

Appendix C

Utilities Searches



Land to the north of the Oysters

Signal Way
South Hayling
West Town
Havant
Hampshire
PO11 0FE

09/02/2022

PROJECT NO.

608684

ISSUE NO.

1

STATUS

For Information



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

Hannah Stalley

Martin Darlison



Certificate Number 6206



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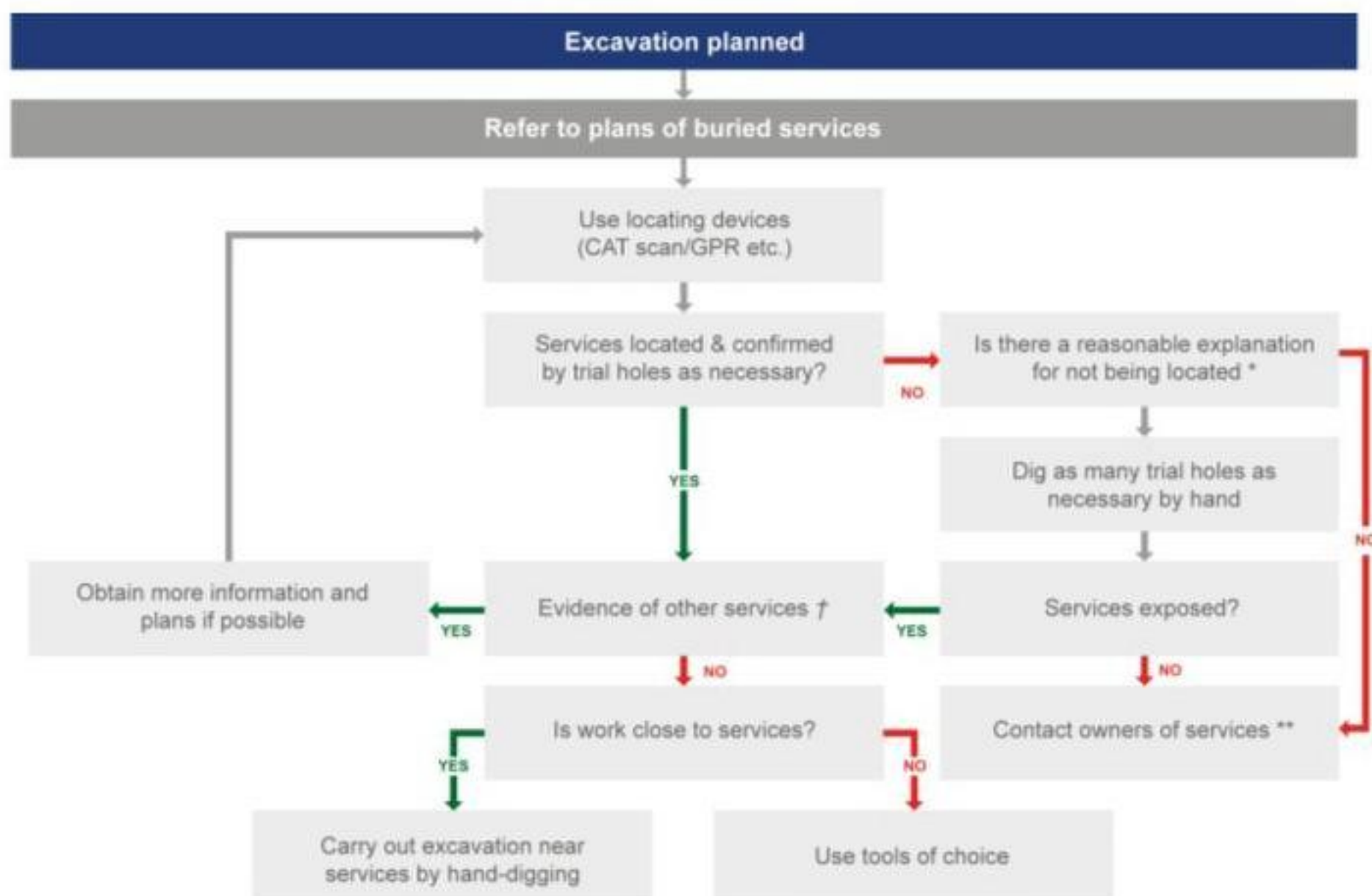
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Important Information

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	Portsmouth Water			
Drainage	Southern Water			
Gas	SGN			
Openreach	Openreach			
Virgin Media	Virgin Media			
Independents	GTC			
	ESP			
	Other independents		✓	
Linesearch (LSBUD)	SSE see electric, Portsmouth see water, SGN see gas, ESP see independents			
	EXA Infrastructure			
Comms.	Vodafone			✓
	Colt			
	SKY Telecommunications			
	Lumen Technologies			
	Verizon			
	SOTA		✓	
	KCOM		✓	
	TeliaSonera		✓	
	CityFibre		✓	



Type	Company	In Vicinity	Desk Research	Awaiting Response
	Mast Data			
	MBNL			
Tunnels & Pipelines	Onshore Cables		✓	
	ENGIE		✓	
	ElecLink Interconnector		✓	
Transport	Network Rail		✓	
	Genesys		✓	
	Trafficmaster		✓	
	Hampshire 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



Utility Consultancy Products

If you are progressing with the development of this site, then you should consider our range of Consultancy services. These range from a site investigation report and developing a site wide utility strategy, to coordinating disconnections, procuring diversion estimates and obtaining quotes for new connections from the competitive market.

Visit our website <https://www.premierenergy.co.uk/consultancy/> to learn more about these services or contact us to find out how we can help reduce risk and minimise utility costs on this project.



Site Investigation Report

A critical part of the process during planning, budgeting and identifying cost constraints when considering land acquisition and concept design.



New Connections

Independent evaluation of the range of utility infrastructure solutions available to secure the best value for your project for either temporary or permanent connections.



Utility Drawings

Our utility drawings are unique as we endeavour to plan the utilities according to NJUG requirements and coordinate with other consultants' information such as drainage, landscape design and MEP services.



Diversions

Taking forward projects based on the New Roads and Street Works Act stages C1 to C9 and managing the relocation of existing utility assets. Often diversions can be incorporated into the new connections to save time and money.



Disconnections

Each utility organisation has a different disconnection process to follow. We have the experience and expertise to manage the process from start to finish including initial site surveys and coordinating the works.



Project Support

We can keep track of progress using our experienced team to ensure projects are delivered on time and budget. We can also meet on-site with utilities and your site staff to plan the works to ensure no essential elements of utility infrastructure work are missed.



Commercial Metering

We offer a bespoke commercial meter installation and energy supply contract service. Together with our partners we assist with coordinating the connection of metering and sourcing of energy supply contracts on commercial installations.





Our Ref: 24617032 Your Ref: Oysters

Thursday, 03 February 2022

Martin Darlison
Premier House Daux Road
Billingshurst
West Sussex
RH14 9SJ

Dear Martin Darlison

SSEN Distribution - 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

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

Kind Regards,

Asset Data Team
01256 337 294
Asset.data@sse.com

Overview map of worksite

Hayling Billy Coastal

NEWTOWN

Balancing Pond

Sub Station

TERRIES LANE

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Dig Sites Area: --- Line: ---

Date Requested: 03/02/2022
Job Reference: 24617032
Site Location: 471090 099887
Requested by:
Mr Martin Darlison
Your Scheme/Reference:
Oysters

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)

Scale: 1:1025 (When plotted at A3)

Voltages (V)	
LV (Low Voltage) and Services	Up to 1,000V
HV (High Voltage)	Over 1,000V to 31,000V
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
Footpath/Unmade	0.45m 0.45m 0.6m
Road Crossing	0.6m 0.6m 0.75m
Agricultural	1m 1m 1m

Legend
Service Cable
LV Mains
2 - 3.3kV
6.6kV
13kV
25kV
33kV
66kV
132kV
275kV
400kV
Rise Cables
Rise Cables

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

Southern Electric Power Distribution plc
Registered Office: No.1 Forbury Place
43 Forbury Road Reading RG1 3JH
Registered in England & Wales No.04094290

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@ssec.com
01256 337 294



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050m

Dig Sites Area: Line:

Date Requested: 03/02/2022

Job Reference: 24617032

Site Location: 471090 099887

Requested by: Mr Martin Darlison

Your Scheme/Reference: Oysters

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Voltages (V)				
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HV (High Voltage)	Over 1,000V to 31,000V			
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

Flare Cable

Riser Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

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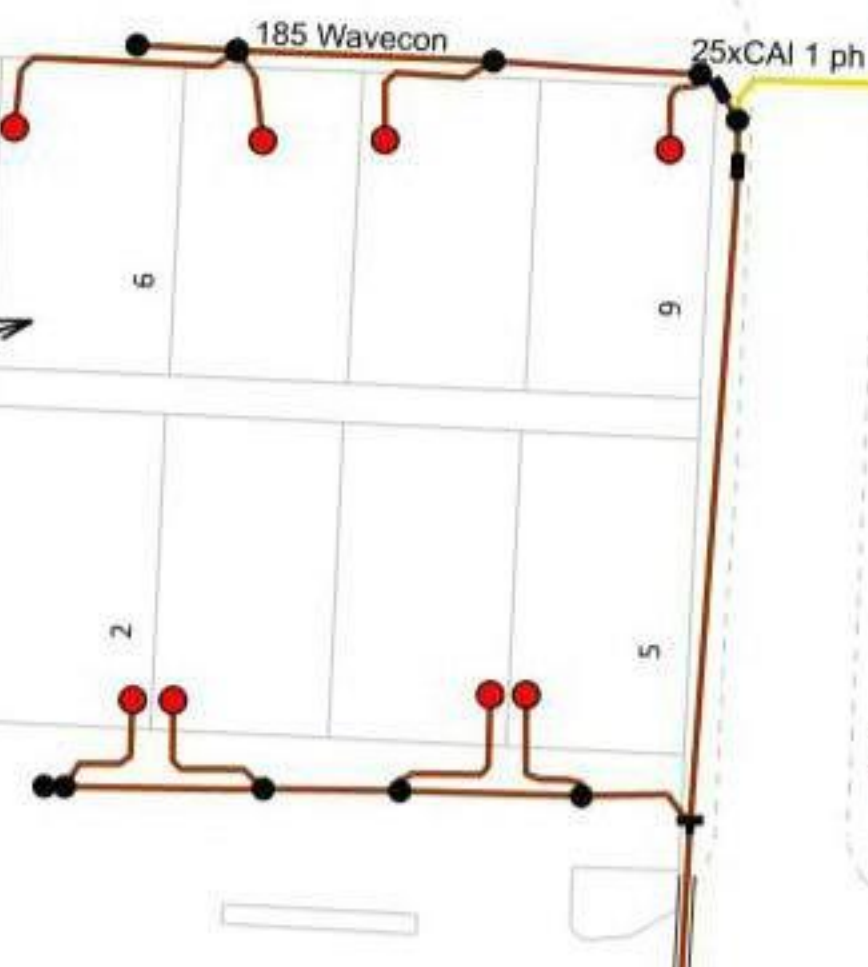
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ALL SERVICES ARE
35X3C CNC.
MAINS ARE DUCTED
ACROSS ENTRANCES

Hayling Billy Coastal



3

Drain
Furniss Way Business Centre
35x1CAI

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0 50m

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Scale: 1:500 (When plotted at A3)

Voltages [V]	
LV (Low Voltage) and Services	Up to 1,000V
HV (High Voltage)	Over 1,000V to 31,000V
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 0.75m
Road Crossing	0.6m 0.6m 0.75m 0.9m
Agricultural	1m 1m 1m 1.1m

Legend
Service Cable
LV Mains
2 - 3.3kV
9.6kV
13kV
23kV
33kV
66kV
132kV
275kV
400kV
Flare Cable
Riser Cable

Distribution Structures (Electric)
Pole, Existing Location
Pole Structure, Existing Location - Single
Pole Structure, Existing Location - H
Duct Route
Cross Section Route

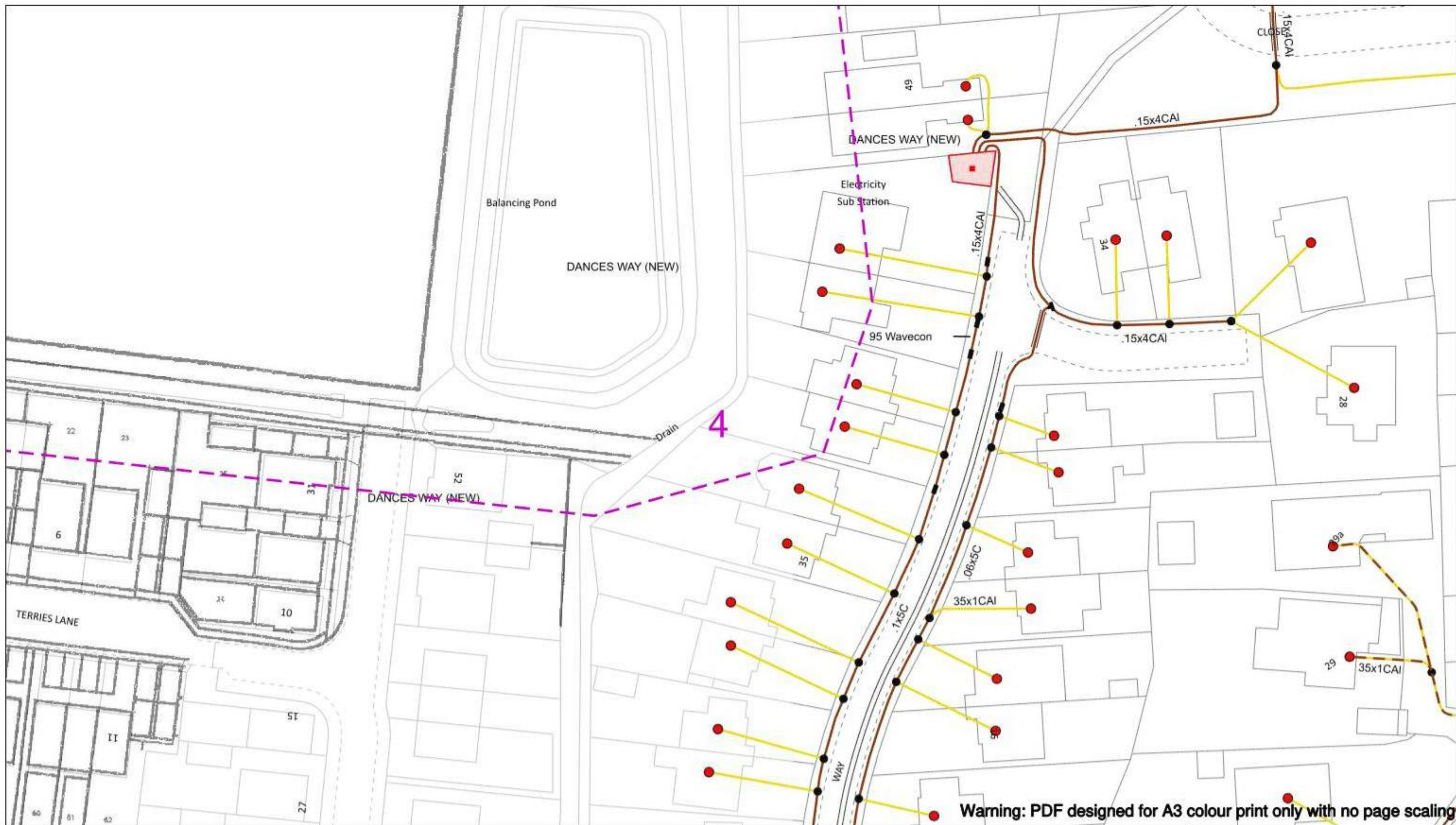


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WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES GS6 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

	Voltages (V)			
	Up to 1,000V	Over 1,000V to 31,000V	22,000V to 132,000V	275,000V and 400,000V
LV (Low Voltage) and Services				
HV (High Voltage)				
EHV (Extra High Voltage)				
Transmission				

	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

Flare Optic

Riser Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

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Overview map of worksite

Hayling Billy Coastal

1

2

NEWTOWN

14

1

2

CHARLSTON CLOSE

49

34

28

29a

29

16

Balancing Pond

Sub Station

Drain

Drain

3

4

TERRIES LANE

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Dig Sites Area: --- Line: ---

Date Requested: 03/02/2022
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Site Location: 471090 099887
Requested by:
Mr Martin Darlison
Your Scheme/Reference:
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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	---
Pole Optical	---
Pole Cable	---

Distribution Structures (Electric)	
Pole, Existing Location	---
Pole Structure, Existing Location - Single	---
Pole Structure, Existing Location - H	---
Duct Route	---
Cross Section Route	---



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Furniss Way Business Centre

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Voltages [V]	
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HTV (High Voltage)	Over 1,000V to 31,000V
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 HTV EHV
Footpath/Unmade	0.45m 0.45m 0.6m 0.75m
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
Rise/Cable
Rise/Cable

Distribution Structures (Electric)
Pole, Existing Location
Pole Structure, Existing Location - Single
Pole Structure, Existing Location - H
Duct Route
Cross Section Route

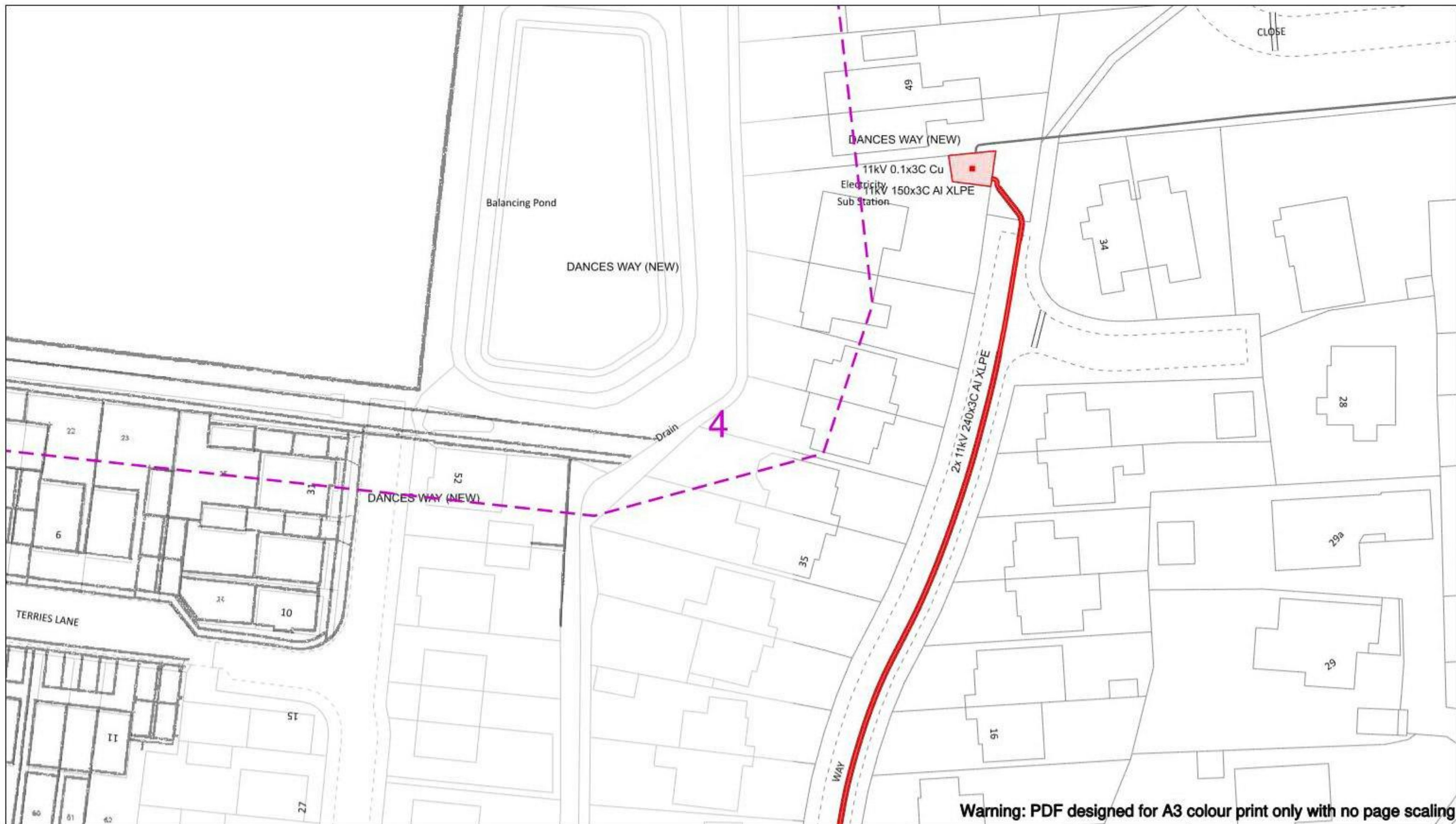


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	Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V			
HTV (High Voltage)	Over 1,000V to 31,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			

	NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
	Services	LV	HTV	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
- 13kV
- 25kV
- 33kV
- 66kV
- 132kV
| 275kV |
| 400kV |
- Flare Optic
- Flare Cable

Distribution Structures (Electric)

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

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GUIDE TO INTERPRETING MAINS RECORDS PLAN



Inveralmond House, 200 Dunkeld Road, Perth PH1 3AQ  **ssen.co.uk**

Scottish and Southern Electricity Networks is a trading name of: Scottish and Southern Energy Power Distribution Limited Registered in Scotland No. SC213459; Scottish Hydro Electric Transmission plc Registered in Scotland No. SC213461; Scottish Hydro Electric Power Distribution plc Registered in Scotland No. SC213460; (all having their Registered Offices at Inveralmond House 200 Dunkeld Road Perth PH1 3AQ); and Southern Electric Power Distribution plc Registered in England & Wales No. 04094290 having their Registered Office at No. 1 Forbury Place 43 Forbury Road Reading RG1 3JH which are members of the SSE Group www.ssen.co.uk

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 Distribution (SSEN Distribution) 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 SSEN Distribution 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 SSEN DISTRIBUTION

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 SSEN Distribution 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.

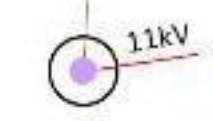
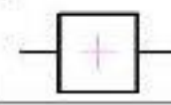
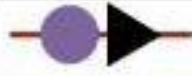
11. Services to properties: The service cable to an individual property are not always shown on the mains records that SSEN Distribution supply.
In some cases, a service can be looped from an adjacent property.

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. Breach 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.

SSEN DISTRIBUTION 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 Disconnect/ OH Air Break	
33kV		Pole Box	
66kV		Straight Joint	
132kV		Mains Breech Joint (Tee)	
Fibre Optic		Service Breech Joint	
Pilot Cable		Trifurcating Joint	
Assumed Route		Pot End	
Out of Service		Capped End	
Ducting		Sealing End	

Service Connector Joint		Surge Diverters	
Overhead Connector		Pillar	
Wall Box Joint		Substation	
Flying Stay		Non Electrical Item	
Stay		Street Furniture	
PME Earth		LV Link Box	
Neutral Earth		LV Supply Point	
Pit		ASLs	
Other Network		Embedded Network	

Watch it!

Safety advice brought to you by

Scottish and Southern Electricity Networks Distribution (SSEN Distribution)

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.

Note

In situations of emergency or danger, or where the advice contained in these notes cannot be followed, you must consult SSEN Distribution 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 asset.data@sse.com.

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 SSEN Distribution. 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 SSEN Distributions' networks, damaging or modifying these circuits is a major and costly undertaking. Any development should therefore be designed to allow these circuits to remain undisturbed and accessible in their present location.

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

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

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

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

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

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

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

Watch it! - Working in the vicinity of overhead lines

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

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

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

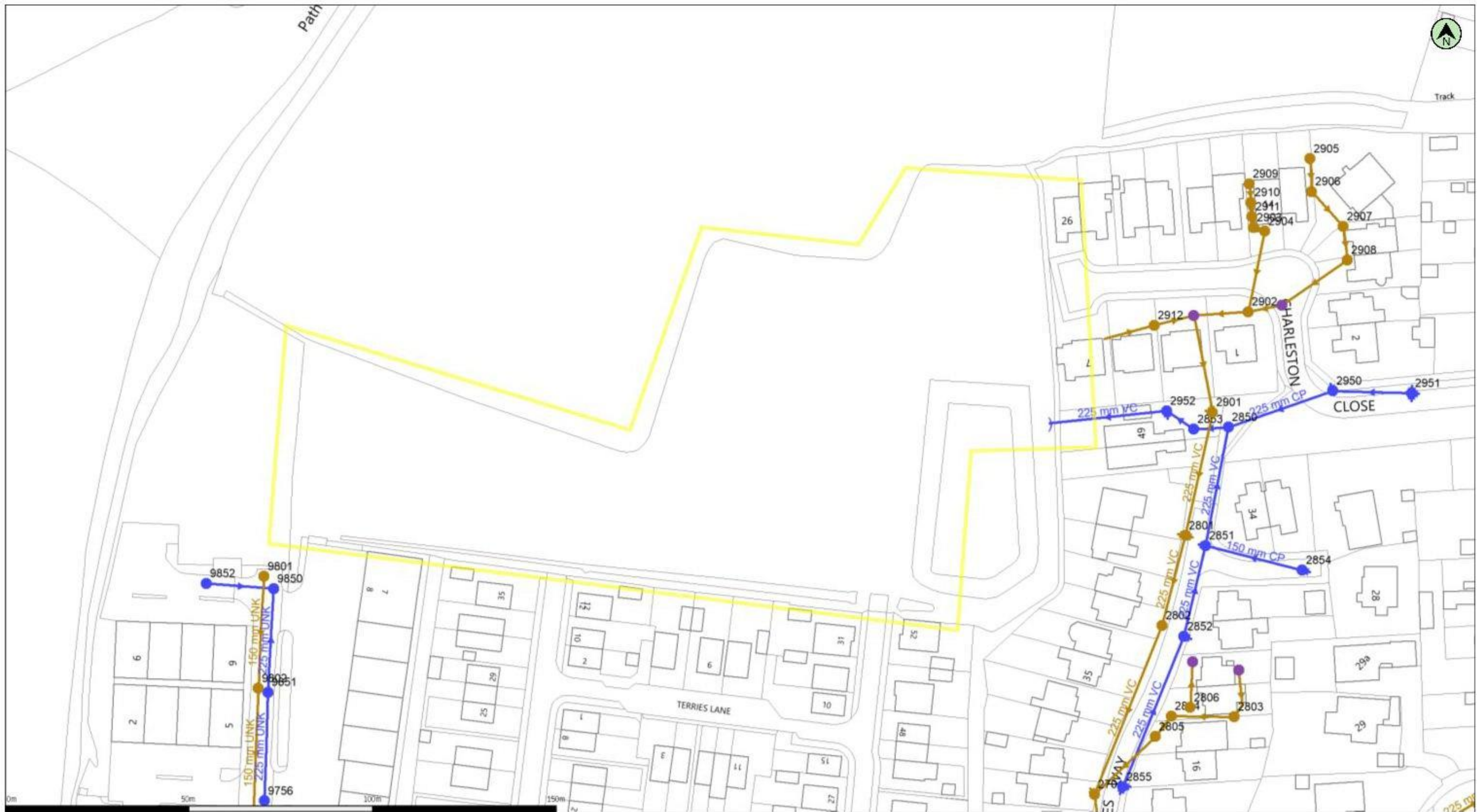
Always remember that:

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

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

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

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Date: 03/02/22

Scale: 1:1000

Map Centre: 471107.99905

Data updated: 17/01/22

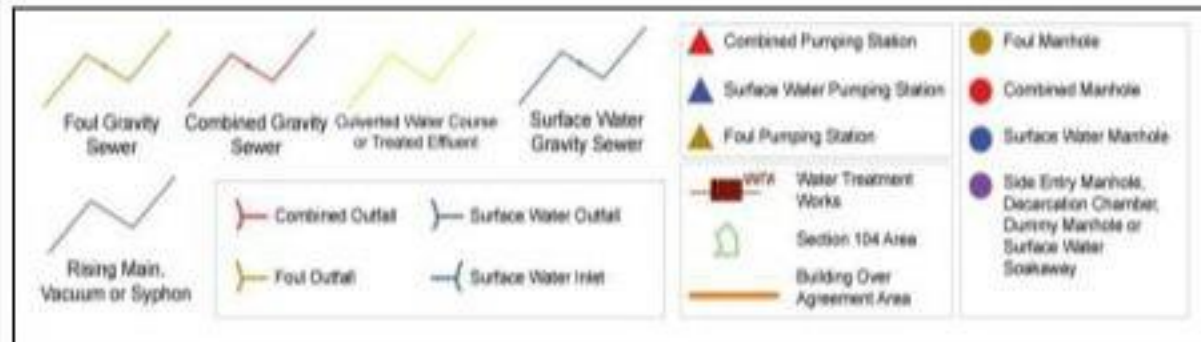
Our Ref: 773117 - 1

Wastewater Plan A3

The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. This plan is produced by Southern Water Services Ltd (c) Crown copyright and database rights 2022 Ordnance Survey 100031673. This map is to be used for the purposes of viewing the location of Southern Water plant only. Any other uses of the map data or further copies is not permitted.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

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



martin.darlison@premierenergy.co.uk

Oyster



Our Ref: 24617032 Your Ref: Oysters

Thursday, 03 February 2022

Martin Darlison
Premier House Daux Road
Billingshurst
West Sussex
RH14 9SJ

Dear Martin Darlison

Thank you for your enquiry dated Thursday, 03 February 2022

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
Tel: 0800 912 1722



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