

**PATRICK
PARSONS**

CREATING PLACES  FOR FUTURE GENERATIONS TO THRIVE

Utilities Assessment

Land South of Saltmarsh Lane
Hayling Island

for

Hayling Island Builders Ltd
A2079

February 2022

Utilities Assessment
Land South of Saltmarsh Lane
for
Hayling Island Builders Ltd

Revision	Date of issue	Comments	Prepared By	Checked By
1.0	22/02/2022	Initial Issue	JR	DB

Should you have any queries relating to this document please contact:

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 Ash Vale
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1.0 Introduction

- 1.1 Patrick Parsons has been appointed by Hayling Island Builders to carry out a Utilities Investigation to determine how all utilities (foul and surface water, mains water, gas, electricity and telecoms) can be satisfactorily connected to the proposed development at Land South of Saltmarsh Lane Hayling Island.
- 1.2 A site location Plan is shown in **Appendix A**.
- 1.3 Havant Borough Council is the Local Planning Authority and Hampshire County Council is the Highways Authority.
- 1.4 The site is located on the western side of Hayling Island. The current site is used as agricultural land.
- 1.5 A Topographical Survey has been undertaken and can be found in **Appendix B**. The is generally flat with levels between 6.0m and 5.0m AOD.

2.0 Existing Statutory Apparatus

2.1 Existing Drainage

The site is currently a field and a series of ditches.

2.2 Sewer records obtained from Southern Water can be found at **Appendix C**. There is a public 225mm diameter foul water sewer within Saltmarsh Lane. The closest public manhole is No. 1201 with cover level 4.36m AOD and an invert level of 0.36m AOD.

2.3 There is a public 600mm diameter surface water sewer within Saltmarsh Lane. The closest public manhole is No. 2252 with cover level 3.53m AOD and an invert level of 1.98m AOD.

2.4 Existing Water Supply

There are existing Portsmouth Water mains pipes (100mm dia) running along Saltmarsh Lane to the north. There is also a 125mm diameter and a 15" cast iron water main to the east of the site in West Lane. The Portsmouth Water mains plant location plan is included in **Appendix C**.

2.5 Existing Telecoms

The records provided by British Telecoms (BT) are included in **Appendix C**. There is an underground cable running along the footways in Saltmarsh Lane and West Lane. There is Virgin Media (VM) plant in Saltmarsh Lane and West Lane. The VM plans can be found in **Appendix C**.

2.6 Existing Electricity

Records provided by Scottish and Southern Networks are included in **Appendix C**. There is a 11 KV overhead cable running through the site. There are low voltage mains in all the adjoining roads.

2.7 Existing Gas Supply

Records provided by SGN are included in **Appendix C**. There are low pressure gas main running along the footways in Saltmarsh Lane and West Lane.

3.0 Development Proposals

3.1 The proposal is for 62 residential units. The Proposed Site Layout can be seen in **Appendix D**.

3.2 The development will be served via the existing access from Saltmarsh Lane.

3.3 Proposed Drainage

It is proposed that the development will tie into the existing foul water network to the north of the site in Saltmarsh Lane. Due to the topography of the site (very flat) a conventional gravity will be proposed with a foul water pumping station. The foul water pumping station will pump at an agreed rate to the adopted sewer in Saltmarsh Lane (Manhole run 3203 to 1201). Southern Water should have no objection to this as it will be at a restricted rate and the pumping station will be designed to accommodate 24 hour flows in the case of emergency.

The sewer records show that the nearest surface water manholes are in Saltmarsh Lane and Glebe Close. However, the Glebe Close drainage runs gravitate towards the ditch system around this proposed development. The drainage system has been designed within the site along with the criteria set out in CIRIA C753 The Suds manual and best guidance practice.

Flows from the development will be restricted to greenfield run off rate via swales, infiltration pipes and an attenuation pond. Other devices such as porous paving and water butts will also be used.

3.4 Telecoms Strategy

BT Openreach currently does not make assessments of new residential developments until full planning permission has been obtained and a detailed layout plan can be provided. BT Openreach can provide all of the relevant equipment required for the developer to lay the associated infrastructure to deliver communication services to the development. BT Openreach has identified that the typical timescale for planning and installing these services is approximately 15 months.

It should be noted that alternative broadband providers can be used to supply superfast broadband to the site. It is recommended that the proposed Developer consults with all possible broadband providers to obtain best value for the site.

It is envisioned that the development will be serviced by the existing (BT) distribution point to the north of the site off Saltmarsh Lane. The developer will enter into an agreement with BT.

All known BT apparatus are located outside the site boundary, or within existing road reserves, therefore, no diversion works are anticipated, however, this will need to be confirmed once the final masterplan has been approved.

3.5 **Proposed Electricity Strategy**

It is assumed that the development will connect to the local power network in Saltmarsh Lane or the 11KV cable running through the site.

Initial calculations have been undertaken to identify the likely demand on the local network as a result of the new development. The calculations for the residential loadings have been derived from projects of similar size, past discussions with service providers and reference was made to the 'Energy Consumption in the U.K.' by The Department of Business, Energy and Industrial Strategy, July 2018.

The calculations indicate that the likely average electrical loading will be in the region of 128 KVA for the residential dwellings. Due to the number of units, it is possible that SSN may request that a new electricity substation will be required. This could be easily accommodated in the layout.

Discussions will need to be held with SSN to determine if there is any spare capacity within the local network to accommodate the proposed development. SSN will provide a budget estimate for these works, by email, to establish if there is sufficient capacity within the network to meet the needs of the development. For confirmation of the load availability on the network, a Network Feasibility Study needs to be submitted, at an average cost of £750 + VAT.

Alternatively, a formal quotation for the new supply can be requested, where the network study would also be carried out. This process would also allow for the capacity to be secured for the site, should the quotation be accepted upon receipt, but this would only be informal until when outline/full planning permissions is obtained.

Notwithstanding this it is very unlikely that there is not sufficient capacity for this small development.

3.6 **Proposed Gas Strategy**

Initial calculations have been undertaken to identify the likely demand on the local network as a result of the new development. The calculations for the residential loadings have been derived from projects of similar size, past discussions with service providers and reference was made to the 'Energy Consumption in the U.K.' by The Department of Business, Energy and Industrial Strategy, July 2018.

The calculations indicate that the likely average annual gas loading will be in the region of approximately 1,280,000 kWh/yr for the residential dwellings, an average peak hour loading of 40 kW.

Discussions will need to be held with SGN to determine if there is any spare capacity within the local network to accommodate the proposed development. Due to the proximity of a number of gas services in the area this will not be an issue.

3.7 **Proposed Potable Water Strategy**

It is anticipated that the development will be able to connect to the existing network within Saltmarsh Lane. There is a 100mm diameter water main.

Initial calculations have been undertaken to identify the likely increase in demand on the local network as a result of the new development. The calculations for the loadings have been derived from projects of similar size, past discussions with service providers and reference was made to BS 8542: 2011 and Sewers for Adoption, 7th Edition, A Design and Construction Guide for Developers.

The calculations indicate that the likely average water supply loading will be in the region of 2.96 l/s (with an anticipated peak loading (3 times average) of approximately 8.8 l/s) for the residential dwellings.

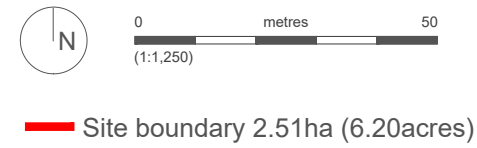
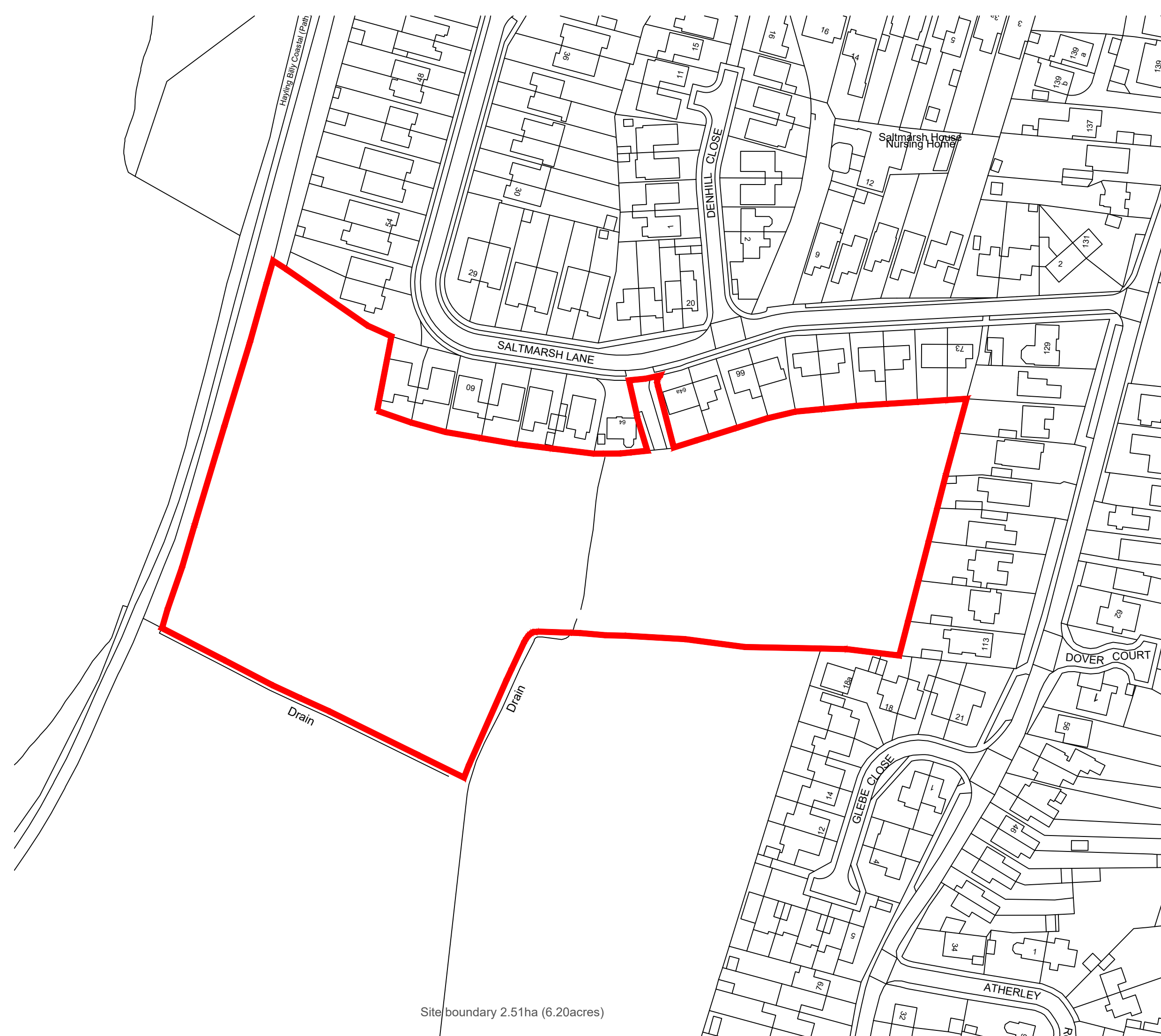
Discussions will need to be held with SW to determine if there is any spare capacity within the local network to accommodate the proposed development.

4.0 Summary and Conclusion

- 4.1 Patrick Parsons has been appointed by Hayling Island Builders Ltd to undertake a Utilities Assessment to support a planning application for the proposed development at land south of Saltmarsh Lane Hayling Island.
- 4.2 It has been demonstrated by this report that it will be possible to serve the site with all the services.

Appendix A

Site Location Plan



Site boundary 2.51ha (6.20acres)

Site boundary 2.51ha (6.20acres)

Project			
Land South of Saltmarsh Lane			
Drawing Title			
Site Location Plan			
Date	Scale	Drawn by	Check by
08/03/2021	1:1,250 at A3	ML	SR
Project No	Drawing No	Revision	
1240	001	-	



Appendix B

Topographical Survey



Notes

1. The survey grid is a local grid, coincident with Ordnance Survey National Grid at 357N.
2. Survey boundary features are not necessarily legal boundaries.
3. Dimensions should not be scaled. All dimensions should be taken on site before any fabrication / construction.
4. Copyright of all data produced by Technics Group shall remain with Technics Group unless otherwise specifically agreed.
5. The information is intended to be used in a responsible and lawful way. It should not be used for any purpose other than for which it was intended and should not be issued to other parties without the written consent of Technics Group.
6. Technics Group cannot accept responsibility for any damage to computer systems which may result from viruses which may be contained in the data provided.
7. The drawings are not to be relied on by any system other than AutoCAD it should be checked against a hard copy. Technics Group cannot accept liability for omissions.
8. All information has been derived from the best knowledge of the surveyors. The correct identification of the utility types can not be 100% guaranteed, therefore these should be independently checked by the user in order to avoid any damage.
9. External eaves levels are surveyed to lowest tile position.

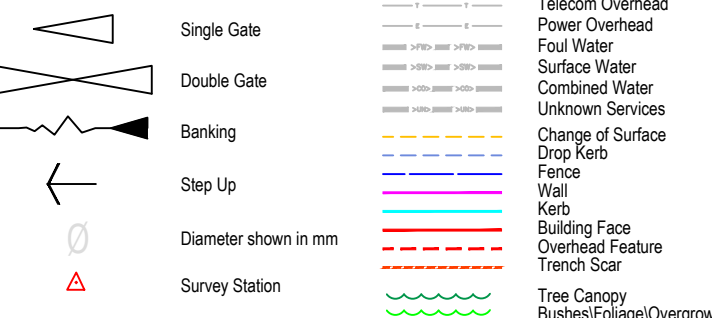
Level Datum

ALL LEVELS ARE ORTHOMETRIC HEIGHTS RELATED TO OSGM15
GPS DATUM, COMPUTED USING LEICA SMARTNET RTK NETWORK.

Topo Key

[illegible]

Symbology



Trees

SPECIES ABBREVIATION					
AL	Alder	HL	Hemlock	RH	Rhododendron
BE	Beech	HO	Holly	RO	Rowan
CE	Cedar	HZ	Hazel	SAP	Seeping
CH	Cherry	LA	Larch	SB	Silver Birch
CON	Coniferous	LB	Laburnum	SCN	Sweet Chestnut
CY	Cypress	LM	Lime	SHR	Shrub
DE	Deed	LO	Loose	ST	Stump
DEC	Deciduous	LAU	Laural	SY	Sycamore
ED	Elder	MA	Maple	WB	Whitebark
EUC	Eucalyptus	MG	Magnolia	WG	Willow
FR	Fruit	NS	Norway Spruce	WI	Willow
HA	Hawthorn	P	Pine	WN	Walnut
HB	Hornbeam	PO	Poplar		
HC	Horse Chestnut	PL	Plane		

NOTES:

1. The tree species have been identified to the best of the surveyors knowledge. They have not been verified by an arborist and are not guaranteed. If they are important they should be verified.
2. Trees heights are estimated.
3. A CAD layer exists with the full tree canopies intact which is turned off.
4. Trees with bole diameters below the specified minimum size may not have been surveyed.
5. Multibole sizes are indicative.



Name	SURVEY STATIONS		Height
	Easting	Northing	
1STN	471352.886	100208.049	4.519
2STN	471281.177	100211.647	4.296
3STN	471204.421	100201.008	4.229
4STN	471143.864	100230.739	4.823
K11STN	471341.633	100173.646	5.080
K21STN	471267.943	100234.529	3.560
K31STN	471234.351	100234.648	4.445
K4STN	471161.726	100281.814	4.795
K5STN	471012.329	100181.178	5.394

CLIENT

Hayling Island Builders Limited

SITE
Parcel 2
Land South of Saltmarsh Lane
Hayling Island PO11 0JT

PROJECT NUMBER SP21219	DRAWING NUMBER SD21219-01	DATE Mar 2021
SURVEYED BY CJ	DRAWN BY CJ	CHECKED BY CJ
SCALE 1:200	SHEET SIZE A0	SHEET 4 OF



Technics Group
Technics House
Morrow Business Park
Guildford
Surrey, GU4 7WA

T: 01483 230 080
E: mail@technicsgroup.com
W: technicsgroup.com

Appendix C

Utilities Searches



Land to the South of Saltmarsh Lane

South Hayling
West Town
Havant
Hampshire
PO11 0JT

09/02/2022

PROJECT NO.

608683

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

Hannah Stalley

Signed off by

Martin Darlison



Certificate Number 6206



Premier Energy Services Ltd has taken all reasonable steps, within the timescales, to obtain the most robust information in this report but accepts no liability for the accuracy of such information or report and in addition to any limitation of liability under its Standard Terms and Conditions. These services are provided subject to our standard Scope of Services, the Supplementary Terms and our Standard Terms and Conditions.

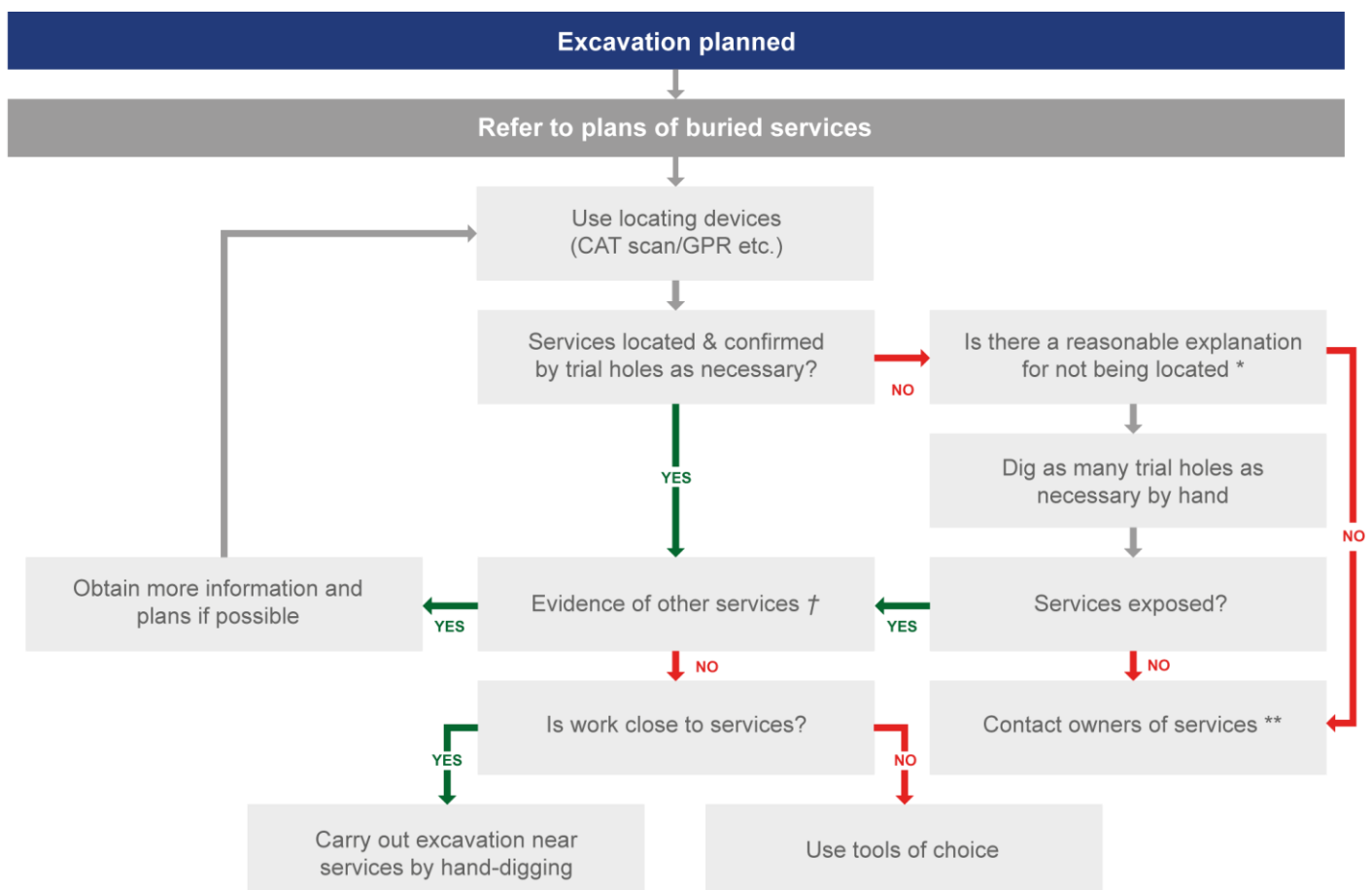
This report is for the private and confidential use of the client for whom the report is undertaken and should not be reproduced in whole or in part or relied upon by third parties for any use whatsoever without the express authority of Premier Energy Services Ltd.



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			
	Other independents		✓	
Linesearch (LSBUD)	SSE see electric, Portsmouth see water, SGN see gas			
	EXA Infrastructure			
Comms.	Vodafone			✓
	Colt			
	SKY Telecommunications			
	Lumen Technologies			
	Verizon			
	SOTA		✓	
	KCOM		✓	
	TeliaSonera		✓	
	CityFibre		✓	
	Mast Data			



Type	Company	In Vicinity	Desk Research	Awaiting Response
	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.



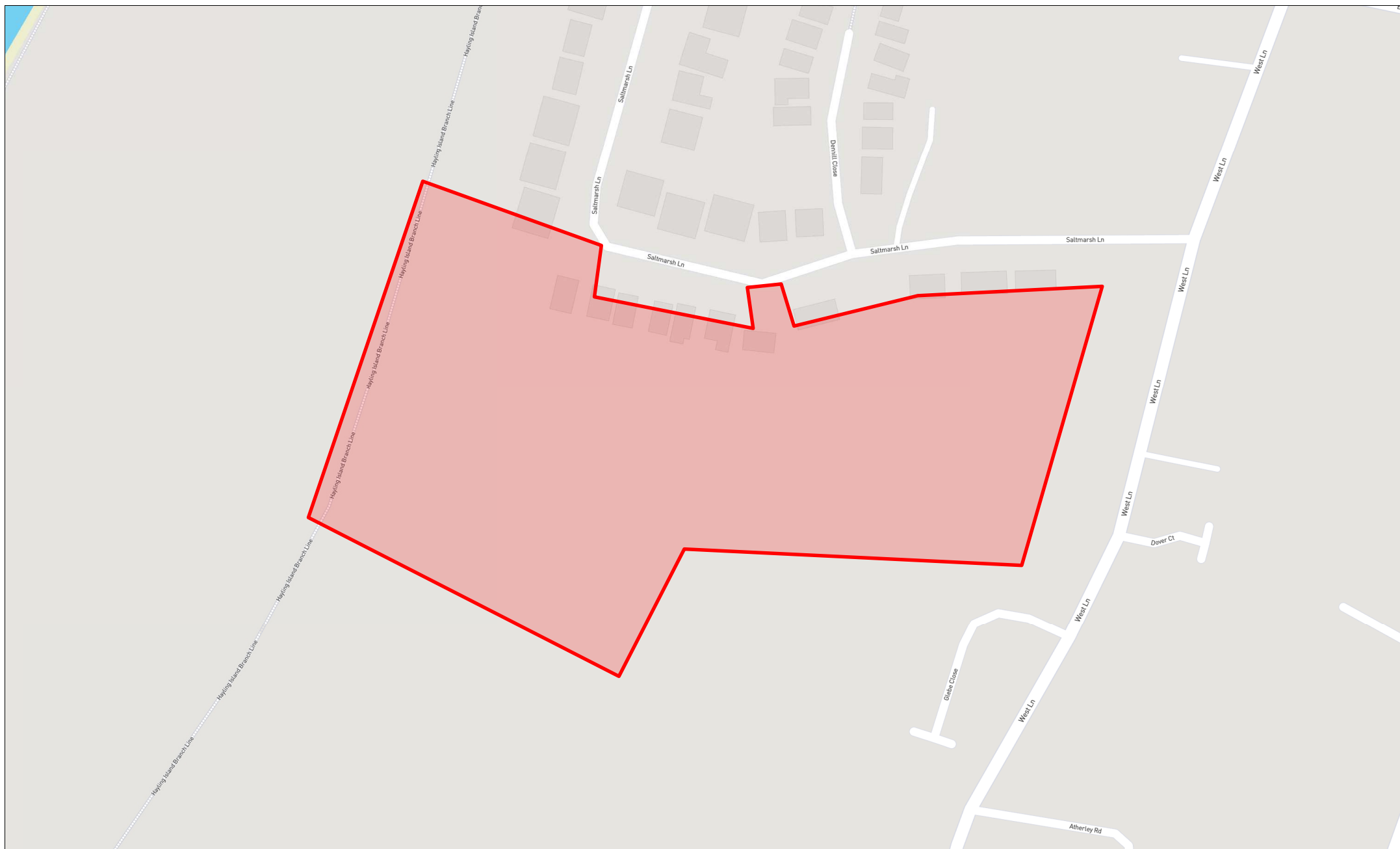
Project Support

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: 24617541 Your Ref: Saltmarsh Lane

Thursday, 03 February 2022

Hannah Stalley
Premier House Daux Road
Billingshurst
West Sussex
RH14 9SJ

Dear Hannah Stalley

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.

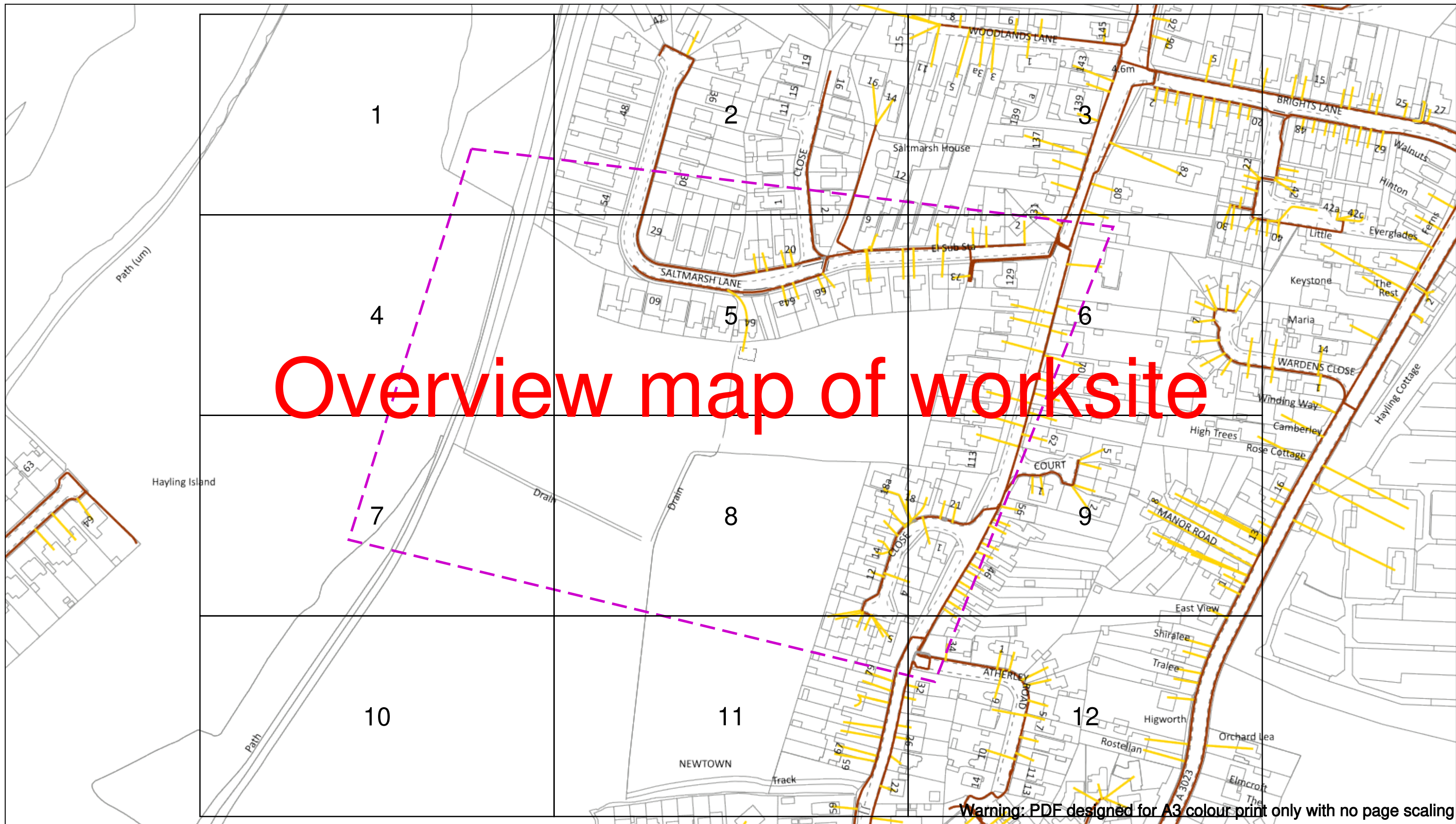
Attached to this email is the 'Guide to Interpreting' which includes the legends for the plans on pages 7-9.

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



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Dig Sites Area: Line:



Date Requested: 03/02/2022
Job Reference: 24617541
Site Location: 471262 100216
Requested by:
Miss Hannah Stalley
Your Scheme/Reference:
Saltmarsh Lane

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	0.9m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.2m

	Services	LV	HV	E
Footpath/Unmade	0.45m	0.45m	0.6m	0
Road Crossing	0.6m	0.6m	0.75m	0
Agricultural	1m	1m	1m	1

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

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

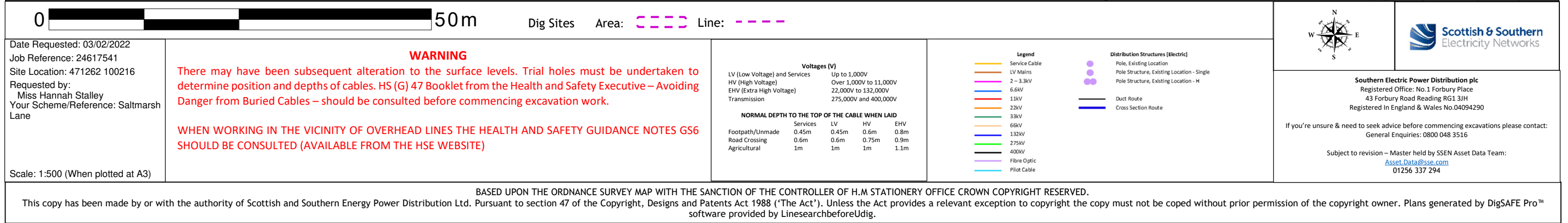
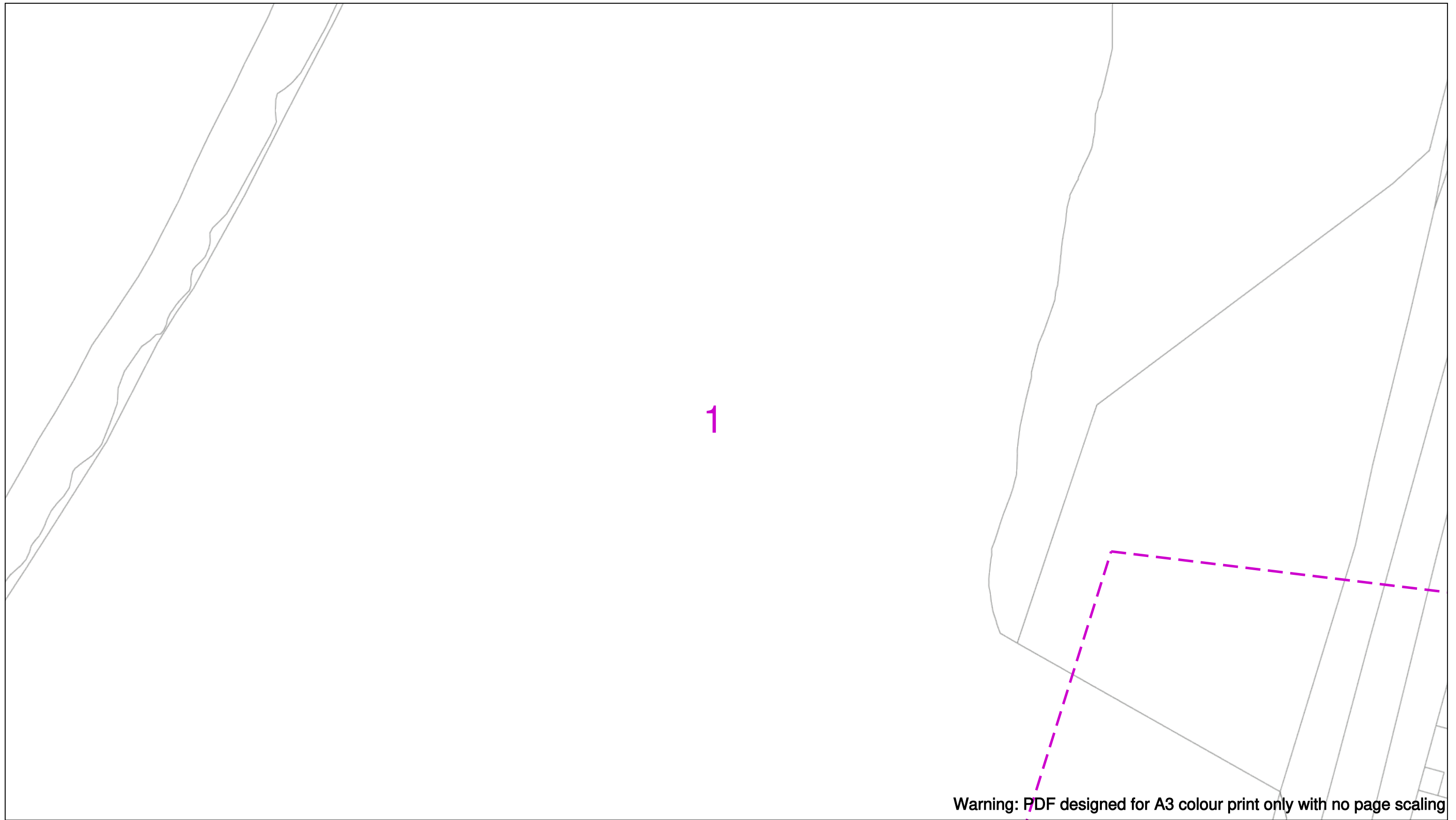
If you're unsure & need to seek advice before commencing excavations please contact:
General Enquiries: 0800 048 3516

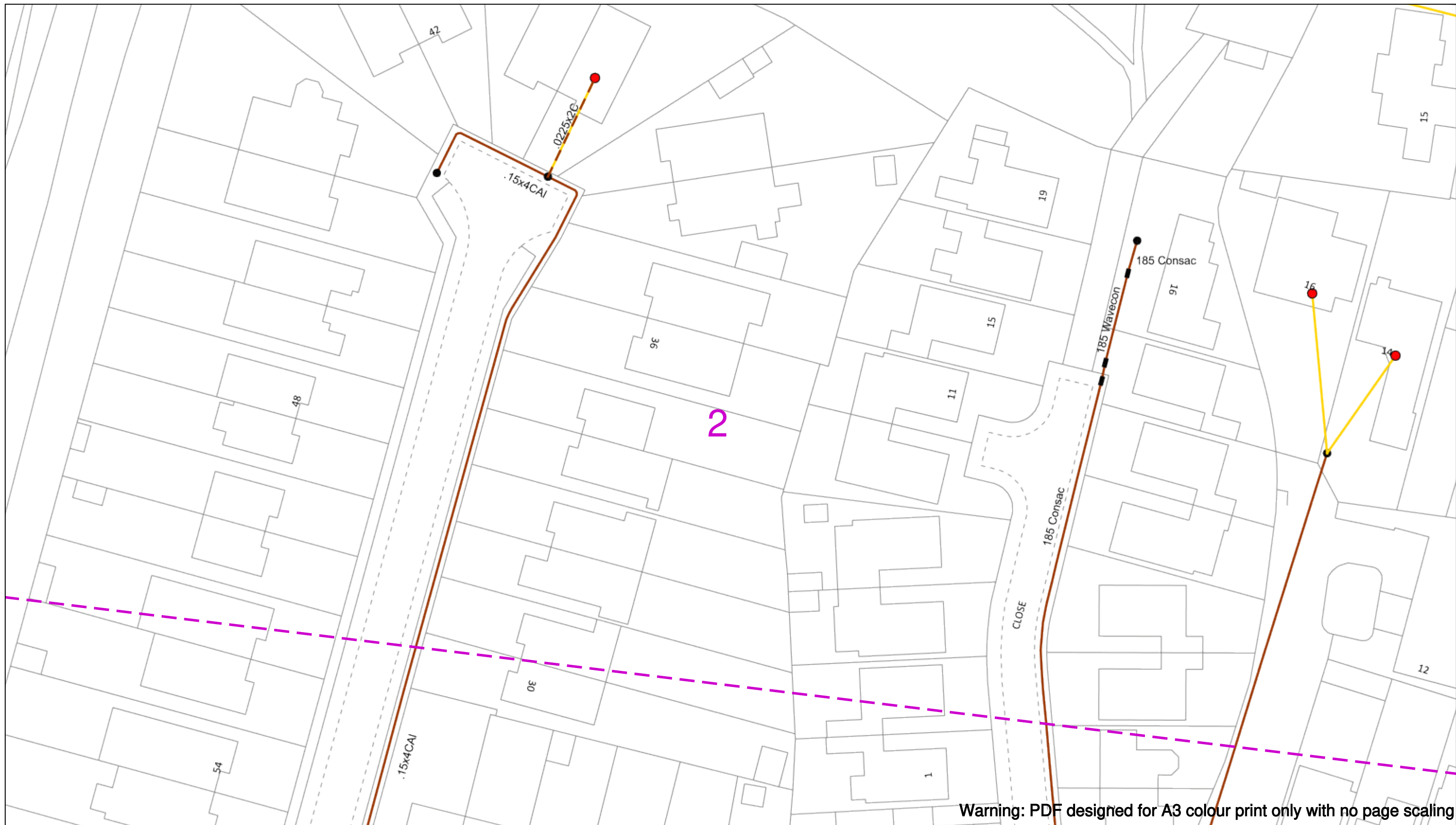
Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
 01256 337 294

Scale: 1:2050 (When plotted at A3)

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Dig Sites Area:  Line: 



Date Requested: 03/02/2022
Job Reference: 24617541
Site Location: 471262 100216
Requested by:
Miss Hannah Stalley
Your Scheme/Reference: Saltmarsh
Lane

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	0.7m
Road Crossing	0.6m	0.6m	0.75m	0.7m
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

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

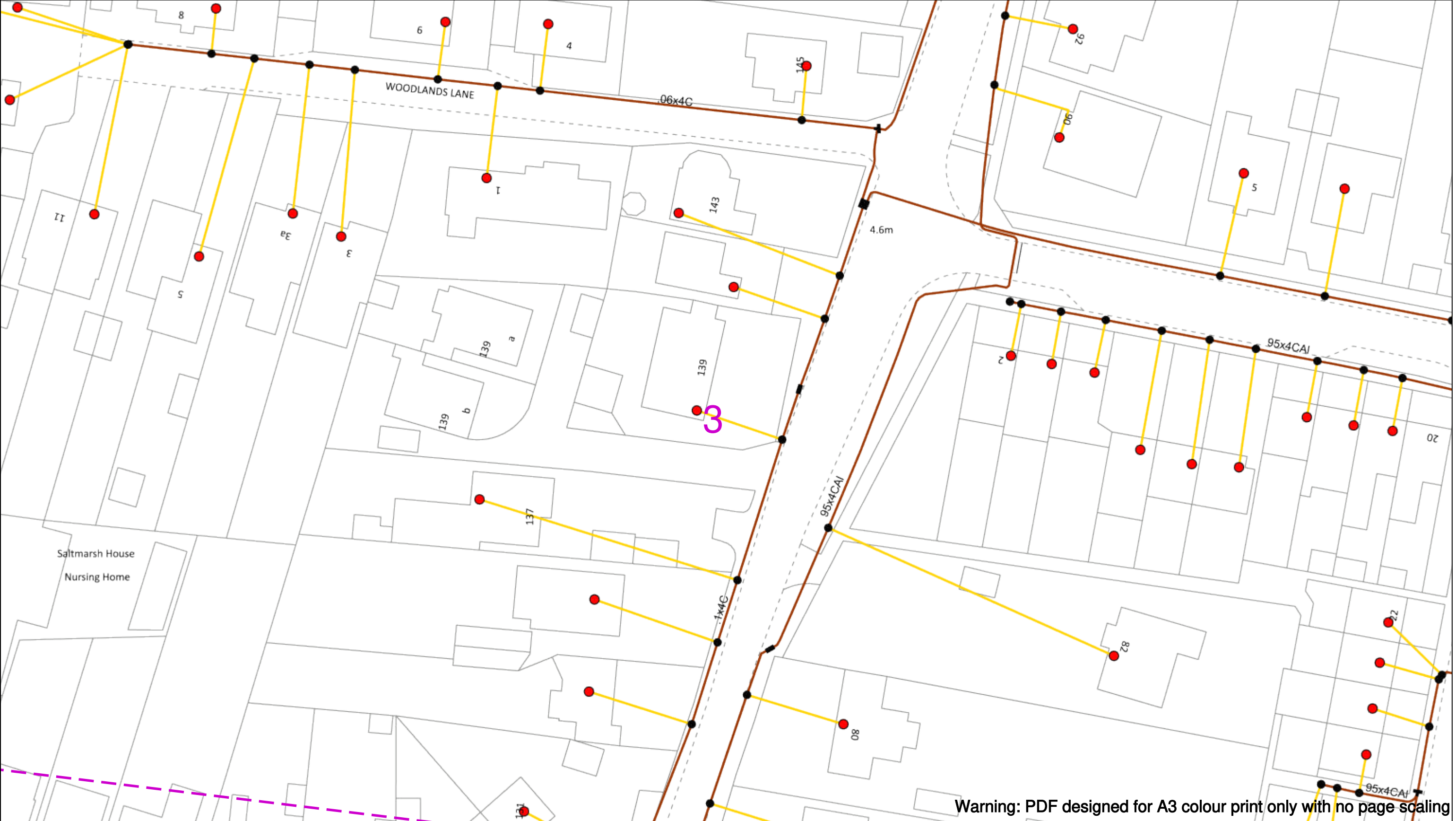
If you're unsure & need to seek advice before commencing excavations please contact:
General Enquiries: 0800 048 3516

Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
 01256 337 294

Scale: 1:500 (When plotted at A3)

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

050m

Dig Sites

Area:

Line:

Date Requested: 03/02/2022

Job Reference: 24617541

Site Location: 471262 100216

Requested by:
Miss Hannah Stalley

Your Scheme/Reference: Saltmarsh Lane

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)

Volts (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

Southern Electric Power Distribution plc

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03/02/2022

24617541

471262 100216

Miss Hannah Stalley

Saltmarsh Lane

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