



## Premier House sample report

**Daux Road  
Billingshurst  
West Sussex  
RH14 9SJ**

**20/04/2021**

PROJECT NO.

**XXXXX**

ISSUE NO.

**1**

STATUS

**For Information**

Client Logo here

**Utility Search**  
Premier



# Introduction

**This report assesses the potential constraints presented by the existing utility infrastructure both within the boundary and in the vicinity of the search area.**

The report is based on the information provided by the client about the location of the search area and the information provided by the utilities about their existing plant and networks. The information contained in this report is based on desk research only.

## What is a utility constraint?

We use the term constraint to indicate that there may be limitations or prohibitions on designs and planned works due to the presence of utility apparatus. To overcome these can be costly and time-consuming. Depending on the legal rights and statutory powers of the utility the costs may have to be borne by the applicant/developer.

## Report interpretation

We have developed a simple traffic light mechanism to present site constraints based on a red/amber/green evaluation;



Red – site constraints exist due to the presence of utility apparatus.



Amber – site constraints may exist due to the proximity of utility apparatus.



Green – site constraints do not appear to exist.

This report conforms to QL-D of PAS 128:2014 - Specification for Underground Utility Detection, Verification and Location. To obtain further detail on utility locations consider site reconnaissance (QL-C), detection (QL-B) and verification (QL-A) as recommended under 'Important Information'.

Prepared by

Signed off by

AN Other

AN Other



Cert No 6206  
ISO 9001



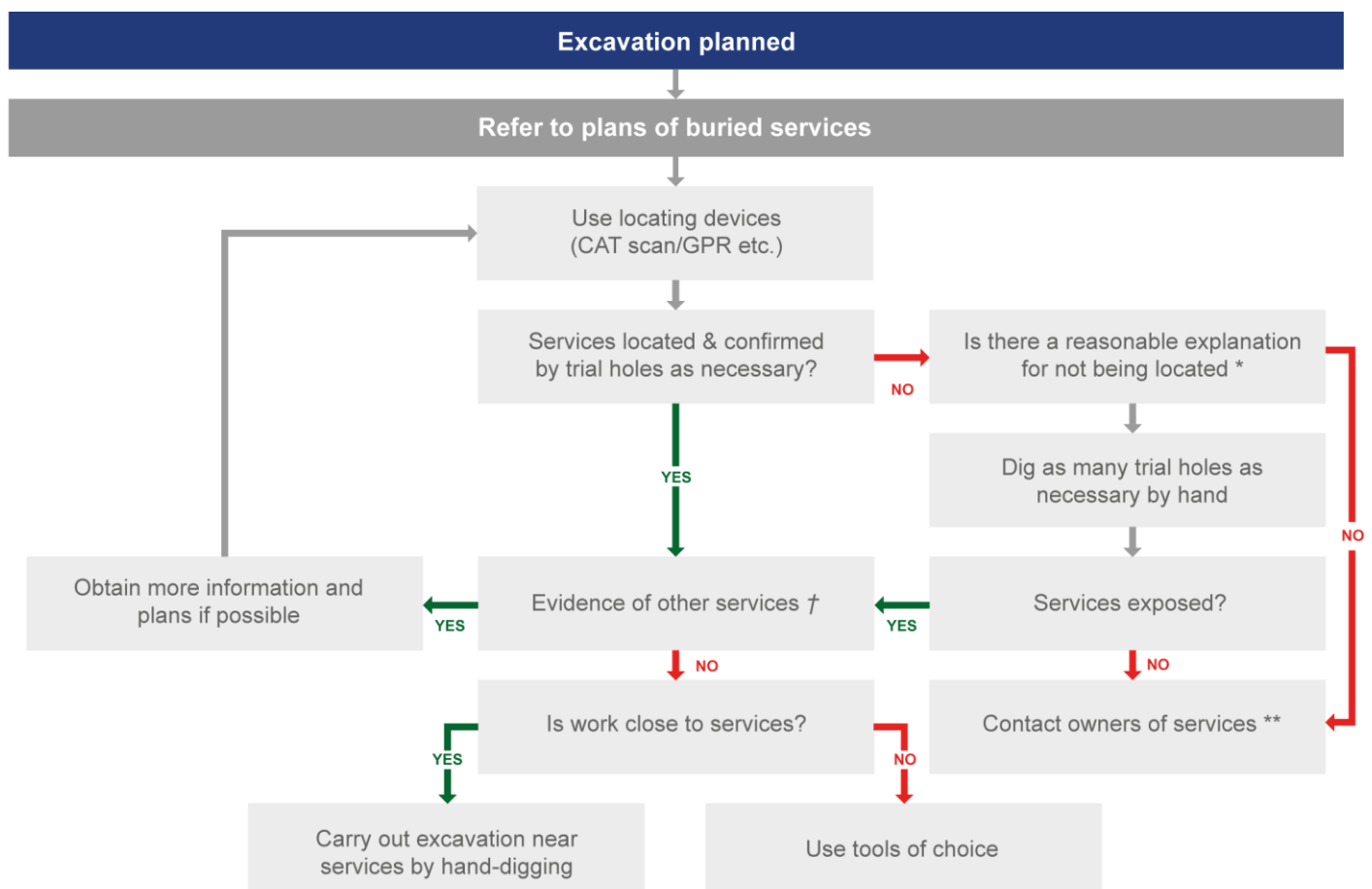
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# Important Information

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 when excavating in a road or footway. However it:

- Describes only part of the process; it does not, for example, describe planning the work, including reference to plans at the design stage;
- Is a simplified picture and not a substitute for reading the text;
- Is not a substitute for a suitable and sufficient risk assessment;
- Does not take account of a number of other situations, e.g. cable embedded in concrete or those situations where resiting services is proposed.



\* 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.



# Important Information

## Relevant Documents

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

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

## Basic Risk Assumption for all Services

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

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

*Please note not all service connections are shown on the utility asset maps.*

## Plant Found Within Site Boundaries

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

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.

## Desk Research

With several utility suppliers, PES use their own databases to check if assets are likely to be in the vicinity. These utilities are shown with a tick under the Desk Research column in the Enclosures list. Our utility contact schedule can be provided on request.

It must be noted that certain utility companies do not respond if their plant is unaffected and we issue these with a green (unaffected) traffic light unless otherwise informed.





# Enclosures

Type	Company	In Vicinity	Desk Research	Awaiting Response
Electricity	SSE Networks			
Water	Southern Water			
Drainage	Southern Water			
Gas	SGN (Southern)			
Openreach	Openreach			
Virgin Media	Virgin Media			
Independents	GTC			
	Energetics			
	Eclipse Power			
Linesearch (LSBUD)	SSE Networks - See Electric, SGN - See Gas			
	GTT (inc Vtesse & Interoute)			
	SSE Utility Solutions Limited (Indigo Pipelines)			
Comms.	Vodafone (not requested)			
	Colt			
	SKY Telecommunications			
	Instalcom			
	Verizon			
	SOTA		✓	
	KCOM		✓	
	TeliaSonera (Telent)		✓	

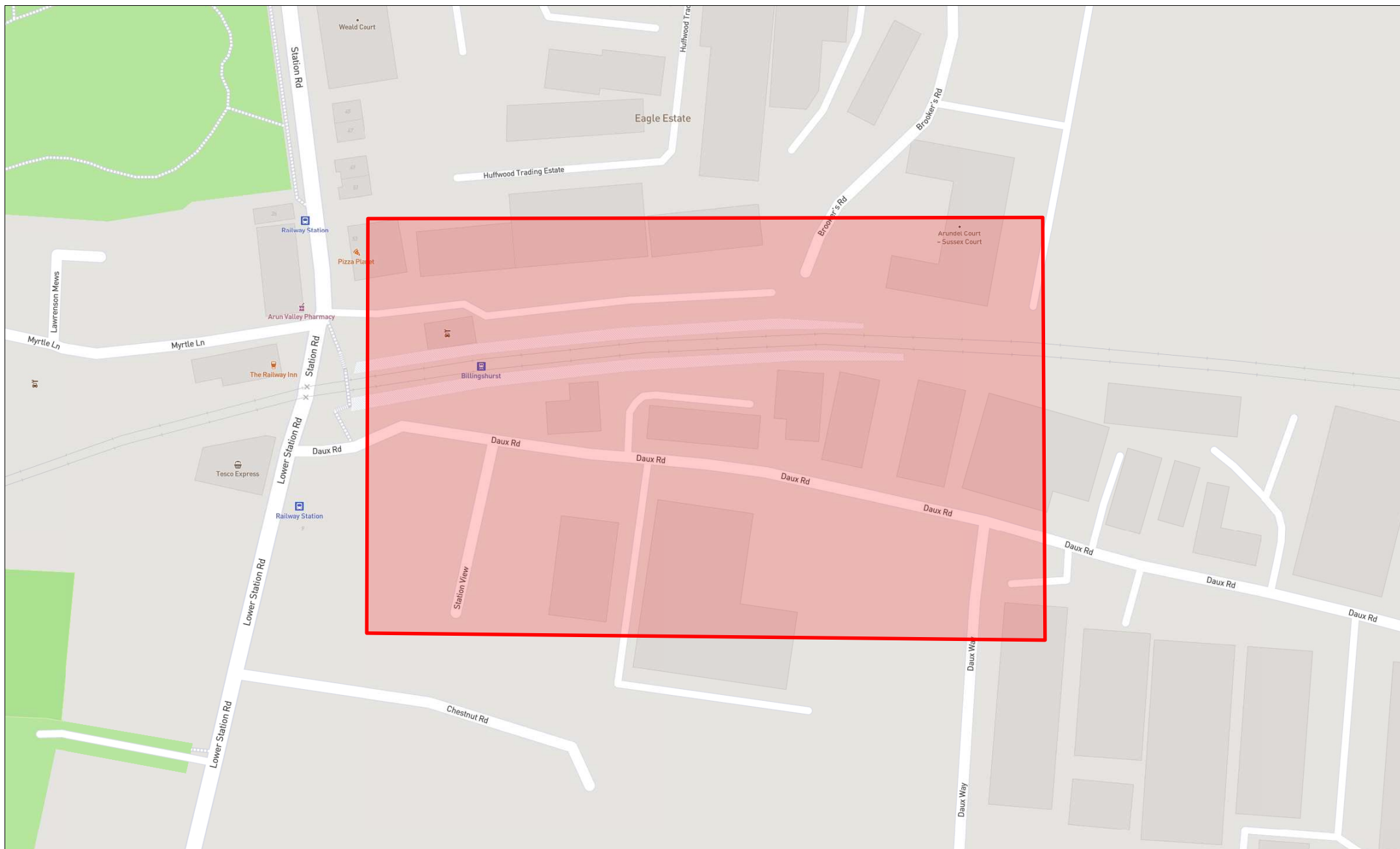


Type	Company	In Vicinity	Desk Research	Awaiting Response
	euNetworks		✓	
	CityFibre		✓	
	Mast Data			
Tunnels & Pipelines	Onshore Cables		✓	
	ENGIE		✓	
	ElecLink Interconnector		✓	
Transport	Network Rail			
	Genesys		✓	
	Trafficmaster		✓	
	West Sussex County Council			

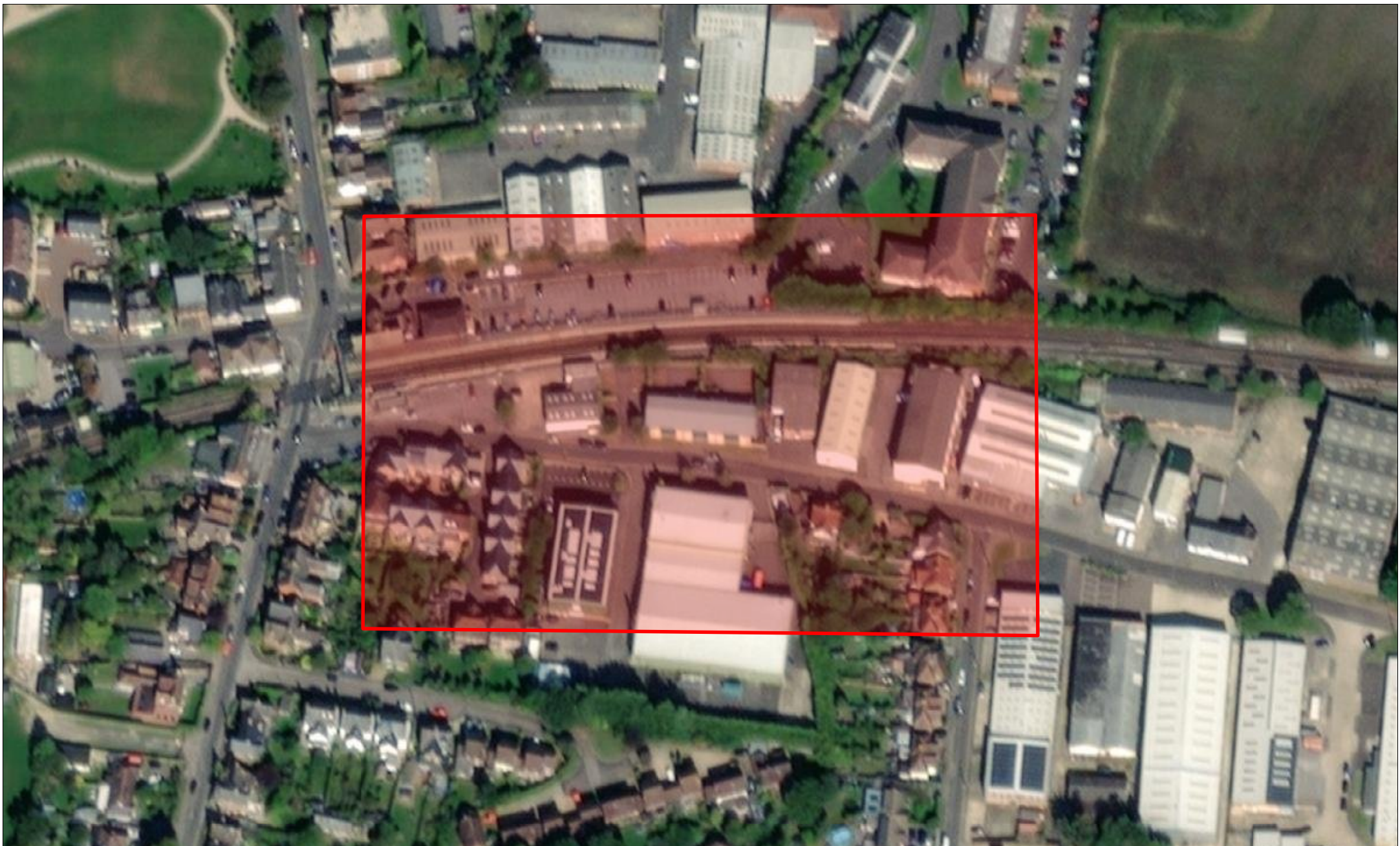


# Acronyms Key

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







**Premier Energy**  
specialists in utility infrastructure

**Request Ref:** 508980

Premier House, Daux Road, Billingshurst, West Sussex,  
RH14 9SJ  
**Eastings** 508904, **Northings** 125093

Imagery sourced from ArcGIS World Imagery



Our Ref: 21917228      Your Ref: Daux Road Refresh

Thursday, 22 April 2021

Premier House Daux Road  
Billingshurst  
West Sussex  
RH14 9SJ

Dear Premier Energy

**SSE Networks - Asset Network Plans**

We have sent you the plans of our network records within the area requested. You will shortly receive responses each of the following; any High Voltage Mains cables and Low Voltage Mains cables.

Attached to this email is the 'Guide to Interpreting' which includes the legends for the plans on pages 7-9.

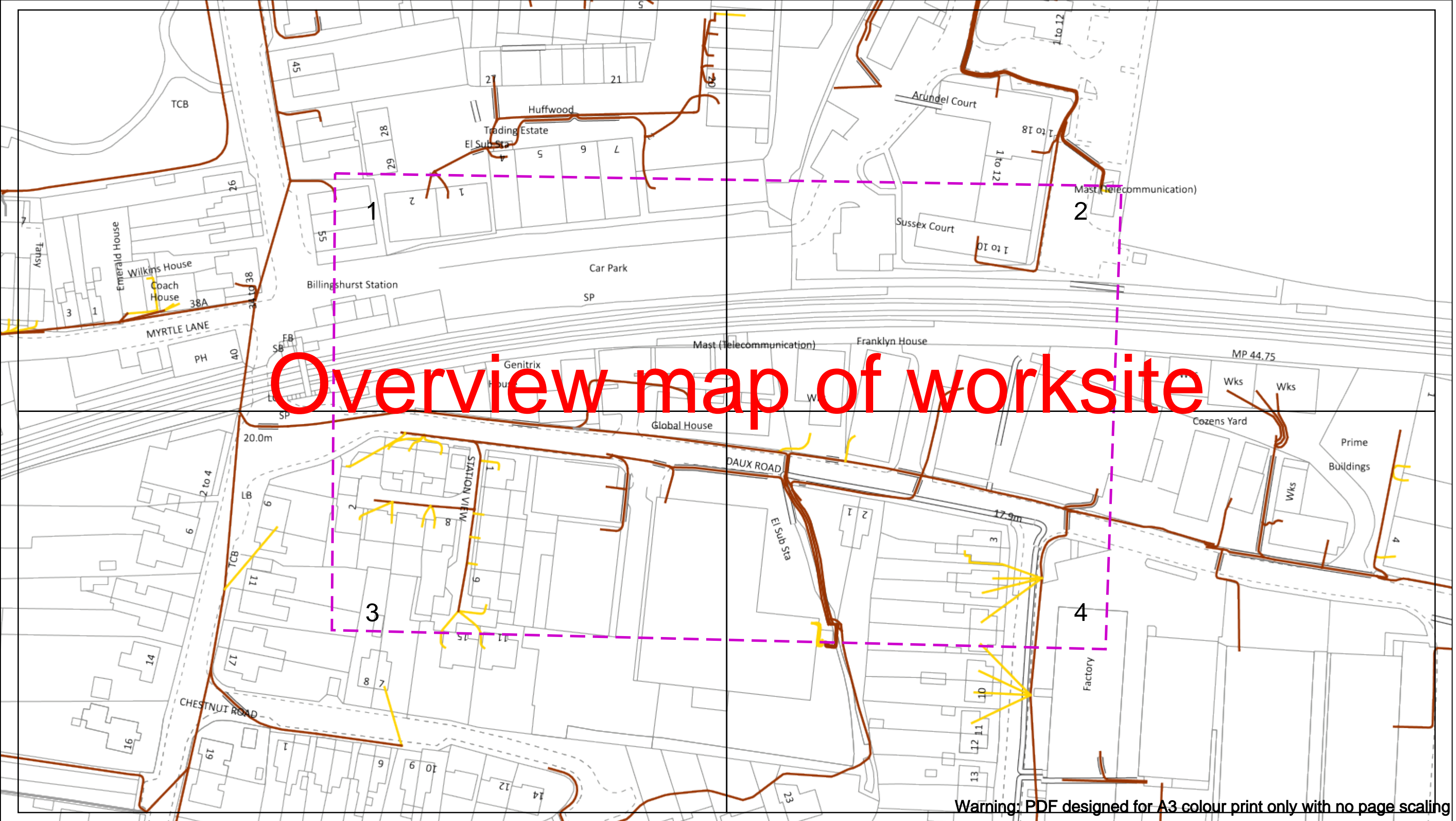
If a Service Cable is not shown on our maps sent, and you require the Cable to be Traced, please contact the General Enquiries Department on 0800 048 3516 (option 3) or via email, [ge@ssen.co.uk](mailto:ge@ssen.co.uk)

If you need further information on our network in this area or a quotation for any required works, please contact the Connections & Engineering Department on 0800 048 3516 or via email, [connections@sse.com](mailto:connections@sse.com)

Kind Regards,

Asset Data Team  
01256 337 294  
[Asset.data@sse.com](mailto:Asset.data@sse.com)

# Overview map of worksite



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

Date Requested: 22/04/2021  
Job Reference: 21917228  
Site Location: 508907 125094  
Your Scheme/Reference: Daux Road Refresh  
Scale: 1:1025 (When plotted at A3)

**WARNING**

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES GS6 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Dig Sites    Area:    Line:

	Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			

	NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

**Legend**

- Service Cable
- LV Mains
- 2 – 3.3kV
- 6.6kV
- 11kV
- 22kV
- 33kV
- 66kV
- 132kV
- 275kV
- 400kV
- Fibre Optic
- Pilot Cable

**Distribution Structures (Electric)**

- Pole, Existing Location
- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

**Scottish & Southern Electricity Networks**

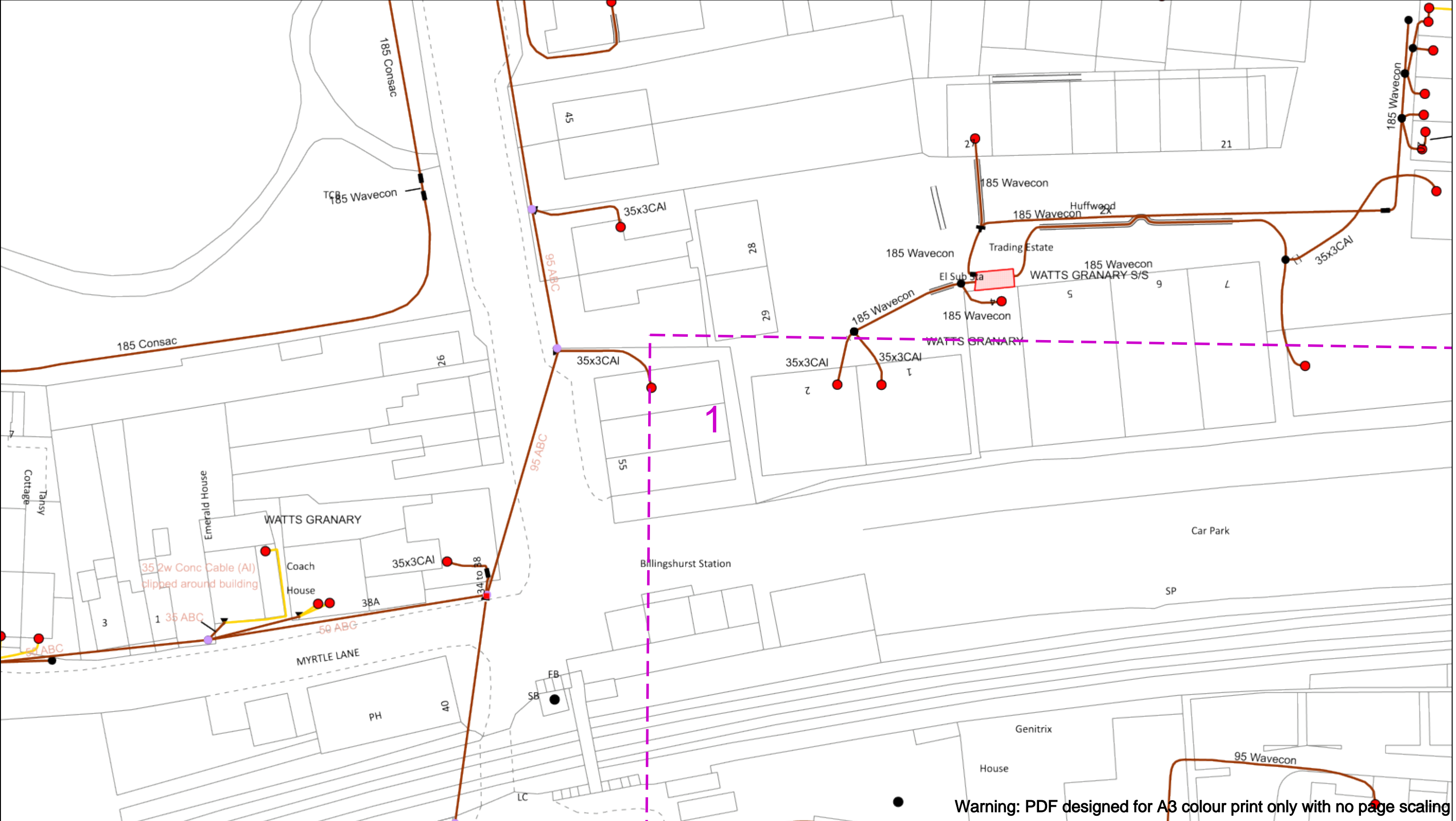
Scottish and Southern Energy Power Distribution Ltd.  
Registered Office: Inverlmond House,  
200 Dunkeld Road, Perth, PH1 3AQ  
Registered in Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations please contact:  
General Enquiries: 0800 048 3516

Subject to revision – Master held by SSEN Asset Data Team:  
[Asset.Data@sse.com](mailto:Asset.Data@sse.com)  
01256 337 294

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050m

Dig Sites

Area:

Line:

Date Requested: 22/04/2021

Job Reference: 21917228

Site Location: 508907 125094

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Agricultural	1m	1m	1m	1.1m

Legend

Service Cable

LV Mains

2 – 3.3kV

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

Scottish & Southern

Electricity Networks

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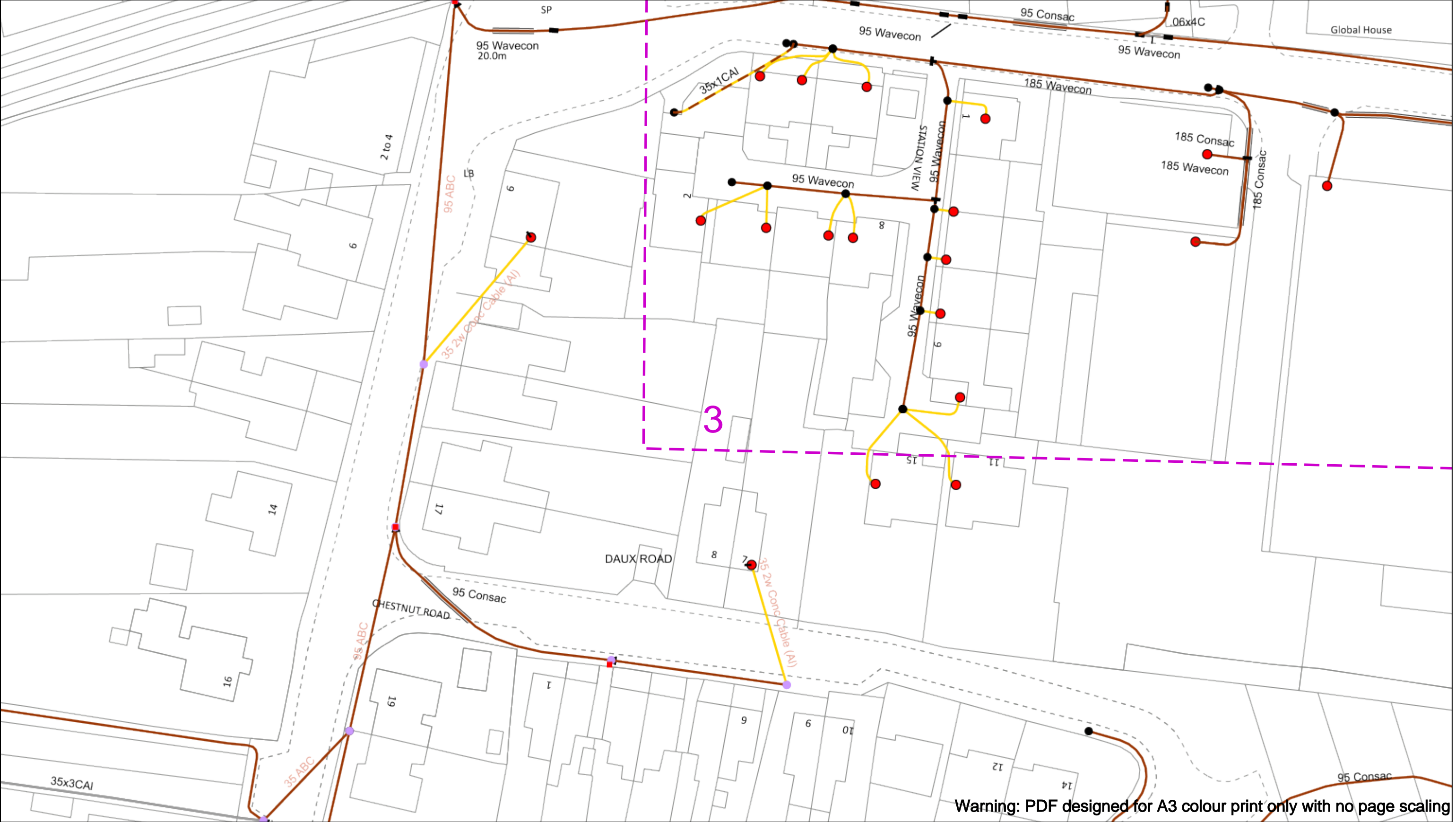


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Legend

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LV Mains

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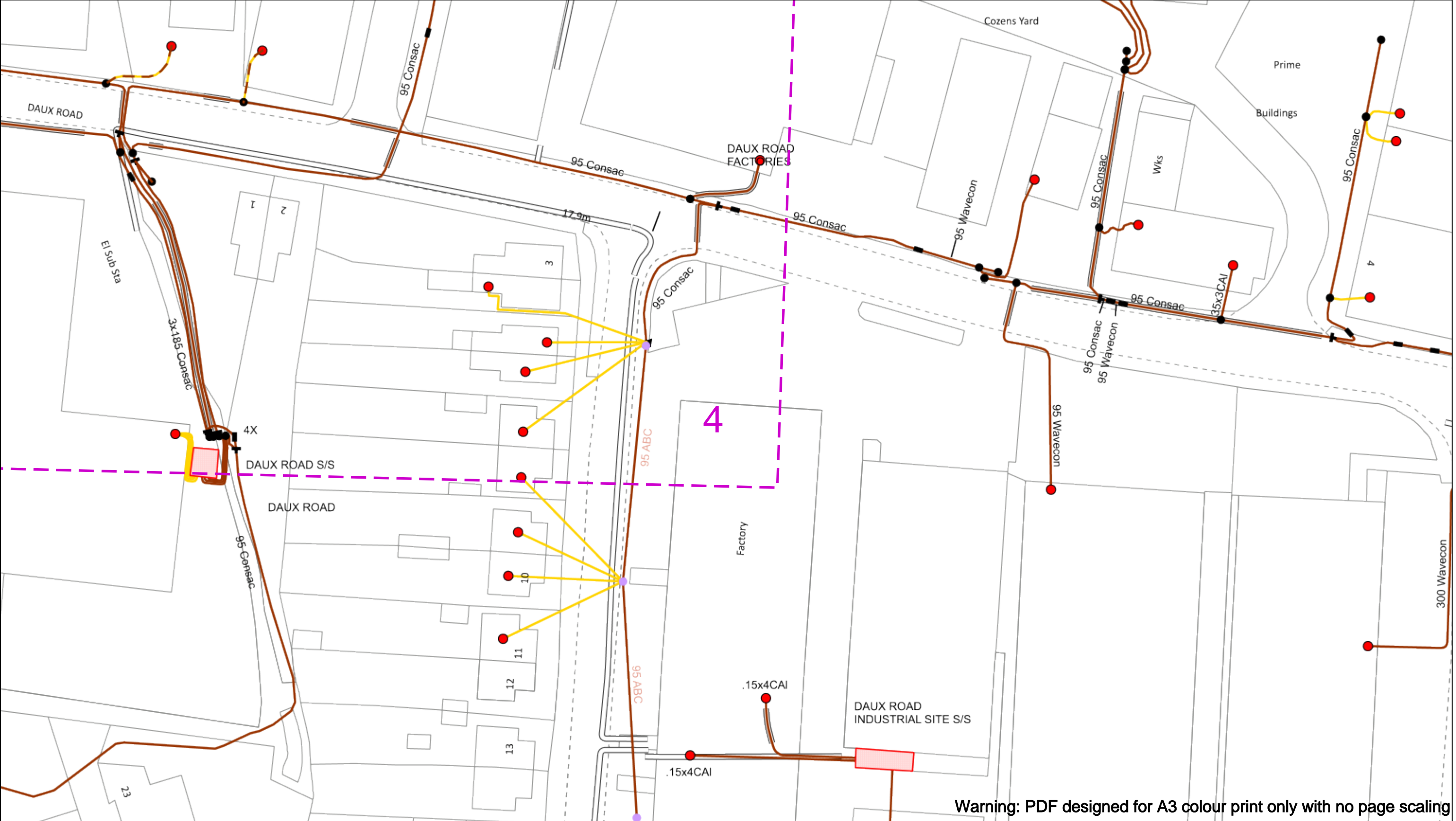
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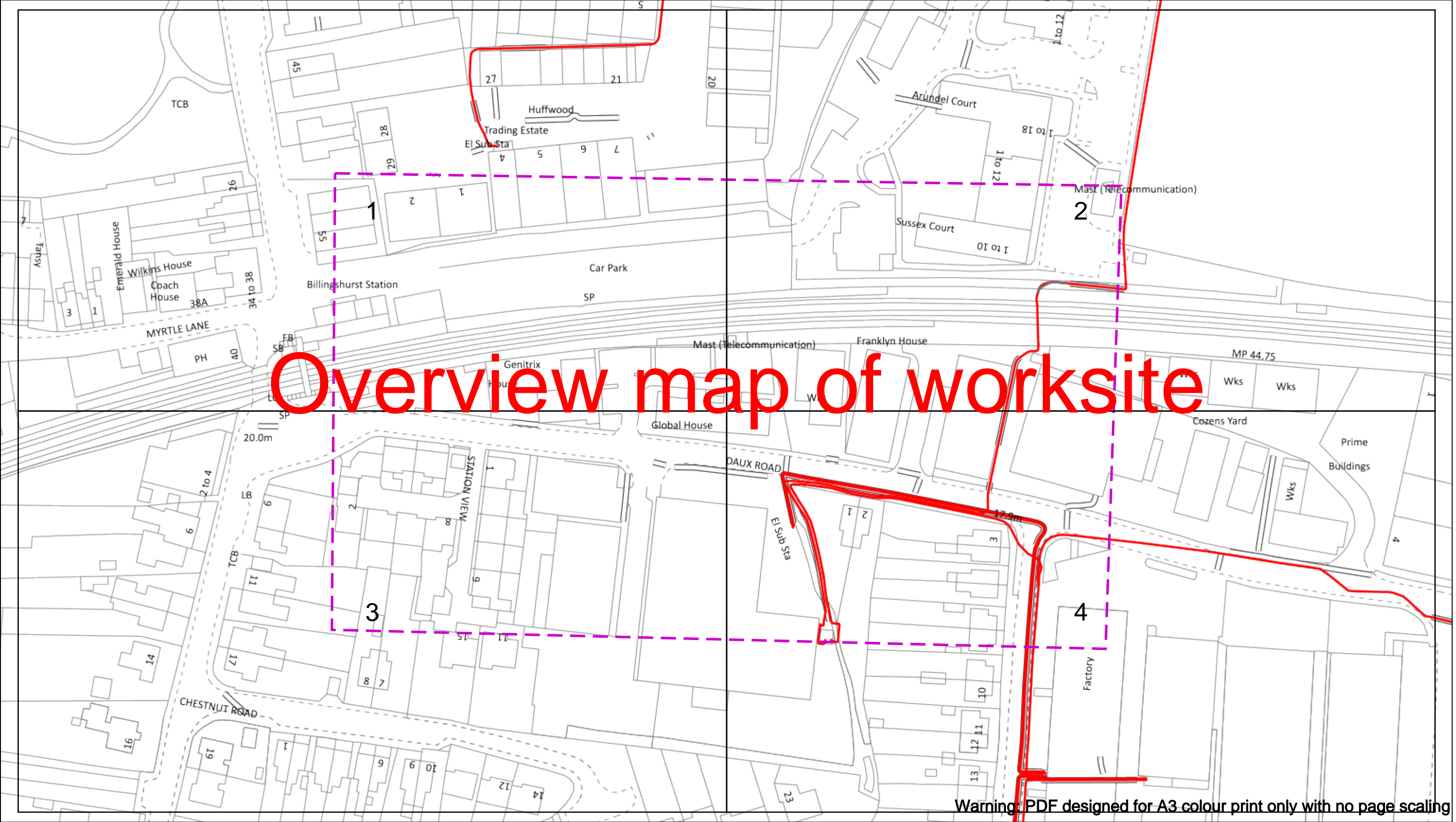
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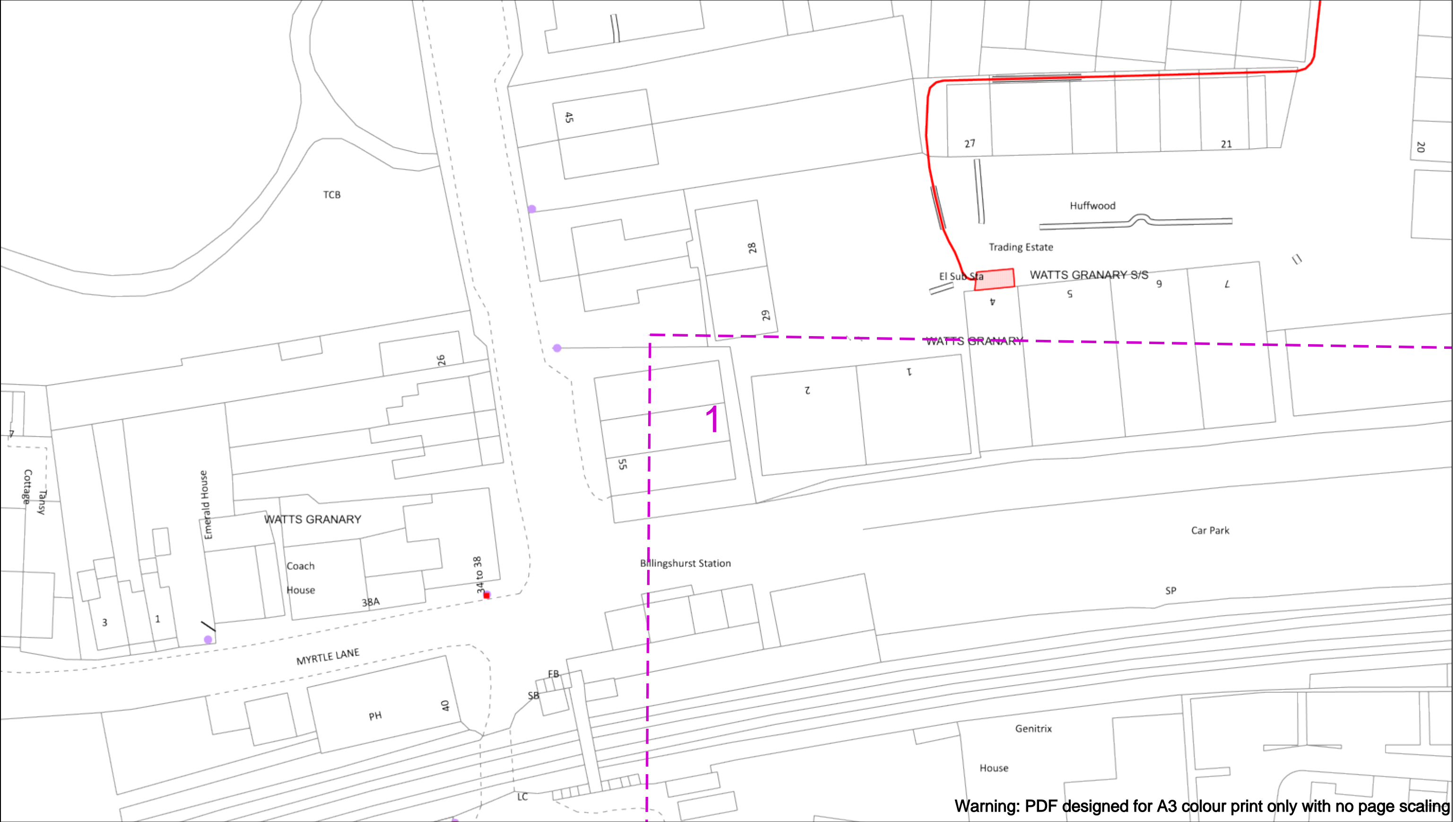
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050m

Dig Sites

Area:

Line:

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Job Reference: 21917228

Site Location: 508907 125094

Your Scheme/Reference: Daux Road Refresh

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Scottish & Southern Electricity Networks

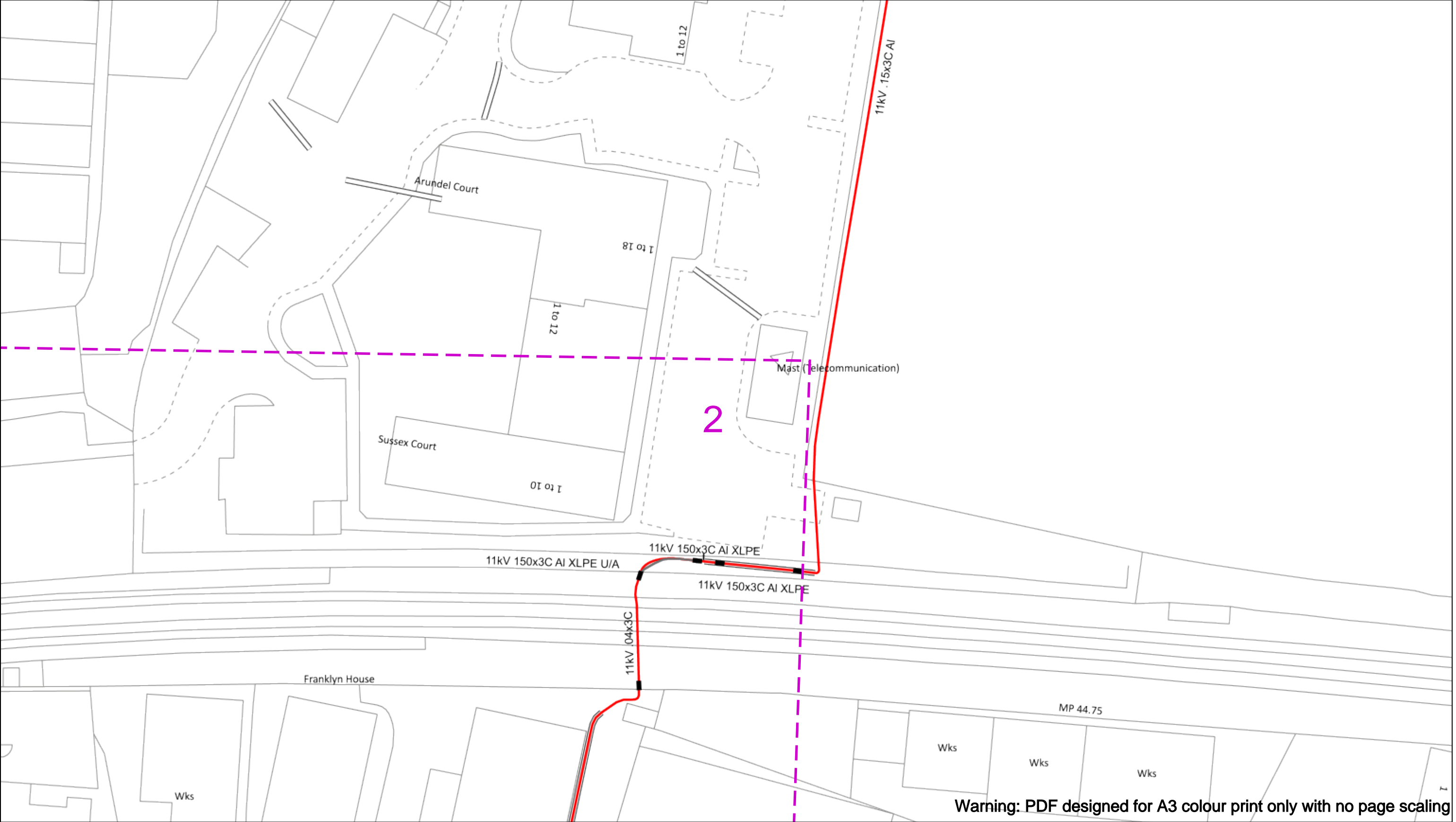
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050m

Dig Sites

Area:

Line:

Date Requested: 22/04/2021

Job Reference: 21917228

Site Location: 508907 125094

Your Scheme/Reference: Daux Road

Refresh

Scale: 1:500 (When plotted at A3)

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES GS6 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

Service Cable

LV Mains

2 – 3.3kV

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

Scottish & Southern

Electricity Networks

Scottish and Southern Energy Power Distribution Ltd.

Registered Office: Inverlond House,

200 Dunkeld Road, Perth, PH1 3AQ

Registered in Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations please contact:

General Enquiries: 0800 048 3516

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[Asset.Data@sse.com](mailto:Asset.Data@sse.com)

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Dig Sites      Area:       Line: 

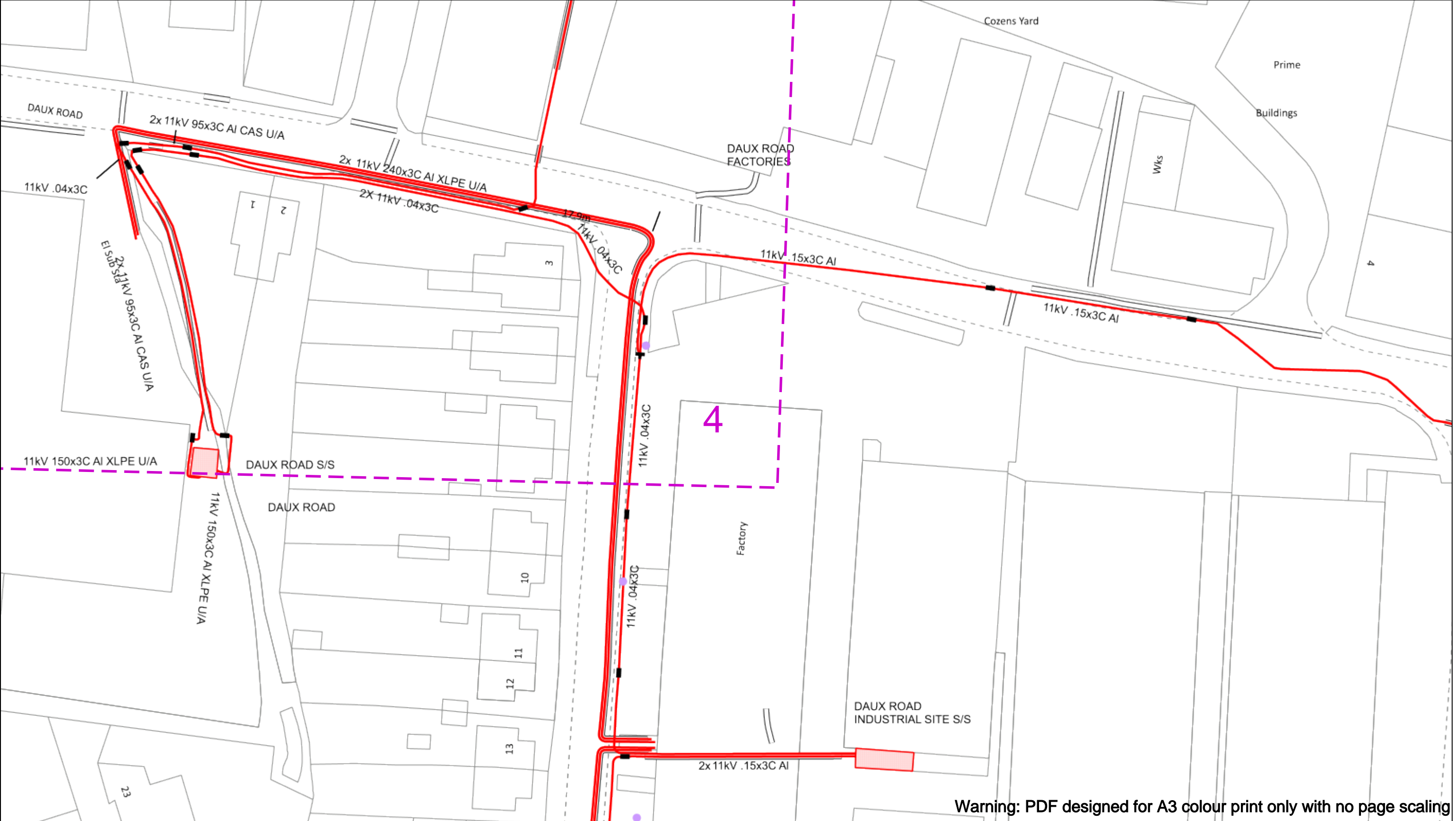


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Registered Office: Inverallmond House,  
200 Dunkeld Road, Perth, PH1 3AQ  
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050m

Dig Sites

Area:

Line:

Date Requested: 22/04/2021

Job Reference: 21917228

Site Location: 508907 125094

Your Scheme/Reference: Daux Road Refresh

Scale: 1:500 (When plotted at A3)

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400kV

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Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

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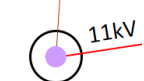

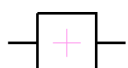










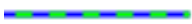
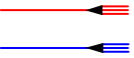





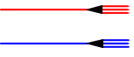
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












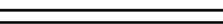









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## GIS ELECTRIC SYMBOLS

Service cable		Single Poles	
LV Mains		H Poles	
LV Mains and Services (Split Phase)		3 Poles	
2-3.3kV		Tower	
6.6kV		Pole Mounted Transformer	
11kV		Circuit Breaker	
22kV		Switch Disconnecter/ OH Air Break	
33kV		Pole Box	
66kV		Straight Joint	
132kV		Mains Breech Joint (Tee)	
275kV		Service Breech Joint	
320 kV		Trifurcating Joint	
400kV		Pot End	
Fibre Optic		Capped End	
Pilot Cable		Sealing End	

Assumed Route		Surge Diverters	
Out of Service		Pillar	
Service Connector Joint		Substation	
Overhead Connector		Non Electrical Item	
Wall Box Joint		Street Furniture	
Flying Stay		LV Link Box	
Stay		LV Supply Point	
PME Earth		Oil Pipeline	
Neutral Earth		Gas Pipeline	
Ducting		Areas of Outstanding Natural Beauty	
Pit		National Park	
Embedded Network		Borehole	
Other Network		ASLs	
Water Extraction Point		Sensitive Waterway	



Source Protection Zone		Site of Special Scientific Interest (SSSI)	
Vulnerability Zone		National Nature Reserve (NNR)	
Access		RAMSAR Special Area of Conservation (SAC)	
Ownership		Special Protection Area (SPA)	
Monuments		Ancient Woodland	
Flood Area		Restricted Access	

## GUIDE TO INTERPRETING MAINS RECORDS PLAN





## **INTRODUCTION**

The Health & Safety Executive have produced a document entitled 'Avoiding danger from underground services'. Copies are available from HMSO's accredited agents and good booksellers, Ref HS(G)47, ISBN 0118854925.

**WHEN WORKING IN THE VICINITY OF ELECTRICITY CABLES AND OVERHEAD LINES PLEASE FOLLOW THE DO'S & DON'T'S LISTED BELOW.**

### **DO'S**

- Do** Make sure that you have plans of the cables in the area before any excavation work starts. Remember that some cables such as service cables may not be shown on the plans. Cables owned by other companies are not shown, e.g. local authorities, Department of the Environment, National Grid Co. etc.
- Do** Make sure that you understand the plans that have been supplied to you. For detailed explanation of the symbols used by Scottish & Southern Electricity Networks refer to this guide & the key shown on the plan
- Do** Use a cable avoidance tool (CAT) to determine the position of the existing cables in the work area. The positions should be clearly marked, and further tests made as work proceeds. **If in doubt, get advice from your supervisor.**
- Do** Hand dig trial holes over the indicated route of the cable, excavate alongside.
- Do** Ask for a cable to be made dead if it is buried in concrete. Please note that this is likely to be a costly process.
- Do** Watch for signs of cables as work progresses, such as marker tapes or cable covers which may be exposed.
- Do** Backfill carefully using stone free soil around cables, replacing marker tapes and covers.



- Do** Ensure that there is maximum clearance above all cable & joints.
- Do** Notify Scottish & Southern Electricity Networks immediately should accidental damage to cables occur however large or small. Arrange to keep people well clear of the cable that has been damaged. Do not backfill an area where cable damage has occurred.

## **DON'T'S**

- Don't** Operate a bulldozer, scraper, dragline or excavator unless you are satisfied that there are no buried cables or overhead lines in the working area.
- Don't** Use picks, forks or pointed instruments in soft clay or soil where cables are present, exercise extreme caution where such instruments are used to free lumps of stone or to break up firmly compacted ground.
- 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 IN DOUBT ASK SCOTTISH & SOUTHERN ELECTRICITY NETWORKS**

## **UNDERSTANDING THE INFORMATION ON THE PLANS.**

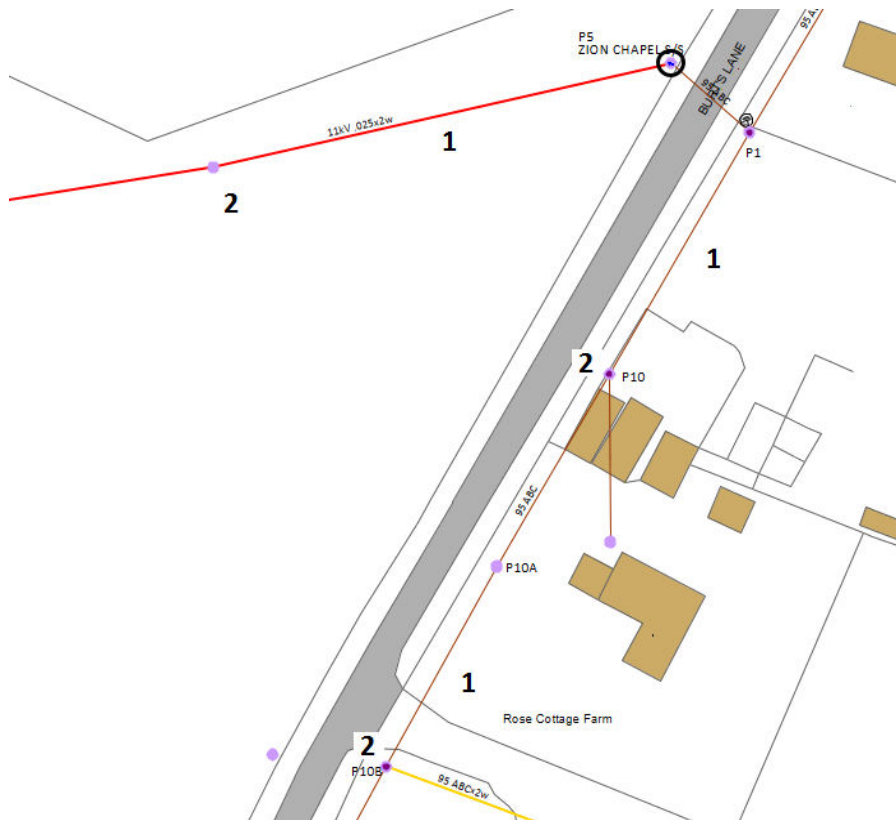
AVERAGE DEPTH OF CABLES: Footpaths 0.6 metres

Road Crossings 0.75metres

NB These depths are only approximate, depths may vary. It should also be noted that surface levels can change subsequent to the cables being laid.

**Mains records symbols definitions and examples:**

**A ) Overhead lines & Poles – These are depicted as follows:**



1. Overhead Line – These can be either High Voltage or Low Voltage, colour denotes voltage.
2. Poles.
3. Pole Mounted Transformer.

**B) Typical example of Low Voltage cable records:**



1. Sub Station
2. Low Voltage Underground cable.
3. Link Boxes: This is a box with a manhole cover marked as belonging to Scottish & Southern Energy containing links. Either two or four cables will lead away from a link box.
4. Straight Joint: This is where two separate cables are joined together.
5. Breech Joint: This is where another cable is attached to the main.
6. Pot End: This is the end of the cable. In certain circumstances service cables to properties can be taken from the pot end. These services may not be shown on the plans.
7. Road crossing duct where a cable is routed under a path or road.
8. Cable terminations/Pole Box: Where underground cables are connected to overhead lines
9. Overhead line.
10. Street Lamps.

11. Services to properties: The service cable to an individual property are not always shown on the mains records that Scottish & Southern Electricity Networks supply. In some cases, a service can be looped from an adjacent property.

**C) Typical example of High Voltage cable record.**



1. Sub Station
2. High Voltage Underground cable – Colour denotes voltage.
3. Straight Joint: This is where two separate cables are joined together.
4. Breech Joint: This is where another cable is attached to the main.
5. Cable terminations/Pole Box: Where underground cables are connected to overhead lines
6. Overhead Switch.



## 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 0727282 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.

- ü **do** backfill carefully, using stone-free soil around the cables, replacing marker-tapes and / or covers.
- ü **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.
- ü **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.
- ü **don't** operate a bulldozer, scraper, dragline or excavator; unless you are satisfied that there are no buried cables in the working area.
- ü **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.
- ü **don't** dig trial holes over the indicated route of the cable. Excavate alongside instead.
- ü **don't** use exposed cables as a convenient step or handhold.
- ü **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

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

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

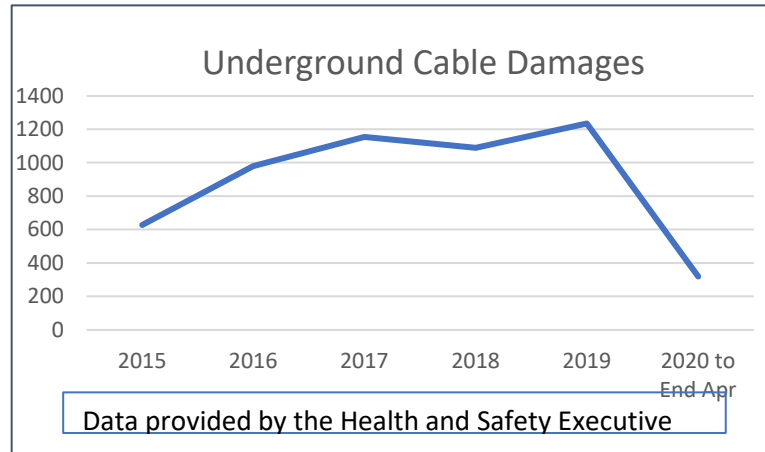
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## ‘Watch Out, Cables About!’

During the COVID-19 pandemic, construction work and projects across the UK have experienced a period of downtime, affecting the amount of excavation work undertaken. As a result, energy network companies have experienced a welcome reduction in third-party damages to their buried apparatus. In reality, this reduction in damage to underground cables, gas pipelines and other utility equipment, means a reduction in the risk of harm to those involved in the damage.

As lockdown restrictions begin to ease across the UK and work levels increase, it's essential that excavation teams remember the basic safety precautions necessary to ensure they stay safe.

When you are carrying out any excavations or work that involves breaking ground, **be aware of what is buried in the ground before you start. Work out how you are going to locate utility equipment and avoid the risk of damaging it.**



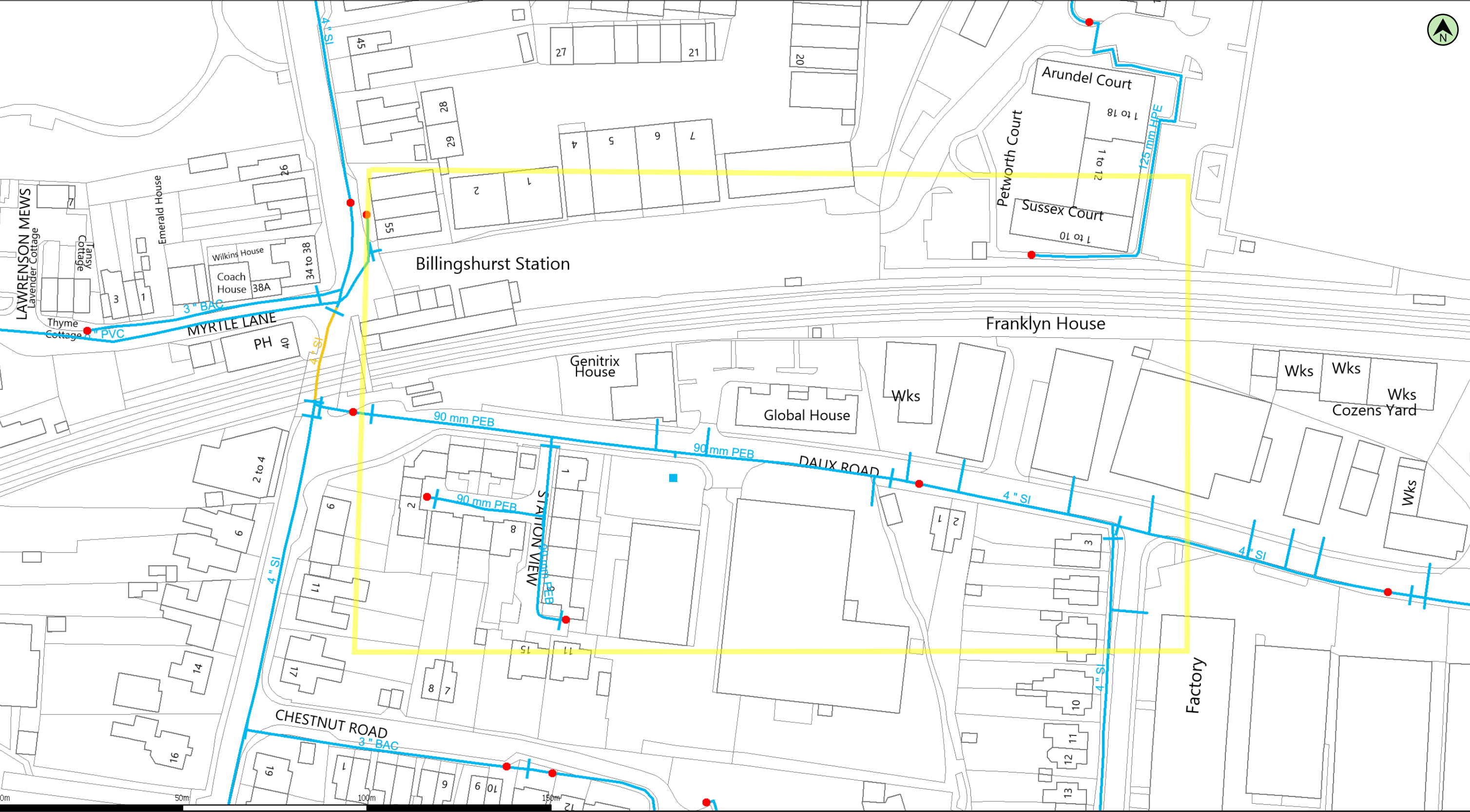
Follow the advice in Health and Safety Executive (HSE) [Guidance HSG47 'Avoiding danger from underground services'](#) and ENA's '[Watch Out, Cables About](#)' Safety advice leaflet. Complete your risk assessment before starting work and share the details of this with everyone involved in the work. Further guidance and advice is available via the Utility Strike Avoidance web site: <https://www.utilitystrikeavoidancegroup.org>

- Be aware of the location of underground utility equipment before digging or excavating.
- Request location details and plans from Utility Companies well in advance of work starting. Remember that these are a guide only – you are responsible for confirming the exact location of all equipment and avoiding damage.
- Use a cable avoidance tool to identify the presence of buried cables before you start to dig. Rescan the area as your work progresses. Hand Dig — use safe digging techniques to dig trial holes to establish the line and depth of underground utility equipment.
- Always assume underground cables are Live. If they appear to be damaged do not approach them and contact the Network Operator using 105 for GB (or 03457 643 643 in Northern Ireland). Take care when lowering the ground levels as there may be underground cables in the area.
- If you damage an underground cable, vacate the excavation immediately, phone your electricity network operator's emergency number and keep everybody clear.

In an emergency dial **999** and tell them electricity is involved. Call 105 for GB (or 03457 643 643 in Northern Ireland) if you have a safety concern related to the electricity network or if you spot damage to overhead power lines, underground cables and substations that could put you, or someone else, in danger. If you are in any doubt about whether an underground cable or other piece of equipment is safe, always assume it is live, keep away from it and contact your local electricity network operator.

**Plan your work safely and help us to keep Britain's energy flowing.**

To find the local electricity network operator, search 'electricity distribution map' on the ENA website at [www.energynetworks.org](http://www.energynetworks.org).

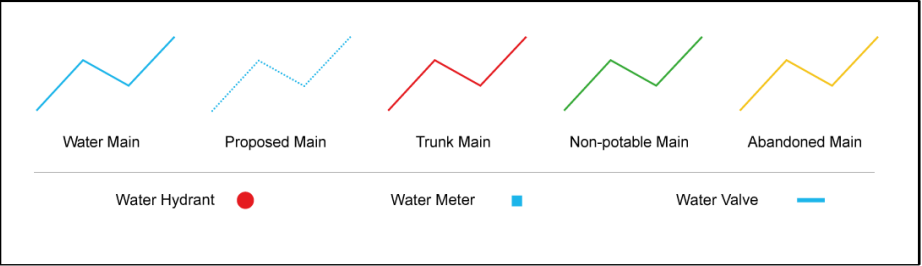


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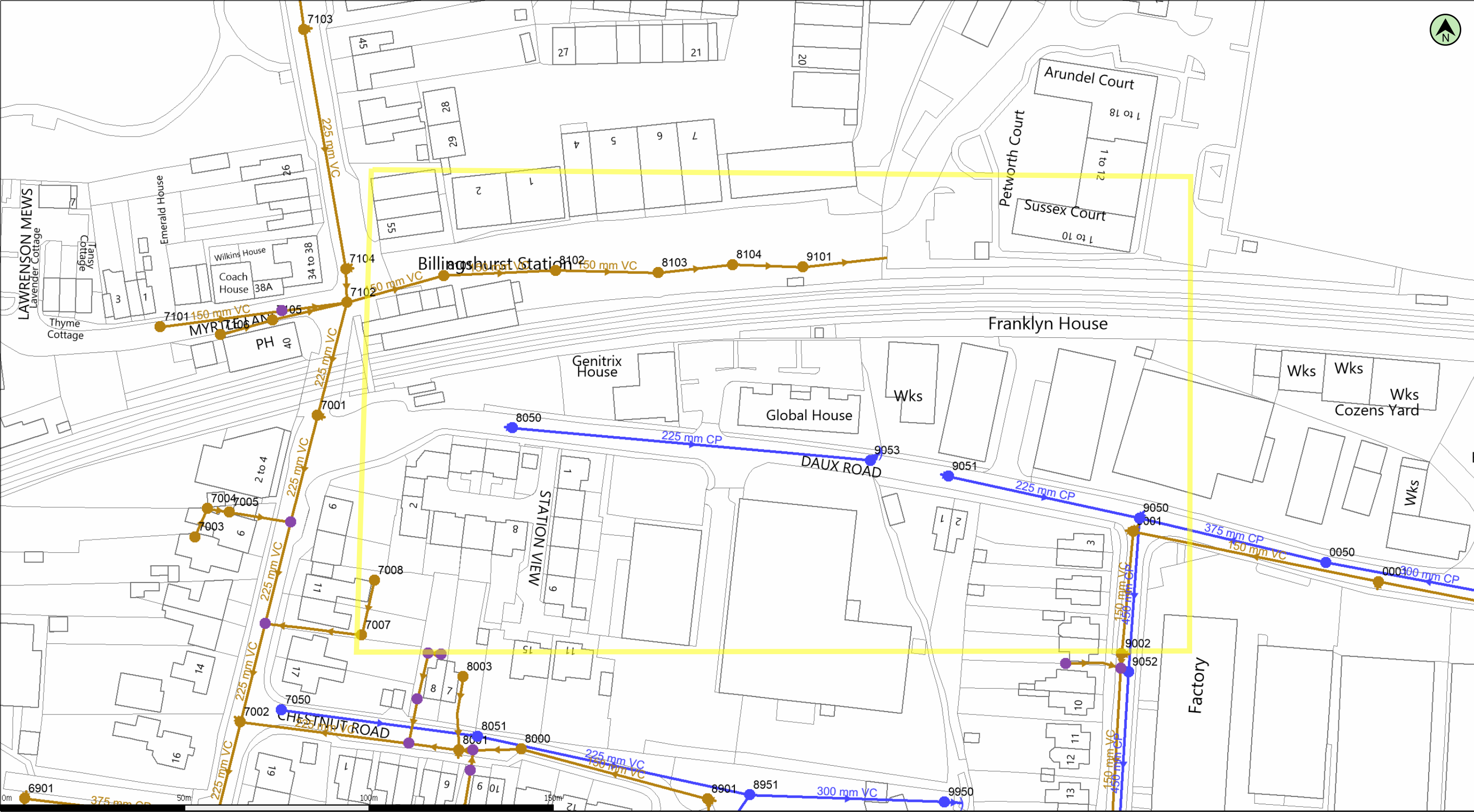
WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

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



Daux Road





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WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

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


Daux Road







Our Ref: 21917228      Your Ref: Daux Road

Thursday, 22 April 2021

Premier House Daux Road  
Billingshurst  
West Sussex  
RH14 9SJ

Dear Premier Energy

Thank you for your enquiry dated Thursday, 22 April 2021

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.

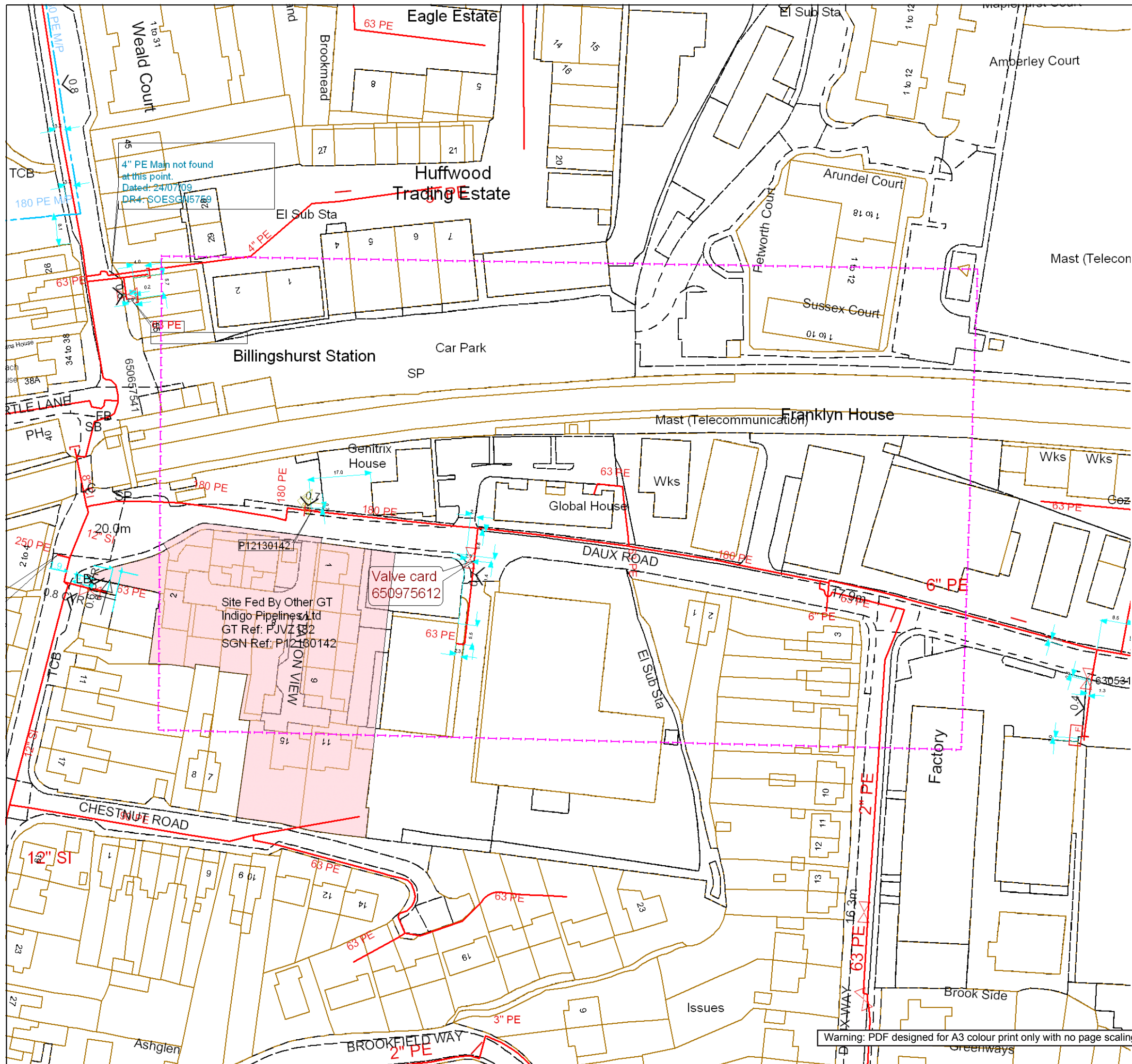
A colour copy of these plans and the gas safety advice booklet enclosed should be passed to the senior person on site in order to prevent damage to our plant and potential direct or consequential costs to your organisation.

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](https://sgn.co.uk)**  
Tel: 0800 912 1722



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

**General Enquiries:**  
All areas

Date Requested: 22/04/2021  
Job Reference: 21917228  
Site Location: 508907 125093  
Your Scheme/Reference:  
Daux Road Refresh  
Exact Scales:  
1:1000 Area or Circle dig site  
1:1000 Line dig site

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

SSSIs

Some Examples Of Plant Items

Valve

Syphon

Depth of Cover

Diameter Change

Material Change

Digsite:

Line:

Area:



This plan is reproduced from or based on the OS map by Scotia Gas Networks plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Southern Gas – 100044373 and Scotland Gas – 100044366.

# 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
					LP MAINS	
SKETCH BUBBLE	DEPTH OF COVER	METER	MATERIAL CHANGE		MP MAINS	
					IP MAINS	
					LHP MAINS	
					HISTORY DATA	
					SSSI	
PIG TRAP	CROSSOVER CONNECTION	CHANGE OF DIAMETER	PIPE JOINT		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](https://www.sgn.co.uk)** for plant protection information and links to our online mapping system and other associated information and guidance.

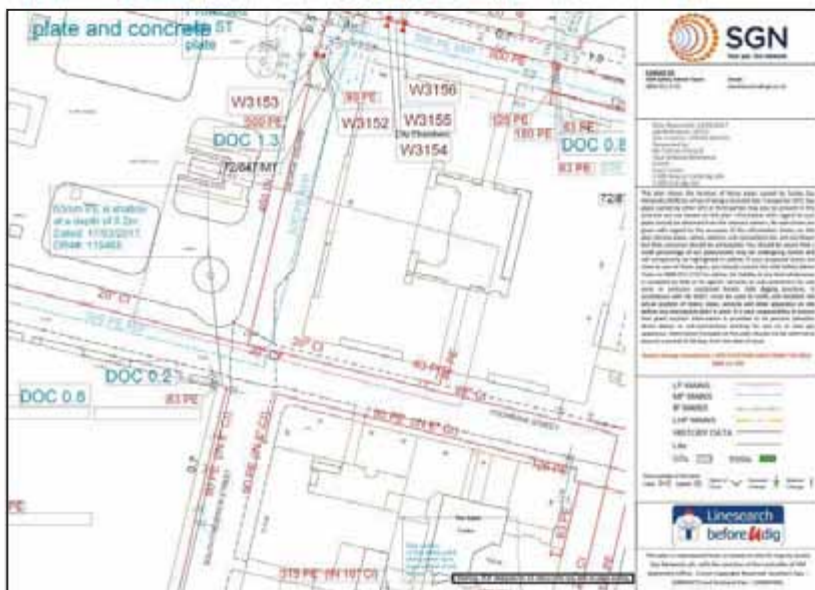
Our simple and easy to use online mapping system is available 24/7, 365 days a year.

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.

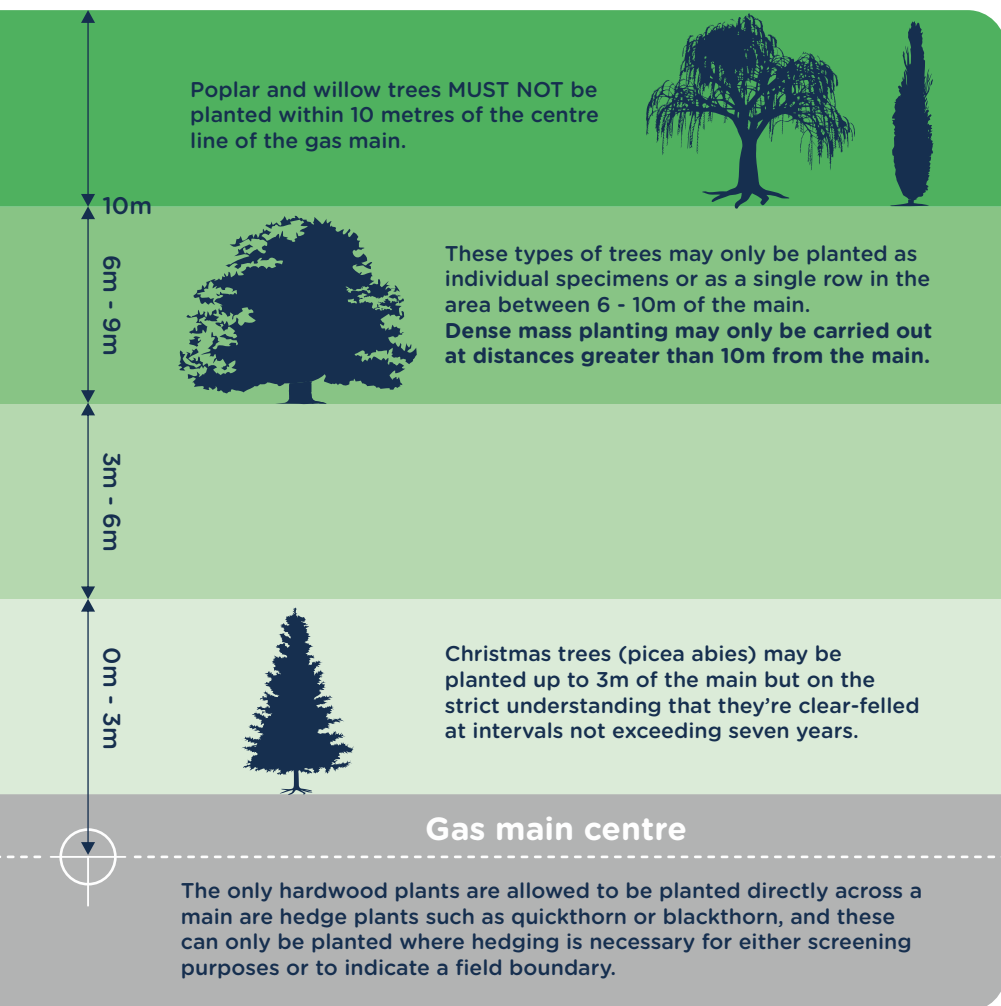
### Gas main centre

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.

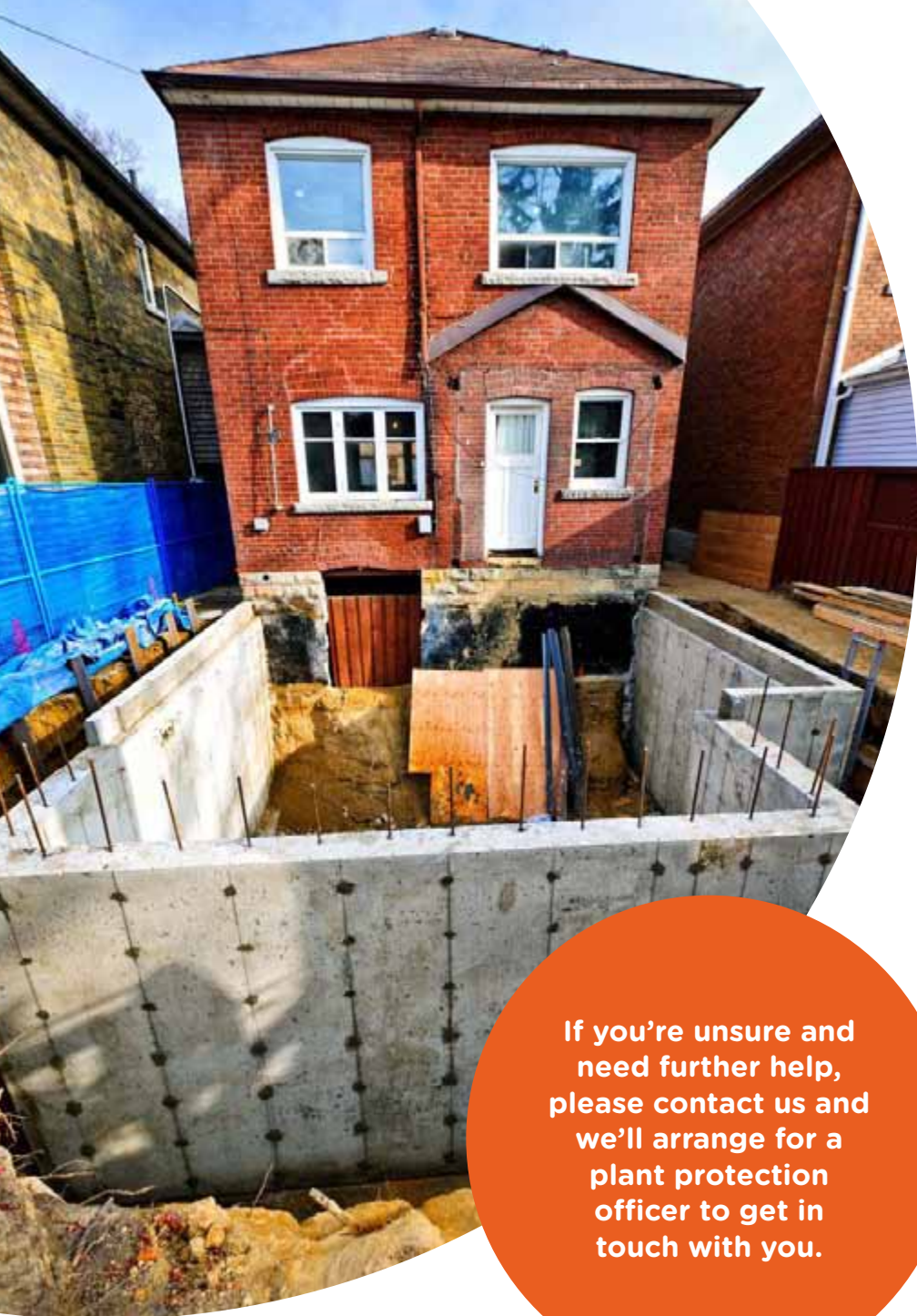


on a servitude/easement will be subject to us retaining the right to remove any tree, which in our opinion may become a danger to our mains in the future.

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**



**0800 912 1722 \***

\*All calls are recorded and may be monitored



# Safety Advice - Valves



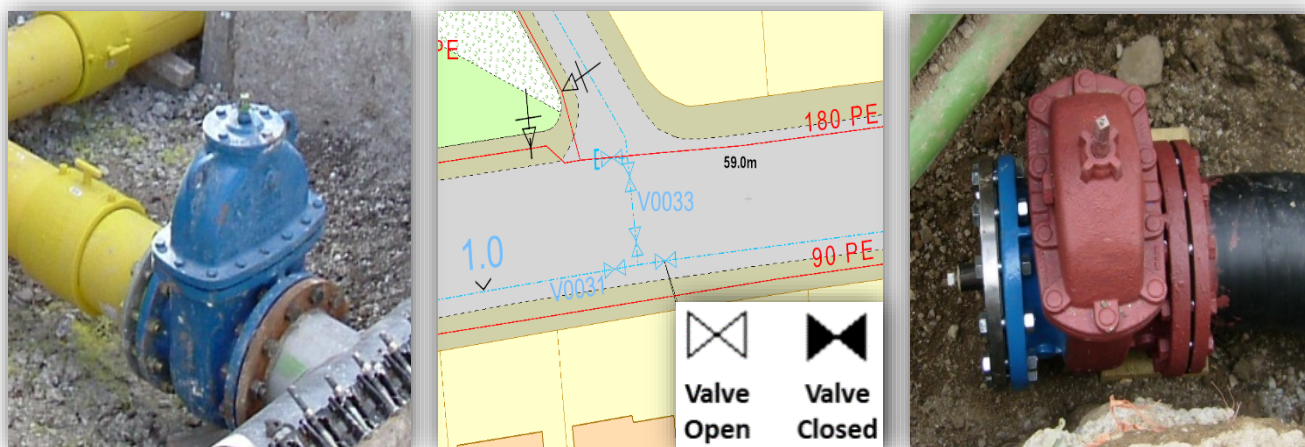
## Guidance when undertaking work near gas valves in our network areas

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

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

## Identifying gas valves

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



## What should you do?

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

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

## Contact details

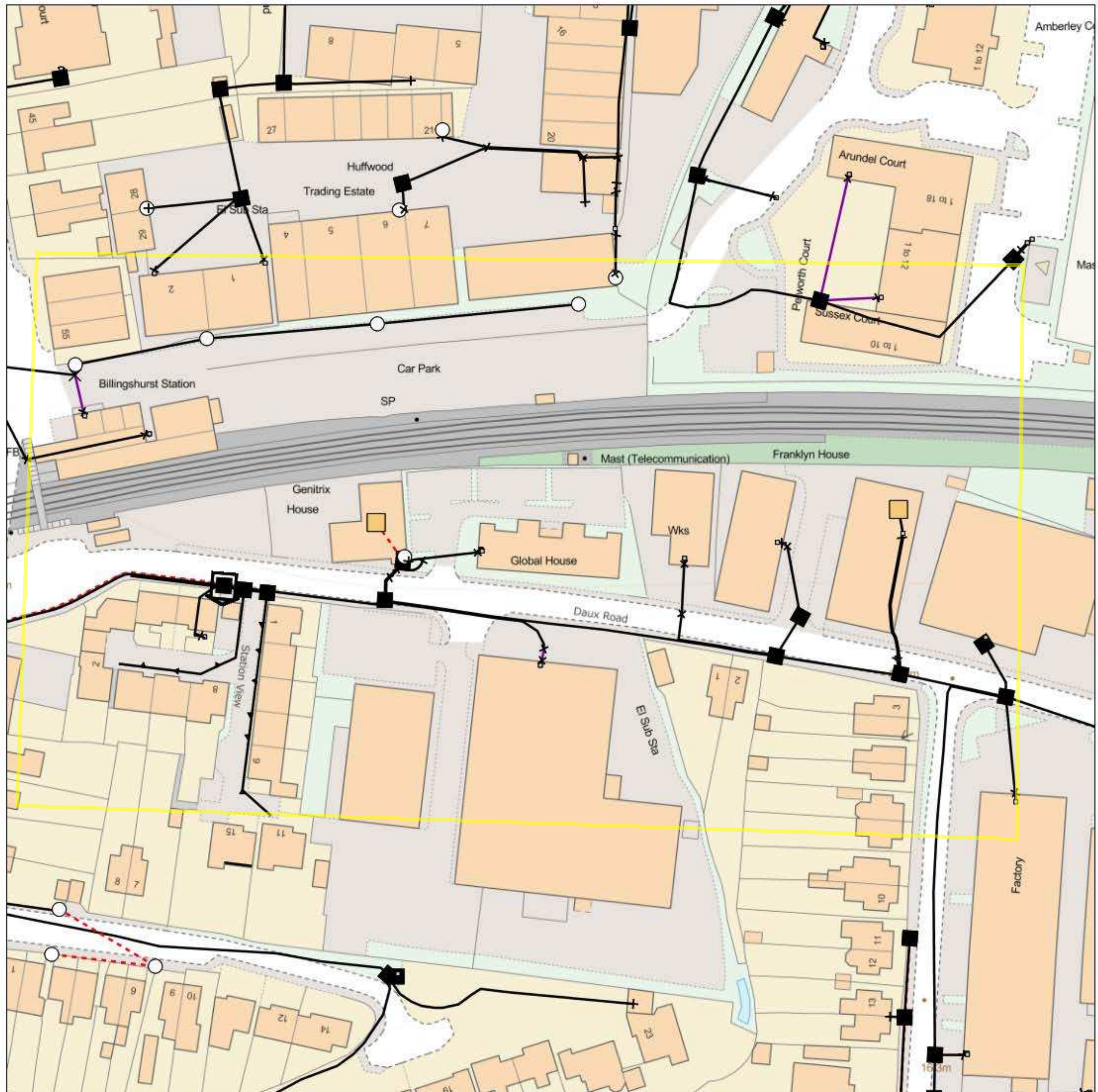
If you require further information or need assistance please contact us:

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

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



# Maps by email Plant Information Reply



## IMPORTANT WARNING

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



**openreach**

### CLICK BEFORE YOU DIG

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

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

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

### Accidents happen

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

## KEY TO BT SYMBOLS

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

BT Ref : UGK02456X

Map Reference : (centre) TQ0890425093

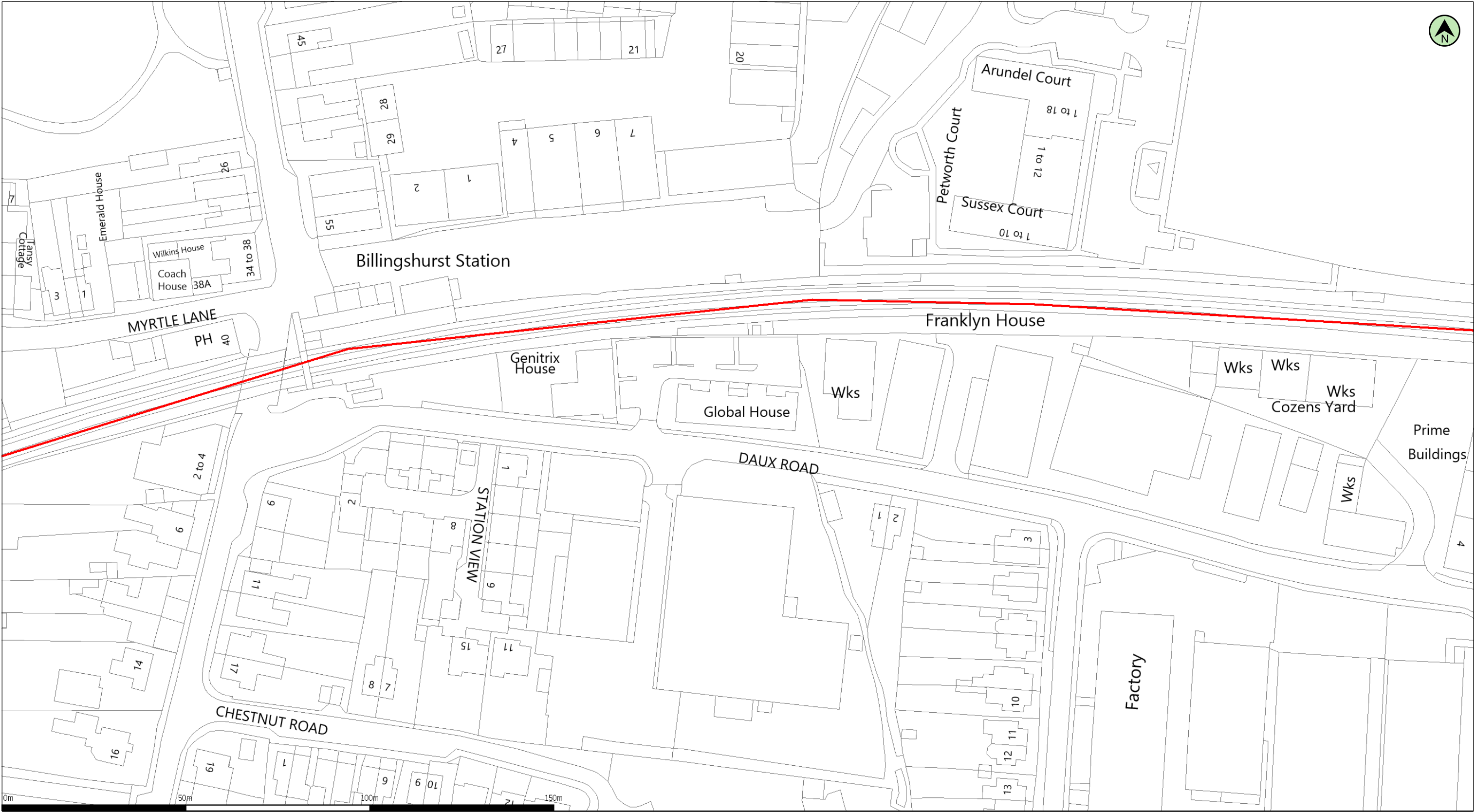
Easting/Northing : (centre) 508904,125093

Issued : 22/03/2021 14:45:57

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

**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)**





(c) Crown copyright and database rights 2021 Ordnance Survey 100019209

Date: 20/04/21

Scale: 1:1000

Map Centre: 508904,125093

Data updated: 01/04/21

Our Ref: 542453 - 1

Telecoms Plan A3

Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2021 Ordnance Survey 100019209.

Duct, Trench

Chamber

Cabinet

Daux Road



---

**From:** plantenquiryservice@gtc-uk.co.uk  
**Sent:** 22 March 2021 14:45  
**To:** Premier Energy  
**Subject:** GTC Plant Enquiry - Ref- 1764392  
**Attachments:** 1764392.png

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

**Our Plant Enquiry Service Ref: 1764392**

**Your Enquiry Ref: Daux Road refresh**

Dear Premier Energy,

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

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

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

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

**Your sincerely,**

GTC Plant Enquiry Service.

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

**NOTE:**

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

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

**DISCLAIMER**

The information in this E-Mail and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies held on your system and notify the sender immediately. You



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**From:** Plant Enquiries <plantenquiries@lastmile-uk.com>  
**Sent:** 22 March 2021 10:41  
**To:** Premier Energy  
**Subject:** RE: Plant Enquiry - Daux Road Refresh

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

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

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

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

Regards



**Plant Enquiries**

|

e: [plantenquiries@lastmile-uk.com](mailto:plantenquiries@lastmile-uk.com) | w: [www.energetics-uk.com](http://www.energetics-uk.com)

a: Fenick House, Lister Way, Hamilton International Technology Park



---

**From:** AssetEnquiriesEAN <assetenquiries@energyassetsnetworks.co.uk>  
**Sent:** 23 March 2021 15:39  
**To:** Premier Energy  
**Subject:** RE: [EXTERNAL] Plant Enquiry - Daux Road Refresh

Good Afternoon,

Thank you for your below request, we can confirm that based on the details provided to us, we have no assets in the area.

Kind regards,

**Claire Potgieter**  
Engineering Support Administrator



Tel: 0333 666 2008

Web: [www.energyassetsnetworks.co.uk](http://www.energyassetsnetworks.co.uk)

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**From:** Eclipse Enquiries <enquiries@eclipsepower.co.uk>  
**Sent:** 22 March 2021 11:36  
**To:** Premier Energy  
**Subject:** RE: Plant Enquiry - Daux Road Refresh

Good Morning,

We can confirm we do not have anything in this area at present.

Thank you for your email.

Please do not hesitate to contact me with any queries

Victoria Coles  
Eclipse Power  
Office: +44 (0) 1234 486487  
Mobile: +44 (0) 7860927197

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



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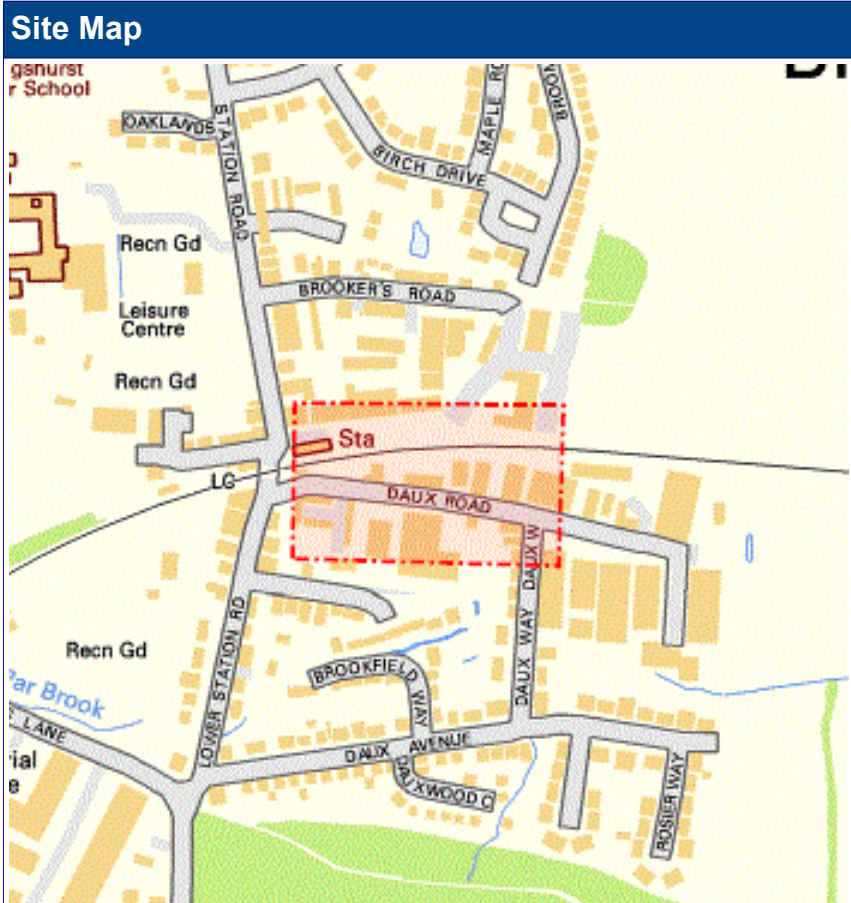
## Enquirer

Name	xxxxxxx xxxxxxxxx	Phone	01403740240
Company	Premier Energy	Mobile	Not Supplied
Address	Premier House Daux Road Billingshurst West Sussex RH14 9SJ		
Email			

## Enquiry Details

Scheme/Reference	Daux Road		
Enquiry type	Initial Enquiry	Work category	Development Projects
Start date	23/04/2021	Work type	Housing
End date	23/04/2021	Site size	29505 metres square
Searched location	XY= 508904, 125093	Work type buffer*	25 metres
Confirmed location	508907 125094		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works			

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





## Asset Owners

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

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

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

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

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

Below are three lists of asset owners:

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

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

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

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

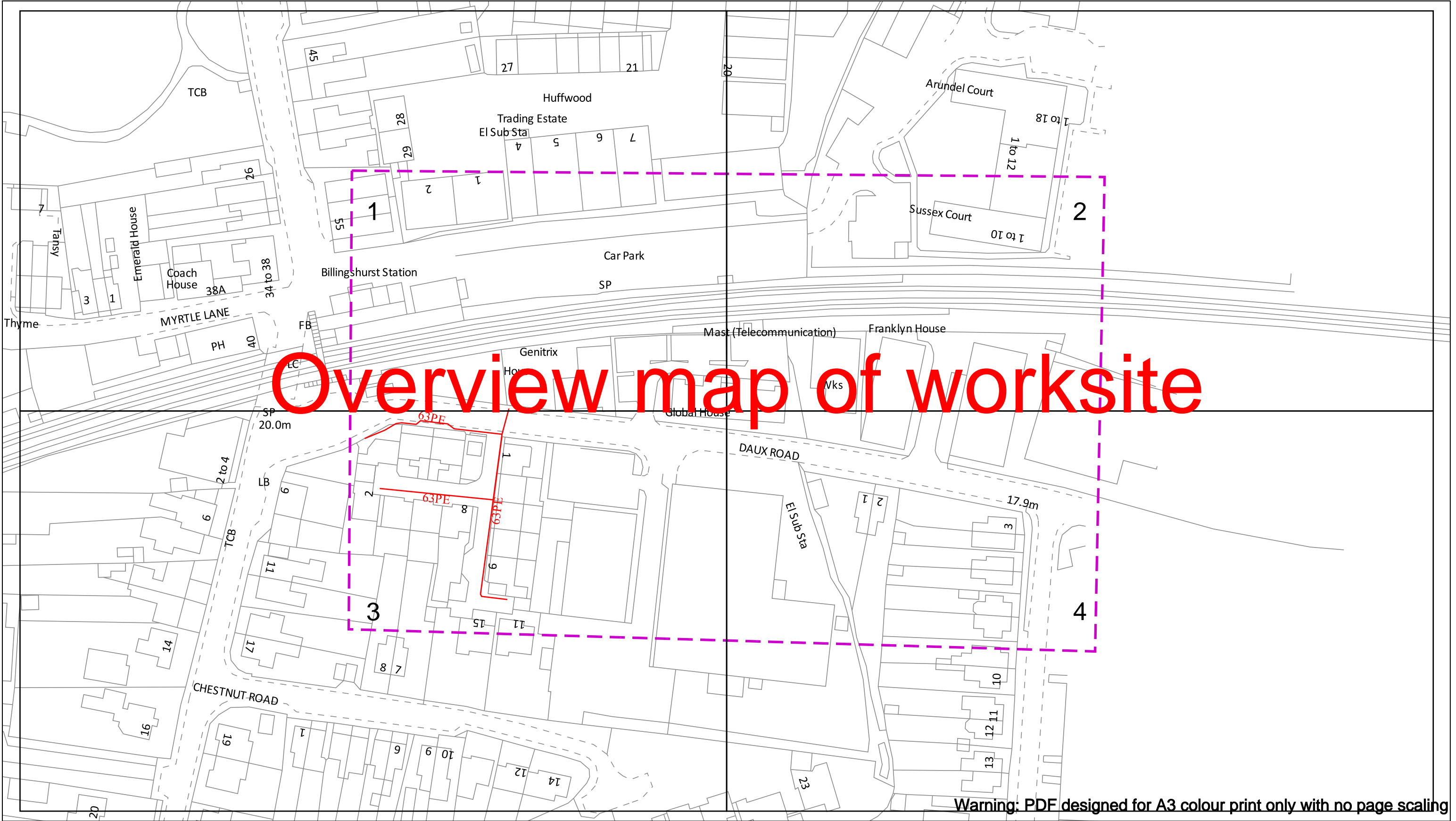
List of affected LSBUD members			
Asset Owner	Phone/Email	Emergency Only	Status
Scottish and Southern Electricity Networks	08000483516	08000727282	Await response
SGN	08009121722	0800111999	Await response
SSE Utility Solutions Limited	03450707386	Gas 0800111999 Enterprise Water and Electric 0345 078 3268	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)
Box Broadband	BP Exploration Operating Company Limited	BPA
Carrington Gas Pipeline	CATS Pipeline c/o Wood Group PSN	Cemex
Centrica Storage Ltd	Chrysaor Production (UK) Limited	CNG Services Ltd
Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd	Diamond Transmission Corporation
DIO (MOD Abandoned Pipelines)	DIO (MOD Live Pipelines)	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	Exolum Pipeline System
Fulcrum Pipelines Limited	Gamma	Gas Networks Ireland (UK)
Gateshead Energy Company	Gigaclear Ltd	Gtt
Heathrow Airport LTD	Humbly Grove Energy	IGas Energy
INEOS FPS Pipelines	INEOS Manufacturing (Scotland and TSEP)	INOVYN ChlorVinyls Limited
INOVYN Enterprises Limited	Intergen (Coryton Energy or Spalding Energy)	Jurassic Fibre Ltd
Mainline Pipelines Limited	Manchester Jetline Limited	Manx Cable Company
Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited	Murphy Utility Assets
National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	Northumbrian Water Group	NPower CHP Pipelines
NYnet Ltd	Oikos Storage Limited	Ørsted
Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos	Phillips 66
Portsmouth Water	Premier Transmission Ltd (SNIP)	Redundant Pipelines - LPDA
RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)	SABIC UK Petrochemicals
Scottish Power Generation	Seabank Power Ltd	SES Water
Shell	Shell NOP	SSE Enterprise Telecoms
SSE Generation Ltd	Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)

Total Finaline Pipelines	Transmission Capital	UK Power Networks
Uniper UK Ltd	University of Cambridge Granta Backbone Network	Vattenfall
Veolia ES SELCHP Limited	Veolia ES Sheffield Ltd	VPI Power Limited
Wales and West Utilities	West of Duddon Sands Transmission Ltd	Western Power Distribution
Westminster City Council	Zayo Group UK Ltd c/o JSM Group Ltd	

# Overview map of worksite











Dig Sites Area:   Line:  

Date Requested: 22/04/2021  
Job Reference: 21919295  
Site Location: 508903 125092  
Your Scheme/Reference: Daux Refresh  
Scale: 1:1025 (When plotted at A3)

#### IMPORTANT NOTICES

- This information is given as a guide only and its accuracy cannot be guaranteed
- The plan only shows pipes owned by SSE Utility Solutions Limited, Indigo Pipelines Limited
- Service pipes etc. may not be shown but their presence should be anticipated
- You must use safe digging practices in accordance with H5(G)47 to establish the actual position of mains, services and other apparatus before any mechanical excavation is used
- It is your responsibility to ensure this information is provided to all persons working near our plant
- If in doubt call the SSE Enterprise Dial Before You Dig team on 0345 070 7386.

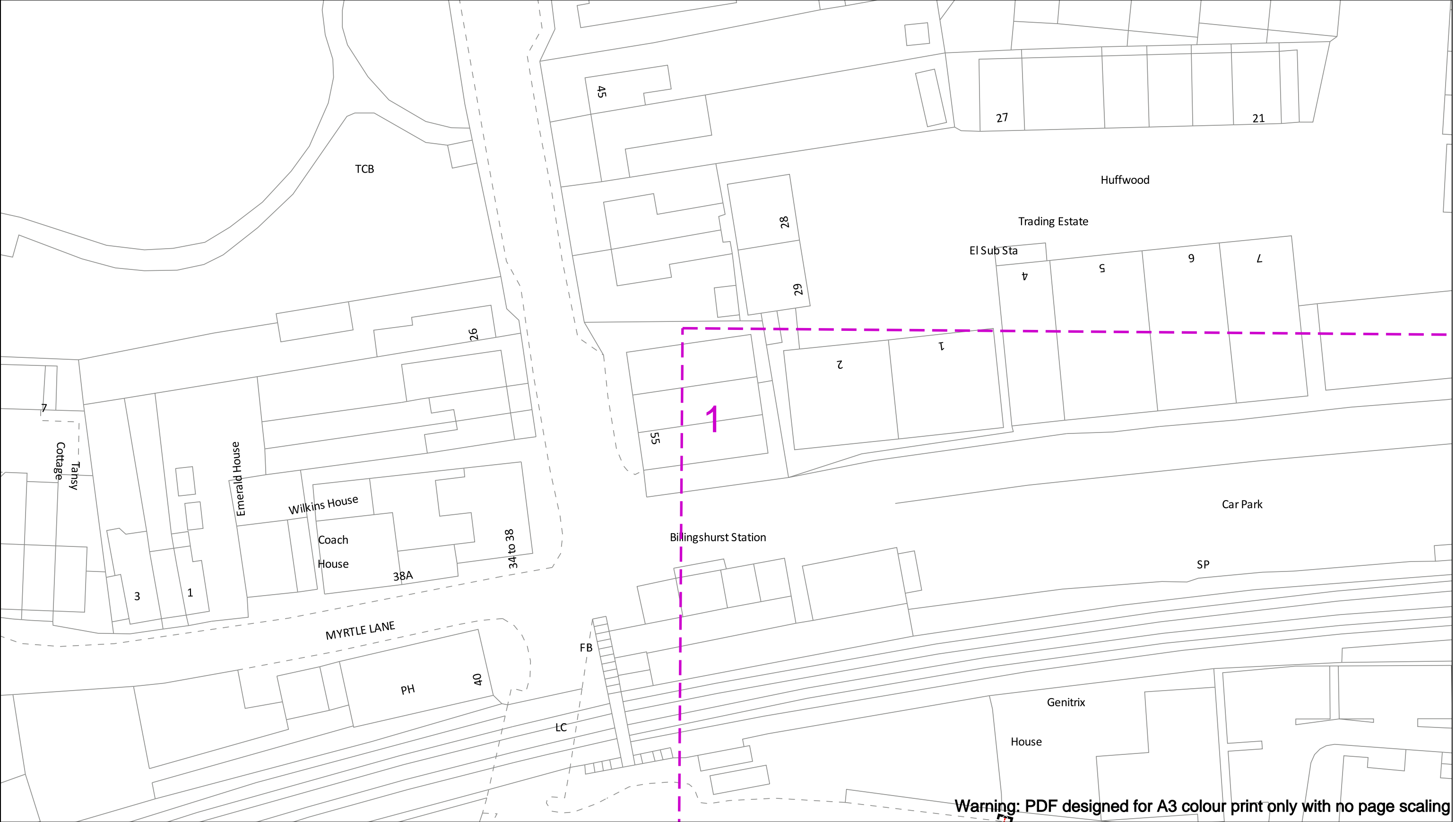
Please note: If you have overlaps or misalignments between base maps that make it difficult to understand please contact DBYDEnterpriseEnquiries@sse.com or call 0345 070 7386

- |  |  |  |
|--|--|--|
| <span style="color: red;">—</span> LP Main         |  Valve Closed               |  Reducer          |
| <span style="color: red;">—</span> LP Service      |  Valve Open                 |  Ducting          |
| <span style="color: blue;">- - -</span> MP Main    |  CSEP                       |  Gas Supply Point |
| <span style="color: blue;">- - -</span> MP Service |  Pressure Reduction Station |  |
| <span style="color: green;">- . - .</span> IP Main |  End Closure                |  |



**Indigo Pipelines Ltd.**  
Registered Office:  
Loddon Reach,  
Reading Road,  
Arborfield,  
Reading,  
Berkshire, RG2 9HU







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

050m

Dig Sites

Area: 


Line: 


Date Requested: 22/04/2021  
Job Reference: 21919295  
Site Location: 508903 125092  
Your Scheme/Reference: Daux Refresh  
Scale: 1:500 (When plotted at A3)


**IMPORTANT NOTICES**


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 LP Main


 LP Service


 MP Main


 MP Service


 IP Main


 Valve Closed


 Valve Open


 CSEP



 Pressure Reduction Station

 End Closure

 Reducer

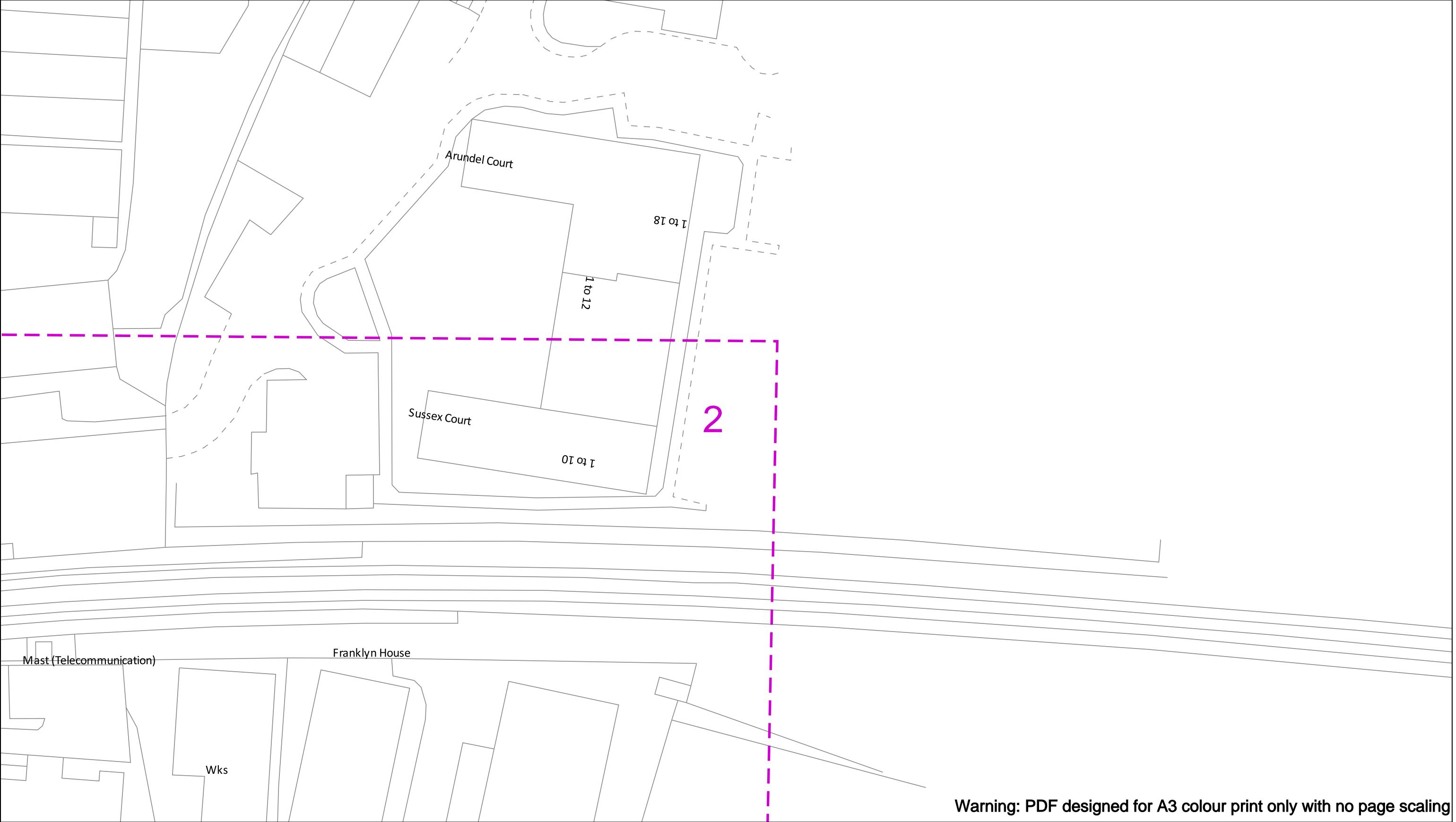
 Ducting

 Gas Supply Point



**Indigo Pipelines Ltd.**  
Registered Office:  
Loddon Reach,  
Reading Road,  
Arborfield,  
Reading,  
Berkshire, RG2 9HU

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050m

Dig Sites

Area:  Line:

Date Requested: 22/04/2021  
Job Reference: 21919295  
Site Location: 508903 125092  
Your Scheme/Reference: Daux Refresh  
Scale: 1:500 (When plotted at A3)

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LP Main

LP Service

MP Main

MP Service

IP Main

Valve Closed

Valve Open

CSEP

Pressure Reduction Station

End Closure

Reducer

Ducting

Gas Supply Point

N

E

S

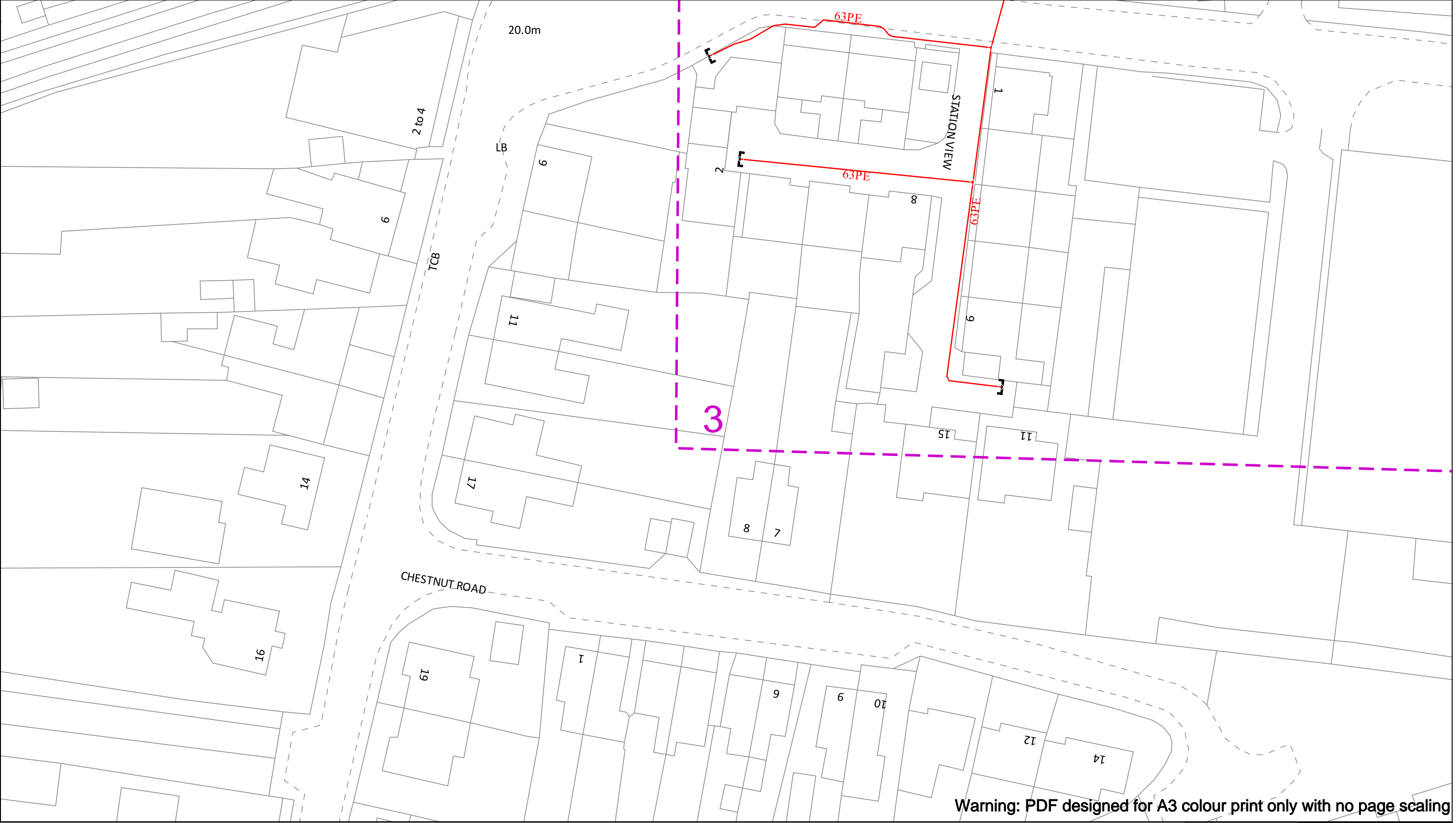
W

indigo

pipelines

**Indigo Pipelines Ltd.**  
Registered Office:  
Loddon Reach,  
Reading Road,  
Arborfield,  
Reading,  
Berkshire, RG2 9HU

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050m

Dig Sites

Area: ---

Line: ---

Date Requested: 22/04/2021

Job Reference: 21919295

Site Location: 508903 125092

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LP Main

LP Service

MP Main

MP Service

IP Main

Valve Closed

Valve Open

CSEP

Pressure Reduction Station

End Closure

Reducer

Ducting

Gas Supply Point

N

E

S

W

indigo pipelines

Indigo Pipelines Ltd.

Registered Office:

Loddon Reach,

Reading Road,

Arborfield,

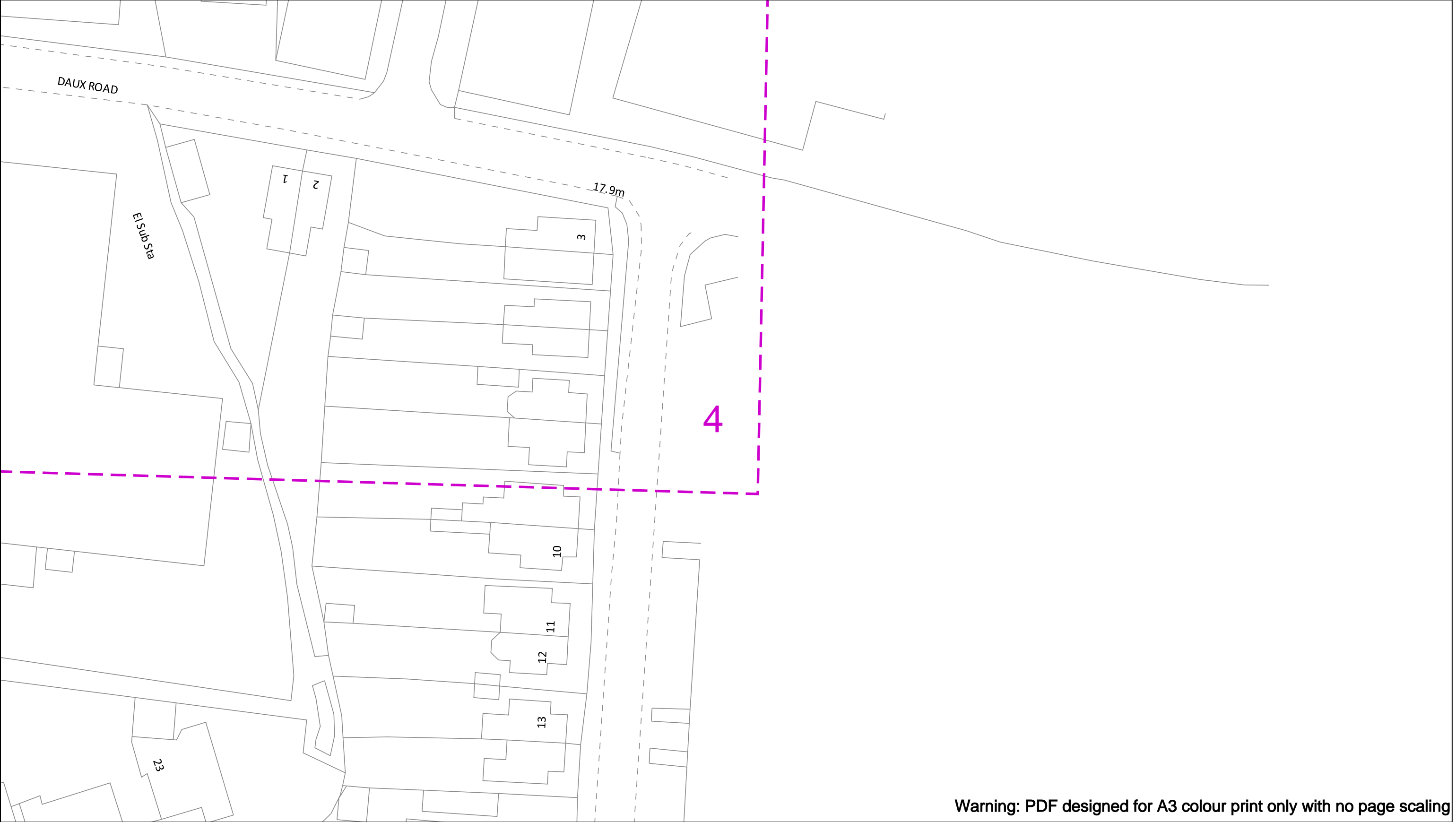
Reading,

Bearkshire, RG2 9HU

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050m

Dig Sites

Area:

Line:

Date Requested: 22/04/2021

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Site Location: 508903 125092

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LP Main

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Gas Supply Point

**Indigo Pipelines Ltd.**

Registered Office:

Loddon Reach,

Reading Road,

Arborfield,

Reading,

Bearkshire, RG2 9HU

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Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.



## **General Conditions to be observed for the Protection of Apparatus and the Prevention of Disruption to Gas Supplies**

General conditions affecting the design, construction or maintenance of services and/or structures or other works in the vicinity of Indigo Pipelines' plant, pipelines and associated installations:

These general conditions apply only to the gas apparatus and pipes operated by Indigo Pipelines. It is possible that there may be other gas transporters with apparatus in the vicinity, therefore you should ensure that you have made enquiries of them and have complied with their requirements.

### **1. GRAPHIC REPRESENTATION OF GAS MAINS**

Any plans supplied or marked up by Indigo will indicate the **APPROXIMATE** location of its apparatus. This information is provided as a general guide only; its accuracy cannot be guaranteed and is given without obligation or warranty. Service pipes are not shown but their presence should be anticipated. No liability whatsoever is accepted by Indigo Pipelines, its agents or servants for any error, omission, discrepancy or deviation. Plans on site should be current, i.e. no older than 28 days from the date of issue. Gas pipes owned by other Gas Transporters, or otherwise privately owned, may be present in this area; information with regard to such pipes should be obtained from the relevant owners.

Should you require assistance on site locating Indigo Pipelines' apparatus, please contact our Gas Asset Management team on 0345 072 1919.

### **2. METHODS OF WORKING**

The following methods of work shall not normally be permitted within the limits of distance indicated (relative to the established pipe position). Any variances must have consent from Indigo Pipelines before works commence on site:

Mechanical Excavation	<b>3m (1m for low pressure mains)</b>	Hydraulic Testing	<b>8 m</b>
Piling / Pile removing / Boring	<b>15m</b>	Welding or other hot works*	<b>15m</b>
Directional Drill Operations	<b>15m</b>	Explosives	<b>250m</b>

\* NOTE: Welding or other hot works involving naked flames shall be carried out at a safe distance to the satisfaction of an Indigo Pipelines Engineer. A check should be made prior to the commencement of works, to ensure a gas free atmosphere exists. It is also necessary to monitor the atmosphere at regular intervals for the duration of the works. In no case shall such activities take place in any Indigo Pipelines Utilities Easement without the written consent and in the presence of an Indigo representative.

Indigo Pipelines must be consulted prior to carrying out any excavation work within **10m** of any above or below ground gas installations or pipeline

In addition to the above methods of working, Indigo Pipelines must be contacted prior to any External Wall Installation (EWI) schemes, proposed solar farms and wind turbine installations.

No work shall be undertaken near, nor heavy plant or equipment moved over, any gas pipeline or apparatus until all of the conditions specified by Indigo Pipelines have been complied with.

Where Indigo Pipelines have apparatus in the vicinity of your work, any damage to it could have serious consequences. In view of this and in the interests of safety, a meeting should be arranged before the commencement of work on site between Indigo Pipeline representatives, representatives of the promoting authority, the contractors and any other interested parties. At this meeting the suggested programme of site works and plant safety should be discussed. It is essential that this meeting is convened well in advance of commencement on site. Access to Indigo plant and facilities for inspection by Indigo Pipelines staff must not be affected. Where formal consent has been given, **A MINIMUM OF SEVEN DAYS NOTICE IS REQUIRED** before carrying out work in Indigo Pipelines easements, or the appropriate notice under the New Roads & Street Works Act (NRSWA) where existing plant is situated within the public highway.

Further guidance can also be sought from the document **HS(G)47 – Avoiding Danger from Underground Services** from the HSE website.

### **3. PROXIMITY OF OTHER PLANT**

A minimum clearance of **600 millimetres (mm)** should be allowed between all plant being installed and an existing gas main operating above 2 bar medium pressure (MP), whether the adjacent plant is parallel to or crossing the gas pipe. For mains operating at MP or below, this distance can be reduced to 300mm. **NO APPARATUS SHOULD BE LAID OVER AND ALONG THE LINE OF A GAS PIPE, IRRESPECTIVE OF CLEARANCE.**

No manhole or chamber shall be built over or around a gas pipe and no work should be carried out which results in a reduction of

cover or protection over a pipe without consultation with and the agreement of Indigo Pipelines staff.

#### 4. PROTECTION

Where any works cross or run in close proximity to Indigo Pipelines apparatus, periodic visits must be made by an Indigo Pipelines engineer. Their requests for protection or support to the apparatus shall be immediately observed.

Suitably designed crossing points are to be constructed to the satisfaction of an Indigo Pipelines Engineer. These crossing points shall be clearly indicated by the erection of bunting and crossings at other places should be prevented.

Backfill material adjacent to Indigo Pipelines apparatus shall be soft fill or sand, containing no stones, bricks, or lumps of concrete etc., placed to a minimum 150mm around the mains and is to be well compacted by hand. No power consolidation shall take place above the main until 300mm of soft fill has been compacted by hand.

#### 5. DAMAGE TO COATINGS

Where a gas pipe is coated with special wrapping and this is damaged, even to a minor extent, Indigo Pipelines must be notified so that repairs can be made to prevent future corrosion and subsequent leakage. **WHERE MINOR DAMAGE TO COATING IS REPORTED TO INDIGO PIPELINES PRIOR TO BACKFILL, THE NECESSARY REPAIR WILL BE MADE FREE OF CHARGE.**

#### 6. CATHODIC PROTECTION

Where Indigo Pipelines apparatus is cathodically protected either by sacrificial anode or impressed current systems and where new apparatus is to be laid and is to be similarly protected, Indigo Pipelines will require to carry out interaction tests to determine whether its own system is adversely affected. The cost of any mutually agreed remedial action will be recharged to the authority installing the new apparatus. If any bond wires, test leads etc., used in connection with cathodic protection systems are damaged or found to be in poor condition, broken or disconnected, Indigo must be notified prior to backfilling so that a repair can be made.

#### 7. HOT WORKS

Even when a gas free atmosphere exists care must be taken when carrying out hot works in close proximity to gas plant in order to ensure that no damage occurs. Particular care must be taken to avoid damage by heat or naked flames to plastic gas pipes or to the protective coatings on other pipes.

#### 8. DEMOLITION

Live gas services must be disconnected **PRIOR** to demolishing any property, arrangements must be made for Indigo to check for the presence of any live gas services.

#### 9. TREE PLANTING

Indigo must be contacted prior to all tree-planting works above or near our apparatus. Further information can then be made available.

#### 10. DEEP EXCAVATIONS

Any work involving deep excavations (1.5m or more) will be subject to the "Model Consultative Procedure for Pipeline Construction involving Deep Excavations". This may require the diversion of Indigo Pipelines apparatus prior to the commencement of your works.

Detailed plans and cross sections will be required in order to determine the effect of these works on Indigo Pipelines apparatus.

#### 11. RENEWABLE ENERGY INSTALLATIONS

Wind Turbines – Indigo Pipelines must be advised of any planned development of wind turbines in the vicinity of an above 2 bar gas pipelines to ensure the development does not impact on the future safe operation of the pipeline. Industry guidance states that any wind turbine must be sited no closer than 1.5 times the proposed height of the turbine mast away from the nearest edge of the pipeline.

Solar Farms – Indigo Pipelines must be contacted regarding planned solar farms being considered in the vicinity of Indigo gas pipelines.

EWI – Indigo must be contacted regarding any EWI scheme to ensure the scheme does not impact upon Indigo's apparatus.

#### 12. LEAKAGE FROM GAS MAINS OR SERVICES

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

- Remove all personnel from the immediate vicinity of the escape.
- Inform the 24hr Gas Emergency Service on **0800 111 999**
- Prevent any approach by the public, prohibit smoking, and extinguish all naked flames or other sources of ignition for at least 15 metres from the leakage. Do not operate any electrical switches in the vicinity of the escape.
- Assist gas personnel, Police and/or Fire Services as requested.

**IN THE EVENT OF A LEAK, OBSERVE THE ABOVE BUT DO NOT ATTEMPT TO SEAL THE LEAK**

**REMEMBER – IF IN DOUBT; CONTACT 24HR GAS EMERGENCY LINE 0800 111 999**

### 13. BUILDING PROXIMITIES

There are minimum proximity distances for buildings from Indigo Pipelines mains depending on both the operating pressure and the material of the main. Advice should be sought from Indigo prior to building works taking place to confirm these distances. For High Pressure pipelines you must seek further guidance from the HSE and Local Authority Planning team regarding their PADHI distances regarding building proximities as these may be in addition to Indigo Pipelines proximity distances for a pipeline.

Temporary buildings should not be placed above any gas pipe or within 3.0 metres of mains operating above 75mbar (medium, intermediate and high-pressure mains) during construction activities and in no circumstances should permanent structures be built over any pipe transporting gas.

### 14. SITE RESPONSIBILITIES

All costs incurred by Indigo for the repair of direct or consequential damage to gas plant will be rechargeable (with the exception of paragraph 5). Indigo reserves the right to divert any affected apparatus or alternatively specify suitable protection of its apparatus. If proved necessary during the course of site works, the cost of which will be chargeable.

The above requirements do not relieve you of the responsibility of taking all precautions necessary to safeguard the Company's plant and to avoid risk to persons and property. The persons for whom the works are being undertaken, their servants, agents and contractors shall indemnify Indigo's servants, agents and contractors against any loss, damage, expenses, claims and actions incurred or brought against Indigo Pipelines, its servants, agents and contractors in consequence of the provision of these works and activities associated therewith or ancillary thereto.

### KEY TO MAPS

<b>LP</b>	Low Pressure	<b>PE</b>	Polyethylene
<b>MP</b>	Medium Pressure	<b>ST</b>	Steel
<b>IP</b>	Intermediate Pressure		

---

**From:** Plantenquiries <plantenquiries@catelecomuk.com>  
**Sent:** 25 March 2021 19:42  
**To:** xxxxxxxx xxxxxxxx  
**Subject:** RE: Plant Enquiry - Daux Road Refresh

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

Dear Sir/Madam,

Thank you for your enquiry for the above reference.

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

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

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

Kind regards,

**Plant Enquiry Team**



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

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**From:** NRSWA <nrswa.nrswa@sky.uk>  
**Sent:** 06 April 2021 17:26  
**To:** xxxxxxxx xxxxxxxx  
**Subject:** Plant Enquiry - Daux Road Refresh



Thank you for your enquiry.

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

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

Regards



NRSWA Department  
Sky UK - Technology - Operations

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

---

**From:** Plantenquiries <Plantenquiries@instalcom.co.uk>  
**Sent:** 23 March 2021 13:57  
**To:** xxxxxxxx xxxxxxxx  
**Subject:** RE: E03-21-6799 Plant Enquiry - Daux Road Refresh

Dear Sir or Madam,

Thank you for your plant enquiry below.

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

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

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

Regards

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

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



---

**From:** UK OSP-Team <osp-team@uk.verizon.com>  
**Sent:** 22 March 2021 11:02  
**To:** xxxxxxxx xxxxxxxx  
**Cc:** UK OSP-Team  
**Subject:** RE: [E] Plant Enquiry - Daux Road Refresh

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.

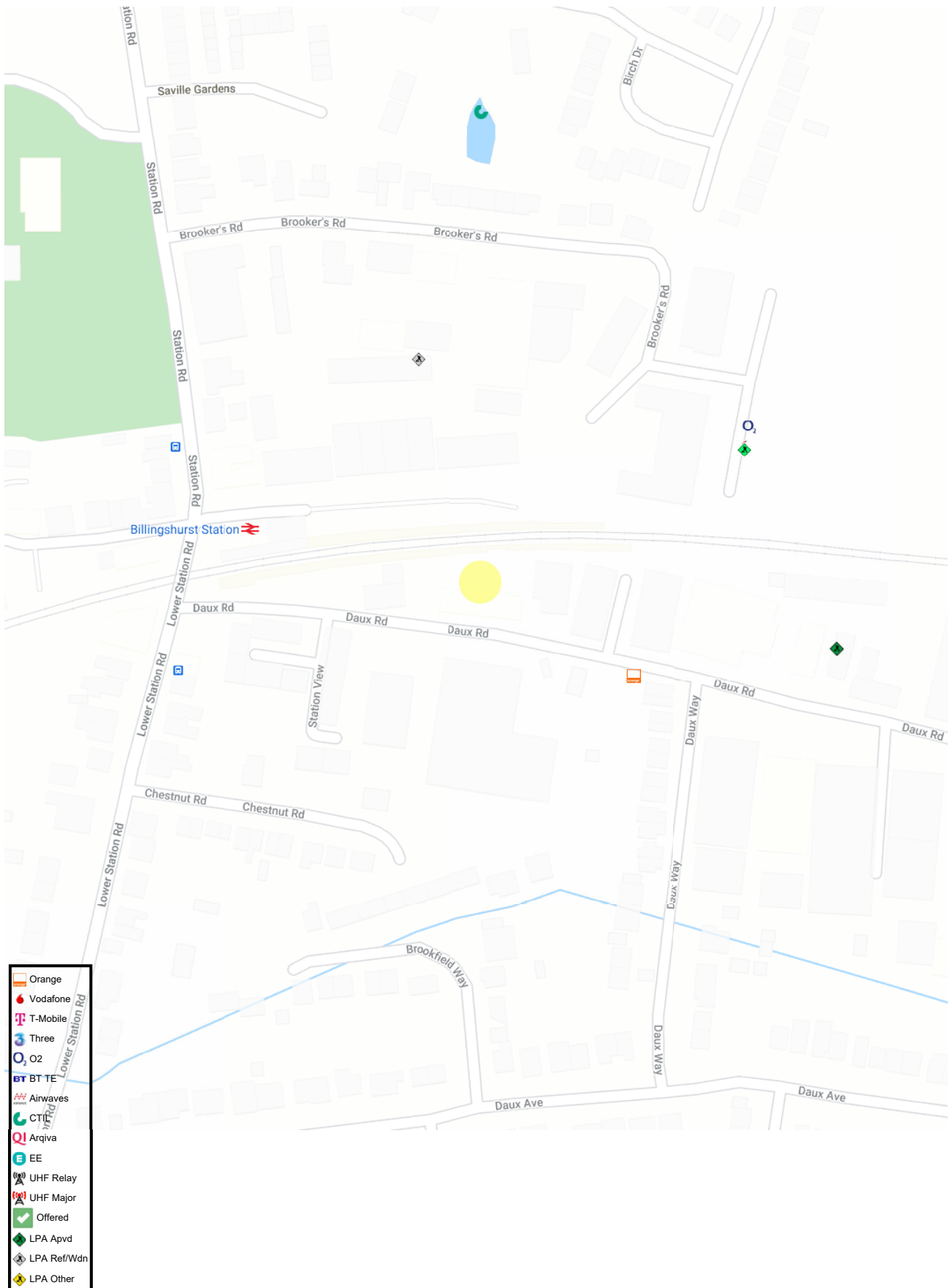
If you have any further queries please do not hesitate to get in touch.

Yours faithfully

Plant Protection Officer (GB) Email osp-team@uk.verizon.com

[Home](#)
[Back](#)


15 / 1 / 1 / 1 /



Google

Map data ©2021

---

**From:** MBNLplantenquiries <mbnl.plant.enquiries@turntown.com>  
**Sent:** 22 March 2021 14:36  
**To:** xxxxxxxx xxxxxxxx  
**Subject:** RE: Plant Enquiry - Daux Road Refresh

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 H3G 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.

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

Thank you.  
Kind regards,

MBNL SHQE Team

Turner & Townsend

t: 0121 262 3663 | [www.turnerandtownsend.com](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





Worksite Survey Team  
National Records Centre  
Audax Road  
YORK

NRSWA Asset Enquiries

YO30 4US

Dear Sir/Madam,

---

**Please find information available as per the checklist.**

The information contained herein is based on Network Rail's records and, where appropriate, third parties such as utility companies. The search enclosed does not cover a search of local council records. Also, schematic Signal and Telecom (S&T) cables plans are not provided as part of the search results, therefore you must assume S&T cables are present until proven otherwise.

Although at the date of this letter the information is as up to date as possible, it is **NOT** a statement of validity, accuracy or completeness as to any of the enclosed search information and must not be relied on as such.

Your risk assessment **MUST** take into account:

- That the information supplied, including the services shown on the map from the Rail Infrastructure Network Model (RINM), does not provide any guarantee as to the accuracy of the actual location of services on site and **MUST** be considered as for guidance purposes only.
- That new/unrecorded services are likely to be present
- That the enclosed buried services search information has been collated only for the ELR and Mileage boundaries as stated on the original request form

Included in the buried services search is a list of ASPRO engineers & managers you **MUST** contact before any ground disturbance is carried out, to check whether further information is held locally.


Further guidance can be obtained from the Health and Safety Executive publication HSG47 "Avoiding Danger from Underground Services" and the Network Rail Publication NR/L2/INI/CP1030.

Should you become aware of any additional underground services or assets within the locality during your investigations and/or works, including redundant assets, please identify them as a matter of urgency to the site manager. Records of the location of these assets should be kept for onward transmission and entry into the Hazard Directory.

Yours sincerely

**NRSWA Team**

Worksite Survey

<b>Buried Services Information Checklist</b>			
<b>Your Ref</b>	Daux Road Refresh	<b>Our Order Ref</b>	90114
<b>Network Rail Record Type</b>	<b>Category</b>	<b>Enclosed Yes/No</b>	<b>Notes (e.g. Nil Return)</b>
Asset Protection National Map	Contact Ino	Y	
Hazard Directory	Hazard	Y	
Site Map	GIS Systems	Y	
eB - Corporate records management system	National Records Group	Y	
Network Rail - Drainage	GIS Systems	Y	
National Records Group - Civils Records	National Records Group	Y	

**NIL RETURN:** After interrogating the information made available to us, no records containing buried services information have been returned for this worksite. However, reference must be made to the guidelines supplied with this buried services search, which contain important information on safe working practices.



Please complete a development questionnaire and submit it to the relevant route email address found on the map below

The Asset Protection Project Managers lead dedicated teams in providing advice to the public who are planning activities on or near the railway.

The teams deal with a multitude of issues including neighbouring construction sites, utility works, bridge works, domestic maintenance, new road schemes, inspection and surveying and works within the designated precautionary area of level crossings.

\* It does not cover subjects such as emergencies, Town & Country Planning, property Sales or complaints.

#### SCOTLAND

Network Rail  
Asset Protection Team  
Floor 2, Buchanan House  
58 Port Dundas Road  
Glasgow  
G4 0LQ

Tel:- 0141 555 4087

Manager: Raymond Sheridan

NEW ENQUIRIES  
[AssetProtectionScotland@networkrail.co.uk](mailto:AssetProtectionScotland@networkrail.co.uk)

#### NORTH WEST

Network Rail  
Asset Protection Team  
Floor 1, Square One  
4 Travis Street  
Manchester  
M1 2NY

Tel:- 0161 880 3706

Manager: Mark Stevens

NEW ENQUIRIES  
[AssetProtectionLNWNorth@networkrail.co.uk](mailto:AssetProtectionLNWNorth@networkrail.co.uk)

#### WALES

Network Rail  
St. Patrick's House  
17 Penarth Road  
Cardiff  
CF10 5ZA

Tel:- 0292 092 9613

Manager: James O'Gorman

NEW ENQUIRIES  
[AssetProtectionWales@networkrail.co.uk](mailto:AssetProtectionWales@networkrail.co.uk)

#### WESTERN

Network Rail  
Asset Protection Team  
5th Floor, Western House  
1 Holbrook Way  
Swindon  
SN1 1BD

Tel:- 01793 260 127

Manager: James O'Gorman

NEW ENQUIRIES  
[AssetProtectionWestern@networkrail.co.uk](mailto:AssetProtectionWestern@networkrail.co.uk)

#### WESSEX

Network Rail  
Wessex Asset Protection Team  
4th Floor, Waterloo General Offices  
Waterloo Station  
London  
SE1 8SW

Tel:- 0330 854 0648

Manager: Peter Barron

NEW ENQUIRIES  
[AssetProtectionWessex@networkrail.co.uk](mailto:AssetProtectionWessex@networkrail.co.uk)

#### SUSSEX

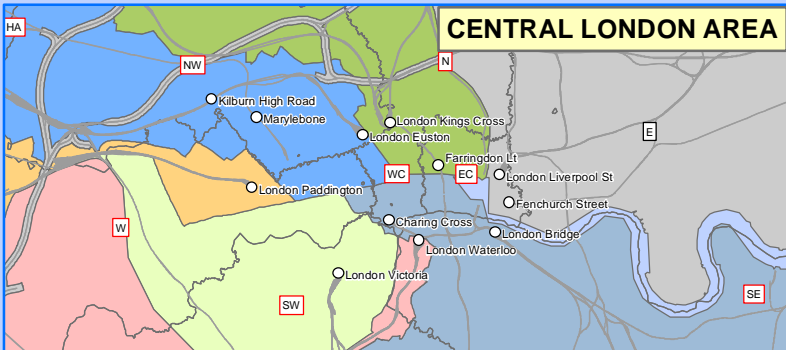
Network Rail  
Sussex Asset Protection Team  
27 Great Suffolk Street  
London  
SE1 0NS

Tel:- 0203 357 7968

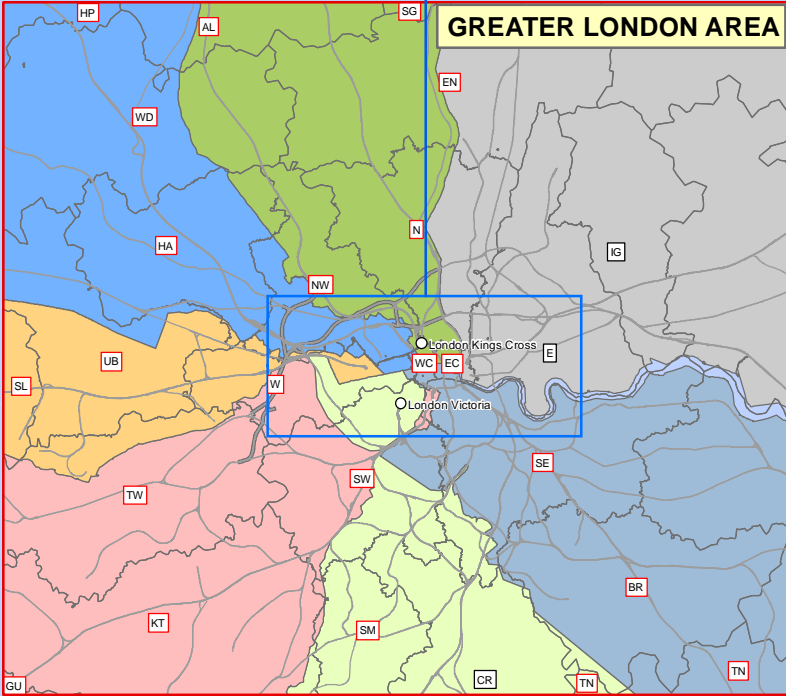
Manager: Logan Subramaniam

NEW ENQUIRIES  
[AssetProtectionLondonSouthEast@networkrail.co.uk](mailto:AssetProtectionLondonSouthEast@networkrail.co.uk)

#### CENTRAL LONDON AREA



#### GREATER LONDON AREA



#### EAST MIDLANDS, NORTH, EAST AND EAST COAST ROUTES

Network Rail  
Asset Protection Team  
George Stephenson House  
Toft Green  
York  
YO1 6JT

Tel:- 01904 384002

Manager: Ben Brooks

NEW ENQUIRIES  
[AssetProtectionEastern@networkrail.co.uk](mailto:AssetProtectionEastern@networkrail.co.uk)

#### ANGLIA

Network Rail  
Asset Protection Team  
11th Floor, One Stratford Place  
Montfichet Road  
Stratford, London  
E20 1EJ

Tel:- 0203 356 2510

Manager: Julie Houghton

NEW ENQUIRIES  
[AssetProtectionAnglia@networkrail.co.uk](mailto:AssetProtectionAnglia@networkrail.co.uk)

#### CENTRAL & WEST COAST MAINLINE SOUTH

Network Rail  
Asset Protection Team  
Floor 2, The Quadrant MK  
Elder Gate  
Milton Keynes  
MK9 1EN

Tel:- 01908 783 422

Manager: Mark Stevens

NEW ENQUIRIES  
[AssetProtectionLNWSouth@networkrail.co.uk](mailto:AssetProtectionLNWSouth@networkrail.co.uk)

#### KENT

Network Rail  
Kent Asset Protection Team  
27 Great Suffolk Street  
London  
SE1 0NS

Tel:- 0203 357 7965

Manager: Logan Subramaniam

NEW ENQUIRIES  
[AssetProtectionLondonSouthEast@networkrail.co.uk](mailto:AssetProtectionLondonSouthEast@networkrail.co.uk)

#### Network Rail (High Speed)

Website location: Network Rail / Industry & Partners / Network interface - High Speed 1

NEW ENQUIRIES  
[AssetProtectionHighSpeed1@networkrail.co.uk](mailto:AssetProtectionHighSpeed1@networkrail.co.uk)

#### LEGEND

**CH** UK Postcode (within single NR Territory)

**CH** UK Postcode (split between NR Territories)

— Rail Network

#### ASPRO NATIONAL MAP

CLIENT: TECHNICAL AUTHORITY

JOB NO.: 10519.107 USE TYPE: [INTERNAL]

SCALE : 1:3,000,000 @ A3 DATE: 28/09/2020

VERSION: 01 PRODUCED BY: EB QA BY: JB



#### Asset Information Services

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[GeospatialReportingAnalysis@NetworkRail.co.uk](mailto:GeospatialReportingAnalysis@NetworkRail.co.uk)

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Order ID: 90114

ELR	Start Mileage	End Mileage
TBH1	44.1407	44.1627





**National**

**Hazard**

**Directory**

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## **Terms and Conditions**

The National Hazard Directory (NHD) is issued by Network Rail to provide information on those hazards recorded as present on Network Rail's infrastructure. Its purpose is to alert users to the typical hazards they may come across whilst working on Network Rail's Infrastructure. The National Hazard Directory is maintained by Network Rail to provide its employees and contractors with information on known hazards present on the infrastructure in order to assist in the identification of the associated risks working 'on or near the line'.

The records are updated regularly and therefore Network Rail believe that the contents are reasonably accurate at the time of issue, but some of the information can vary in age and accuracy so for that reason Network Rail will give no warranty as to the suitability of its use. It is recommended that all searches (in particular for buried services) should be conducted together with a site specific risk assessment/site visit, taking into account the requirements of the appropriate track safety rules, rule books/industry standards and so on. Network Rail will accept no liability in respect of the content or subsequent use of the National Hazard Directory or any of the information contained within.

Users of the Directory must note that when working on or near the line that the appropriate requirements of the Rule Book, especially the provisions of the track safety rules, must be applied as appropriate to the activity concerned.

OnTrac Ltd does not warrant the use of the Network Rail National Hazard Directory or any of the information contained within and no representations or warranties are made as to completeness or accuracy of the data. The data should be used for reference purposes only. Accordingly, OnTrac Ltd will accept no responsibility for loss of profit or for any indirect, incidental or consequential damages.

**National Hazard Directory****Customised Report**

Search Criteria: ELR(s) = TBH1; Mileage From = 44.1407; Mileage To = 44.1627; Hazard Code(s) = HB, HBA, HBC, HBCS, HBD, HBE, HBF, HBFR, HBFS, HBG, HBI, HBL, HBM, HBN, HBO, HBP, HBR, HBS, HBSW, HBT, HBU, HBW, HCT, HU, HXE  
Date: 24/03/2021

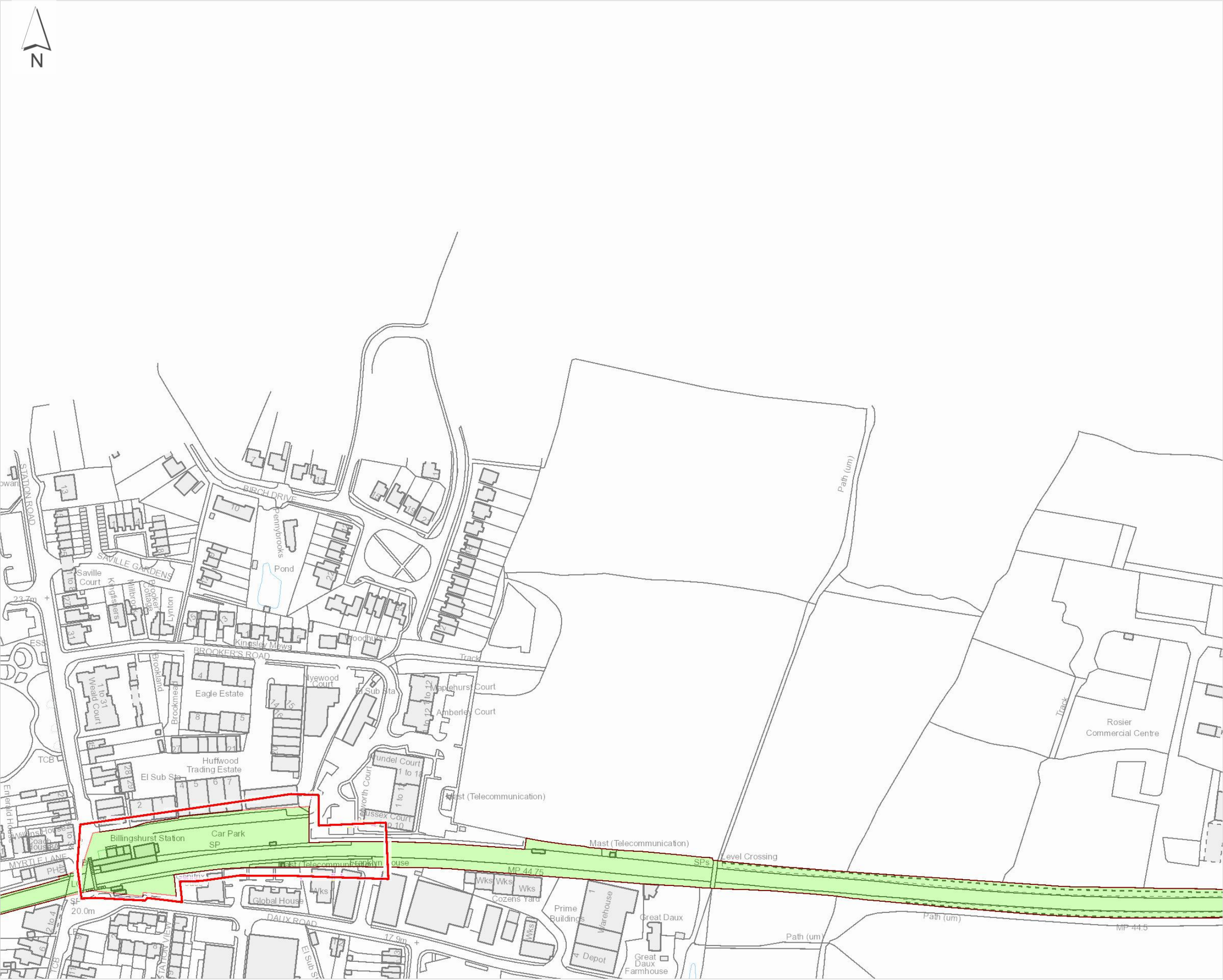
2 Hazards found.

ELR	ELR Name	Mileage From	Mileage To	Hazard Code	Hazard Description	Local Name	Track ID	Free Text
TBH1	THREE BRIDGES JN - ARUNDEL JN (NORTH)	41.0455	45.0020	HBE	Buried Electrical Cables	Marlands S/S - Billingshurst S/S	Up Main/Fast	Track id indicative only: Cable Type = 3 Core, AL Cond, CSA, Oil Filled
TBH1	THREE BRIDGES JN - ARUNDEL JN (NORTH)	44.1627	44.1627	HBG	Buried Gas Pipe	Billingshurst		Gas main.S760.Info on underground/overhead services <gas, water, electricity> has not been validated.

User Drawn Polygon / Area of Interest - Order ID : 90114

Legend

- Company Ownership
- Freehold Ownership
  - Leasehold Ownership
  - Prohibitive Interest
  - Bridge (Rail over Rail)
  - Bridge (Rail over River)
  - Bridge (Rail over Road)
  - Bridge (Road over Rail)
  - Level Crossing
  - Tunnel
  - Order Polygon



Nearest station:  
Billingshurst Stn

Order ID: 90114

Order Ref: 90114  
Plot Scale: 1:2500  
Page Index: 1  
Centre X, Y: 509122, 125357  
Plot Date: 22/03/21



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# Network Rail - Drainage



## Company Ownership

-  Freehold Ownership
-  Leasehold Ownership
-  Prohibitive Interest
-  Bridge (Rail over Rail)
-  Bridge (Rail over River)
-  Bridge (Rail over Road)
-  Bridge (Road over Rail)
-  Level Crossing
-  Tunnel
-  Order Polygon

- |   |                                |
|---|--------------------------------|
|    | DB Asset Line                  |
|    | DC Asset Line                  |
|    | Channel (ELR, Mileage)         |
|    | Channel (Coordinates)          |
|    | Covered Channel (ELR, Mileage) |
|    | Covered Channel (Coordinates)  |
|    | Culvert (ELR, Mileage)         |
|    | Culvert (Coordinates)          |
|    | Granular Drain (ELR, Mileage)  |
|    | Granular Drain (Coordinates)   |
|    | Pipe (ELR and Mileage)         |
|    | Pipe (Coordinates)             |
|  | Syphon (ELR, Mileage)          |
|  | Syphon (Coordinates)           |
|  | Chamber (DD)                   |
|  | Outfall (DK)                   |
|  | Inflow (DL)                    |
|  | Point (DM)                     |
|  | Ghost (DN)                     |
|  | Pond (DY)                      |
|  | Structure (DZ)                 |

Order Ref: 90114  
Plot Scale: 1:1250  
Page Index: 1  
Centre X, Y: 508924, 125198  
Plot Date: 22/03/21



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**NRSA Enquiry for WSCC owned Underground Plant in**

Daux Road, Billingshurst

H&T Section	Comment	Drawing attached	Signed
Streetworks	No record of apparatus or interest	N/A	N Lynch
Street lighting	No record of apparatus or interest	N/A	T McCarthy
ITS & Traffic Monitoring	No record of apparatus or interest	N/A	L Robbins
Traffic signals	No record of apparatus or interest	N/A	J Sharkey
Highway Boundaries	If highway boundary information is required please contact <a href="mailto:land.charges@westsussex.gov.uk">land.charges@westsussex.gov.uk</a> and we will advise you of the cost for researching and supplying this information. Payment will be required before work is undertaken	N/A	A.Toleva
Bridges and structures	No record of apparatus or interest	N/A	M.Theobald
Development Planning	No record of apparatus or interest	N/A	C.Pratt
Drainage (Drayton Depot)	All drainage infrastructure in the areas shown will be visible on the surface of the highway (gullies/manholes) and should be picked up on pre-works site surveys. The County Council do not hold accurate records or maps of any underground assets and therefore this information is not available.	N/A	G. Mills

• Postcode RH14 9SJ

## Legend of light icons

- |                       |         |
|-----------------------|---------|
| Beacon                | Bollard |
| Feeder Pillar         | Other   |
| School Crossing Light | Sign    |
| Street Light          | Subway  |
| Tunnel Light          |         |

