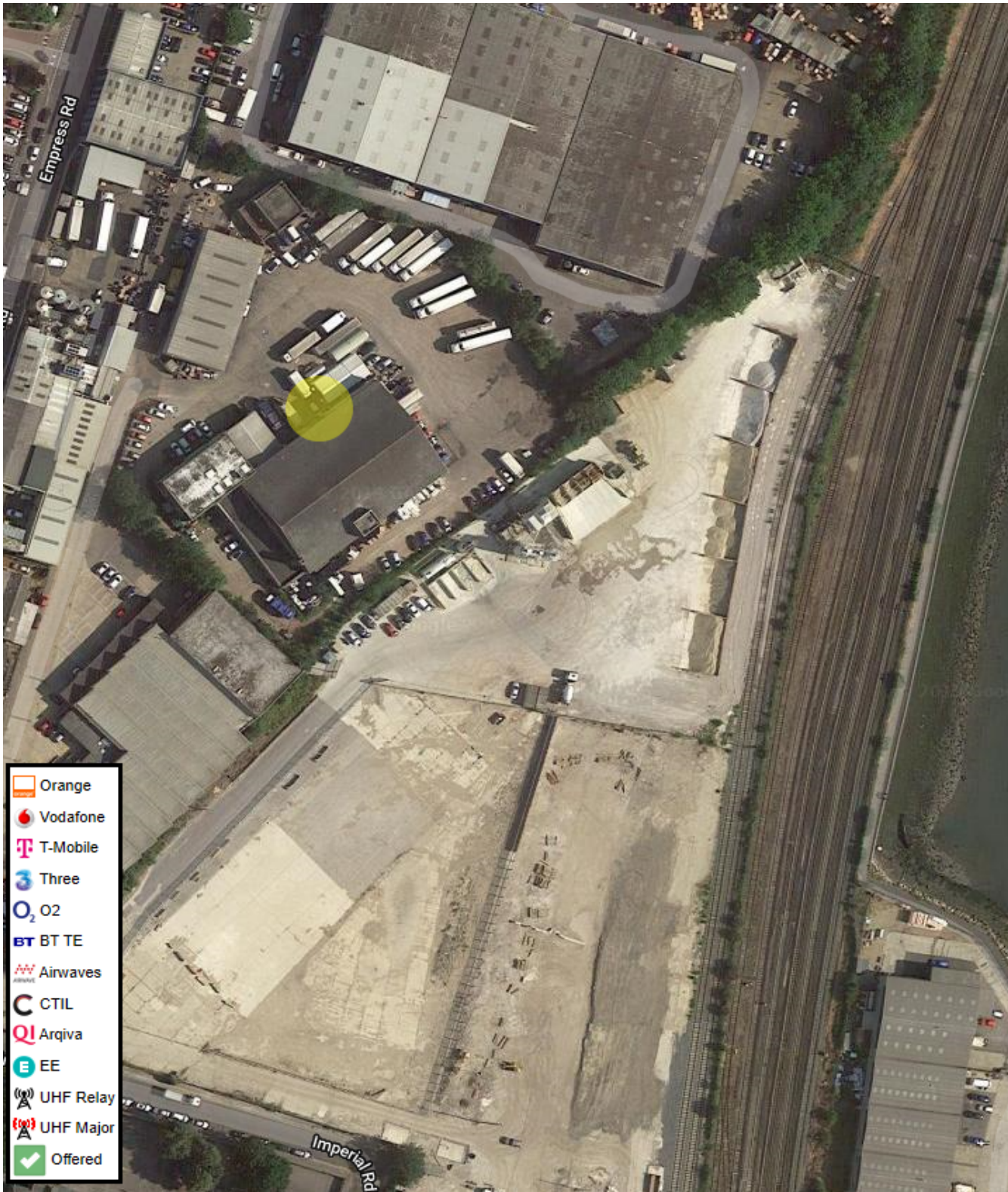
Office: +44 (0)208 731 4613

Fax: +44 (0)208 731 4601

Email: [plantenquiries@instalcom.co.uk](mailto:plantenquiries@instalcom.co.uk)

Web: <http://www.instalcom.co.uk>





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



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

NRSA Department

Tech UK - Implementation

**sky** | TECHNOLOGY

✉ 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)



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)



**Contact**

Telia Carrier  
Data Quality Office  
+36 1 808 9955  
[check-network@teliacompany.com](mailto:check-network@teliacompany.com)

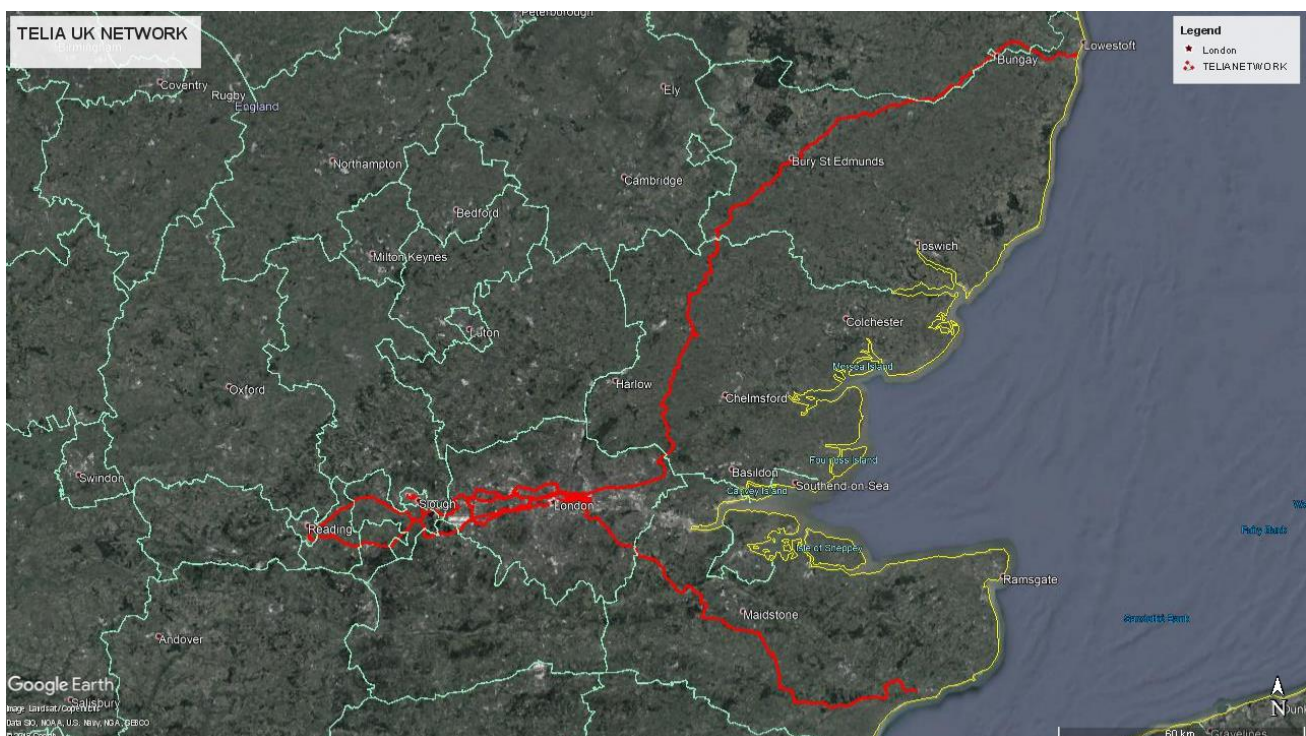
**Your reference: Imperial House Southampton**

**Our reference: UK\_ROW\_10\_CT\_27032019**

**Dear Sir/Madam,**

Responding to your Line Plant Enquiry to [telenttelia.plantenquiries@telent.com](mailto:telenttelia.plantenquiries@telent.com) we would like to inform you that Telia Carrier's network is not in vicinity of the location which was detailed in your enquiry. The entire Telia network in the UK is shown below.

Our team is seeking opportunity to cooperate with Enquirers whose enquiries are targeting locations far away from our network. Our intention is to reduce the number of out-of-area requests and save time and manpower on both side. If you can utilize our network KMZ map to see where our network is located and to pre-filter the enquiries which are far from our network, please contact us at [check-network@teliacompany.com](mailto:check-network@teliacompany.com) and we will provide you a KMZ network map.

**Company Information**

Telia Carrier UK Ltd.  
Registered office 95 Cromwell Road, London, SW7 4DL, United Kingdom  
Reg no. 2796345  
VAT no. GB 628419621

**Contact information**

Telia Carrier UK Ltd.  
Postal & Visiting Address: 4th Floor, 95 Cromwell Road London SW7 4DL  
United Kingdom  
Tel +44-778 999 4089  
[teliacarrier.com](http://teliacarrier.com)

**Public**

Date  
2019-03-27

Page  
2 (2)

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

By post – to,           TELENT  
                              Telia Carrier 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

Your sincerely

Andras Berta

GIS Officer

[check-network@teliacompany.com](mailto:check-network@teliacompany.com)

Telia Carrier Data Quality Office



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 -----  
-----

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>



**Imperial House, Empress Road, Southampton. – April 2019**

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.** Should you have any further queries please use the contact details below.

Kind Regards

***MBNL SHQE Team***

**Turner & Townsend**

t: +44 (0) 121 262 3663

<http://www.turnerandtownsend.com>

Turner & Townsend Europe Limited

Registered Office: Low Hall, Calverley Lane, Horsforth, Leeds LS18 4GH, United Kingdom | Registered in England and Wales | Registration No: 3514794



*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



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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,

### **Groundscan LTD**

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.

**Groundscan LTD  
Unit 4  
The Old Glove Factory  
Bristol Road  
Sherborne  
Dorset  
DT9 4HP**

Tel: Adam Glegg 07702 799 382

Tel: Office 01935 389 123