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### **Utilities Statement**

Proposed residential development at

North Site, Newgate Lane, Fareham

On behalf of

**Fareham Land LP** 

April 2019

## **Project Reference: 23013**

Date	Version	Prepared By	Reviewed By	Approved By
8 June 2018	1.0	Stuart Magowan IEng MICE	Bava Sathan CEng MICE FIHE	Stuart Magowan IEng MICE
19 September 2018	2.0	Nathan Shields	Stuart Magowan IEng MICE	Stuart Magowan IEng MICE
1 April 2019	2.1	Nathan Shields	Stuart Magowan IEng MICE	Stuart Magowan IEng MICE

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### 1 Introduction

- 1.1 This Utilities Statement has been undertaken on behalf of Fareham Land LP and covers Statutory Undertakers Apparatus and Incoming Services.
- 1.2 This Statement is submitted in support of an Outline Planning Application for the demolition of existing buildings and development of up to 75 dwellings, open space, vehicular access from Newgate Lane and associated ancillary infrastructure, with all matters except access to be reserved on land between Newgate Lane and Newgate Lane East, Fareham.

### 2 Existing Site

2.1 The development site is located on land to the east of Newgate Lane, Fareham at Ordnance Survey reference SU 571 033. The nearest postcode is PO14 1BA.



- 2.2 The site is bounded on its north and south by agricultural land, on its east by Newgate Lane East and on its west side by Newgate Lane.
- 2.3 The site is approximately 3.95ha in area.
- 2.4 The site location plan and existing site layout are attached in Appendix 1 at the rear of this report.

### 3 Development Proposals

- 3.1 The development proposals are for an Outline Planning Application for the demolition of existing buildings and development of up to 75 dwellings, open space, vehicular access from Newgate Lane and associated ancillary infrastructure, with all matters except access to be reserved on land between Newgate Lane and Newgate Lane East, Fareham.
- 3.2 The maximum estimated population will be approximately 180 persons based on the assumption of 2.4 persons per dwelling using data available in the Statistical Bulletin 'Families and Households in the UK:2017' prepared by the Office for National Statistics.
- 3.3 A new site access is proposed off Newgate Lane.
- 3.4 A copy of the Illustrative Master Plan is located in Appendix 2 at the rear of this report.

#### 4 Foul Water Drainage

- 4.1 The area of the proposed development is served by Southern Water.
- 4.2 Network asset information from Southern Water indicates that there is an existing 225mm diameter public foul sewer located beneath Newgate Lane to the west of the site.
- 4.3 From publicly available information there is no indication of any existing foul sewer connection from the site.
- 4.4 Any new connection will be subject to agreement with Southern Water under Section 106 of the Water Industry Act 1991.
- 4.5 The anticipated peak discharge from the site is 3.5l/s in accordance with Sewers for Adoption requirements.
- 4.6 Foul drainage will be discharged via a foul pumping station into the existing 225mm diameter public foul sewer beneath Newgate Lane.
- 4.7 The location and size of the pumping station will need to be confirmed following further site investigation and detailed survey. In order to minimise the risk of odour, noise and nuisance a minimum distance from the wet well of the pumping station to any habitable buildings is required. Depending on the size of the pumping station this ranges between 5m and 15m.
- 4.8 As the scheme progresses the foul sewer system will be designed and it will be confirmed which part of the site will drain by gravity and which part will require pumped discharge.
- 4.9 From 1 April 2018 Southern Water no longer charges for improving offsite infrastructure to provide capacity where a direct connection into the existing public sewer is achievable. A new scope of Charging Arrangements will be applicable for work carried out between 1 April 2019 and March 2020 or as fixed thereafter.
- 4.10 The arrangement will be made in accordance with the Charging Rules for New Connection Services published by Ofwat however it will not cover Infrastructure Charges that are payable when a property is connected. Southern Waters infrastructure charge for the period of 2019-20 is £765.00 per property plus VAT.
- 4.11 An extract from the Southern Water sewer records is located in Appendix 3 at the rear of this report.

### 5 Potable Water

- 5.1 The area of the proposed development is served by Portsmouth Water.
- 5.2 Portsmouth Water network plans identify two existing 100mm and 150mm cast iron water mains along Newgate Lane to the west of the site. There is also an easement strip crossing the western boundary of the site with a 380mm water main running through.
- 5.3 The anticipated peak water demand for the proposed development is 0.3l/s based upon an estimated water consumption of 125 litres/person/day plus allowance for peak demand.
- 5.4 A copy of the asset plan from Portsmouth Water is located in Appendix 4 at the rear of this report.

### 6 Electricity

- 6.1 The area of the proposed development is served by Scottish and Southern Electricity Network (SSE).
- 6.2 Medium domestic electricity consumption based on Ofgem figures published in 2017 is typically 3,100kWh / annum which for the proposed development equates to approximately 232.5MWh / annum.
- 6.3 Each new property will require its own 240V single phase metered supply which will require internal and external infrastructure. The approximate load for each house varies between 2-4kVA which for the whole site equates to in the region of 300kVA excluding the loading required for any onsite pumping station.
- 6.4 If each dwelling requires an electric vehicle charging point the approximate load increases to between 9-11kVA which for the whole site equates to in the region of 825kVA excluding the loading required for any on site pumping station.
- 6.5 There are existing 11kV HV and LV electricity cables beneath Newgate Lane. There are overhead 33kV HV cables crossing the site.
- 6.6 New supplies for the development can be provided from either side of the site.
- 6.7 Scottish and Southern Electricity Network service utility maps are located in Appendix 5 at the rear of this report.

### 7 Gas

- 7.1 The area of the proposed development is served by Scotia Gas Network Plc (SGN)
- 7.2 SGN asset network plans identify both a low pressure and medium pressure mains beneath Newgate Lane to the west of the site. The network plans also identify an intermediate pressure main crossing part of the site along the western boundary to Newgate Lane.
- 7.3 Medium domestic gas consumption based on Ofgem figures published in 2017 is typically 12,000kWh/annum which for the proposed development equates to approximately 900MWh/annum.
- 7.4 It is anticipated that a supply can be obtained to serve the proposed development from the existing low pressure pipe located beneath Newgate Lane.
- 7.5 Southern Gas Networks service utility maps are located in Appendix 6 at the rear of this report.

### 8 Telecommunications

- 8.1 The area of the proposed development is served by BT Openreach.
- 8.2 There is no telecommunications infrastructure within the site boundary and no existing use onsite which would require telecommunications infrastructure.
- 8.3 There are underground BT cables beneath Newgate Lane with a joint box close to the proposed site entrance.
- 8.4 The BT services plans show there are no overhead services crossing the site.
- 8.5 From the information available there is super fibre connection available as shown on the BT plan extract below.



BT Openreach Fibre Map Extract

- 8.6 Under the Government supported Fibres to the Premises scheme, BT have confirmed that they will supply optic connections free of charge to the developer for residential developments of more than 30 units.
- 8.7 BT Openreach notes that any request to connect to the fibre services should be registered at least nine months before the first site occupancy to allow BT to plan their connections. Otherwise they will supply only copper cable connections.
- 8.8 A British Telecom service utility map is located in Appendix 7 at the rear of this report.

### 9 Combined Services Plan

9.1 A drawing showing the combined services layout is located in Appendix 8 at rear of this report.

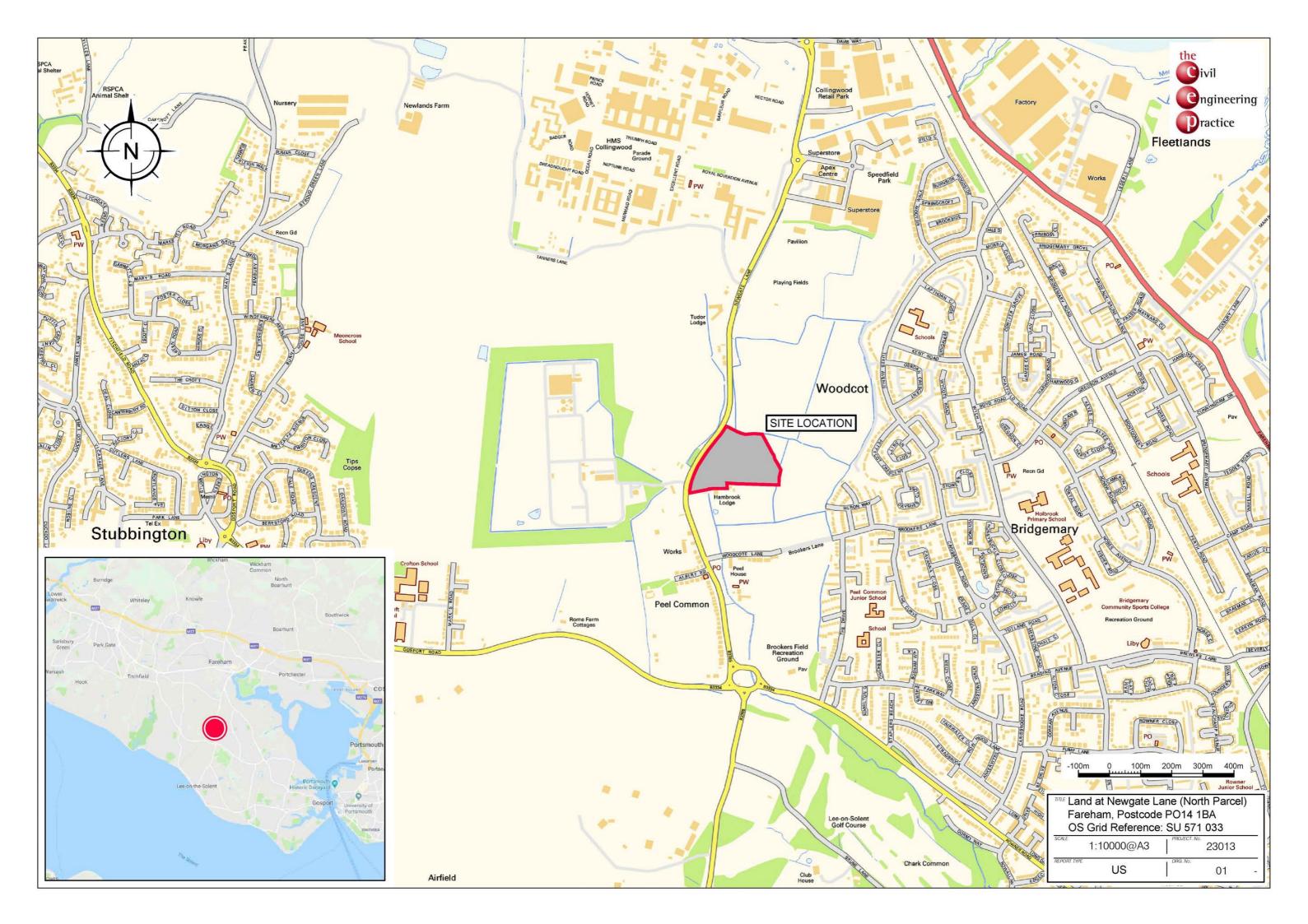
### 10 Summary of Conclusions

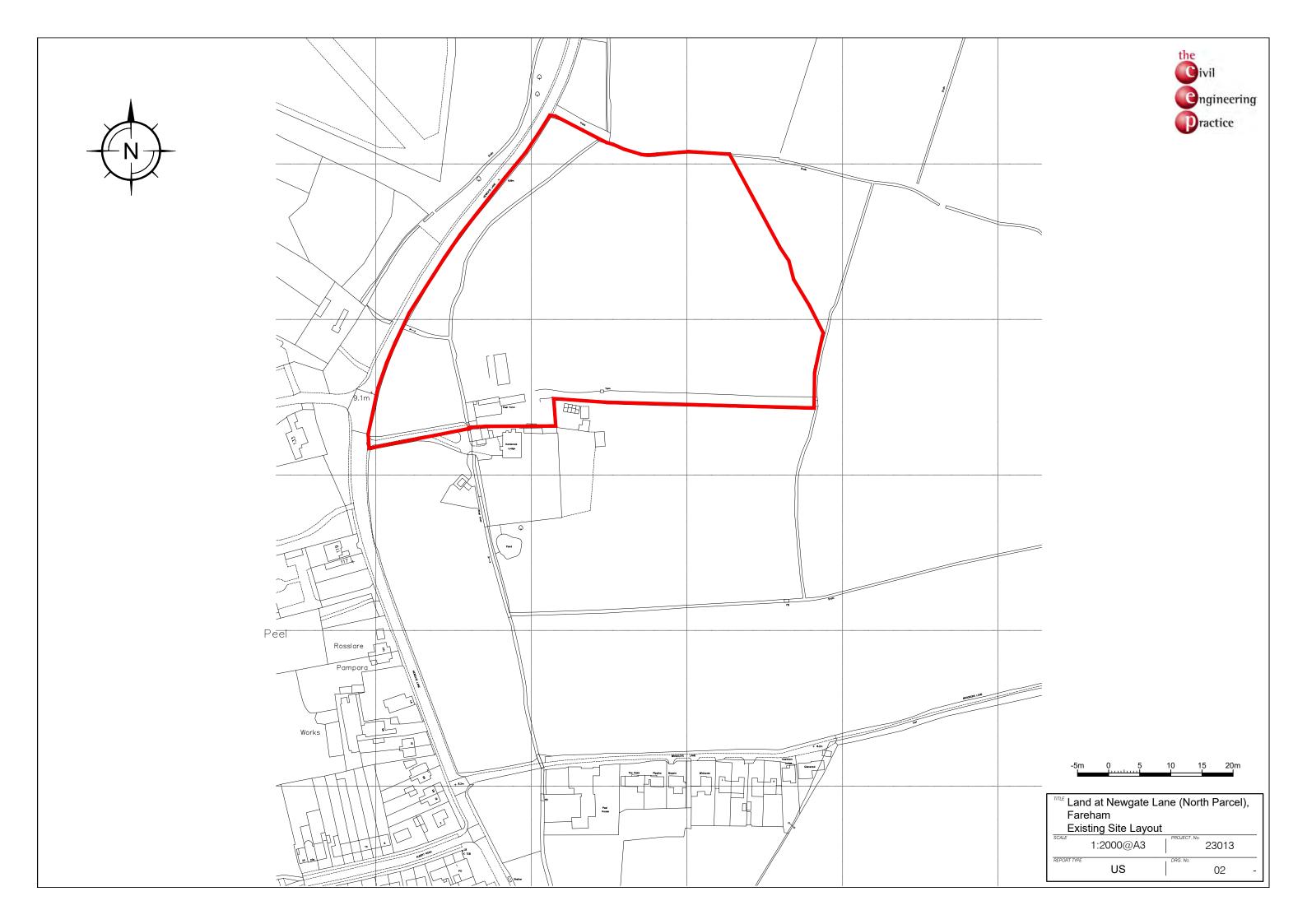
- 10.1 Foul drainage will be discharged via a foul pumping station into the existing 225mm diameter public foul sewer beneath Newgate Lane.
- 10.2 A potable water supply is available from the existing Portsmouth Water mains located beneath Newgate Lane to the west of the proposed site.
- 10.3 An electricity supply can be provided from either the LV or HV electricity cables located beneath Newgate Lane.
- 10.4 A gas supply is available from the existing SGN low pressure gas pipe located beneath Newgate Lane.
- 10.5 A BT telecommunications connection is available either from existing cables or the joint box near the proposed access which could be extended to serve the proposed development. Fibre connection is available in the area of the proposed site.
- 10.6 The proposed development can be adequately serviced by the different utility provider's existing network infrastructure within the area.

### 11 List of Appendices

Site Location Plan and Existing Site Layout Appendix 1 Appendix 2 Illustrative Master Plan Appendix 3 Southern Water Records Appendix 4 Portsmouth Water Records Scottish and Southern Electricity Network Records Appendix 5 Scotia Gas Network Infrastructure Records Appendix 6 Appendix 7 BT Infrastructure Records Appendix 8 Combined Services Layout

# Appendix 1 Site Location Plan And Existing Site Layout





# Appendix 2 Illustrative Master Plan





APPLICATION BOUNDARY



# Appendix 3 Southern Water Records

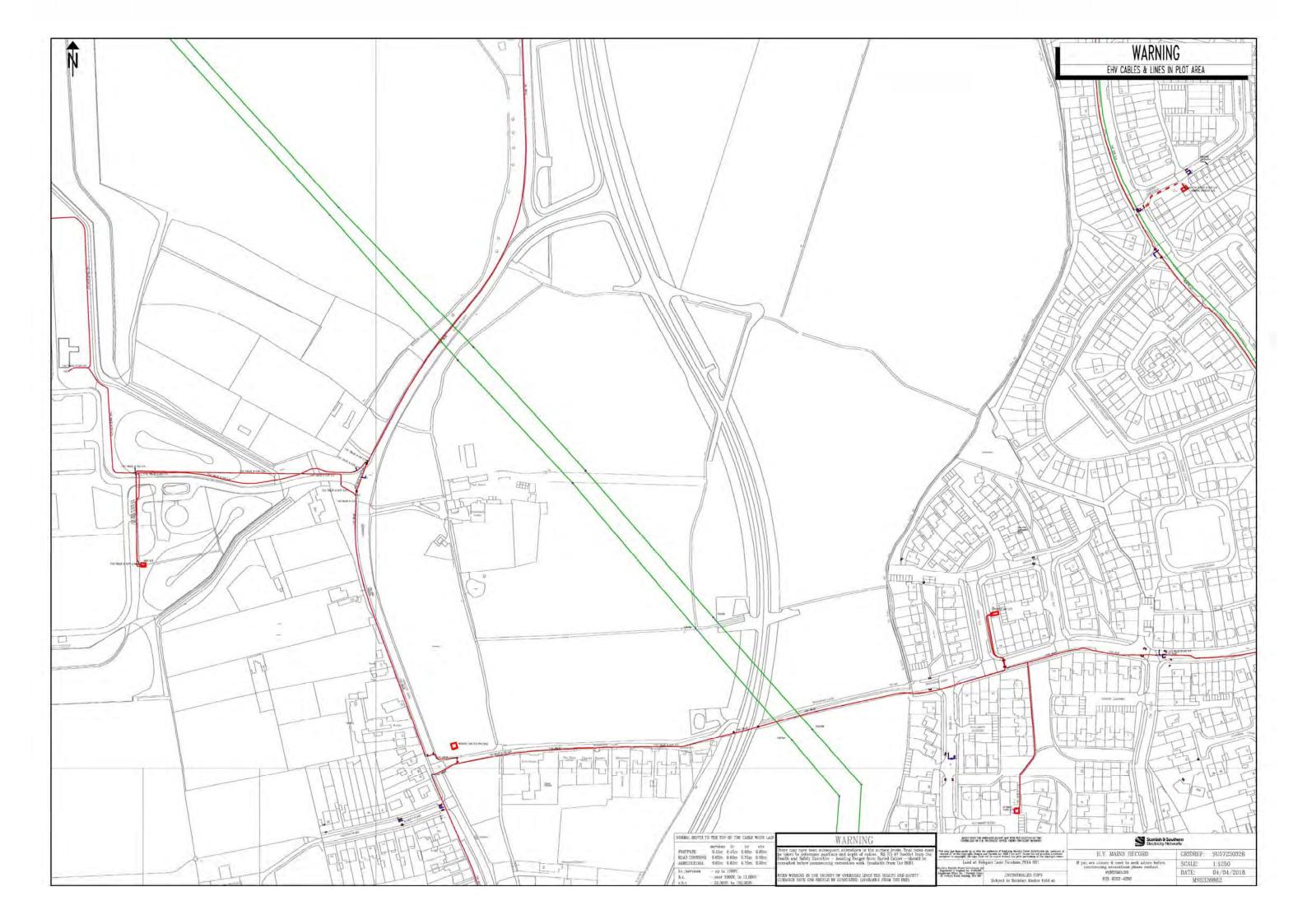


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# Appendix 4 Portsmouth Water Records



# Appendix 5 Scottish and Southern Electricity Network Records





# GUIDE TO INTERPRETING MAINS RECORDS PLANS

PRODUCED BY MAPPING SERVICES



### **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.

### <u>DO'S</u>

- 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.
- Make sure that you understand the plans that have been supplied to you. For detailed explanation of the symbols used by Scottish & Southern Energy to display the cable information see Appendices.
- 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 Energy 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 ENERGY.

### **UNDERSTANDING THE CABLE 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

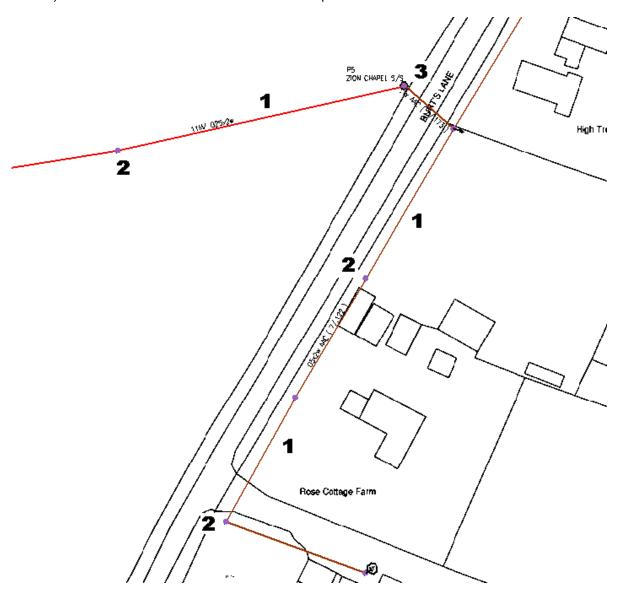
should also be noted

That surface levels can change subsequent to the cables being

laid.

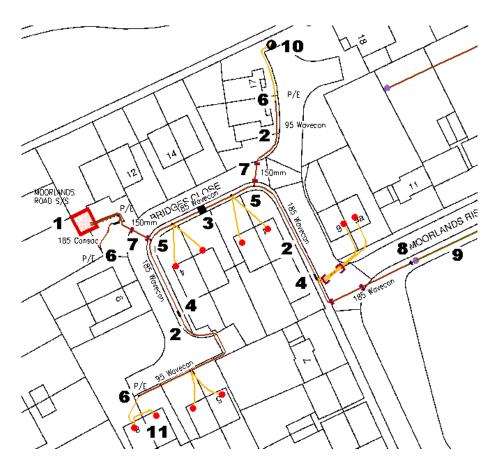
### Mains records symbols definitions and examples:

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



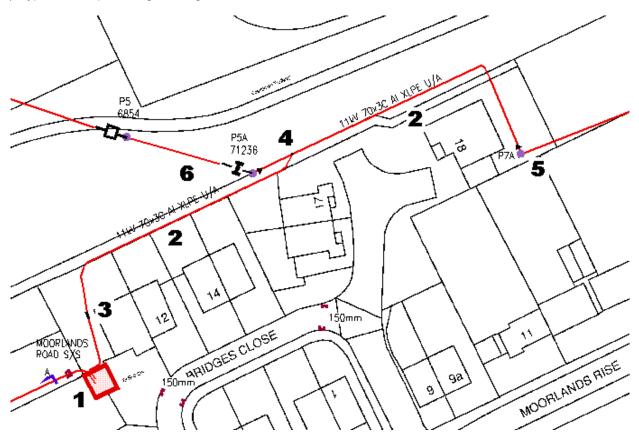
- 1. Overhead Line These can be either High Voltage or Low Voltage, colour denotes voltage.
- 2. Poles.
- 3. Pole Mounted Transformer.

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



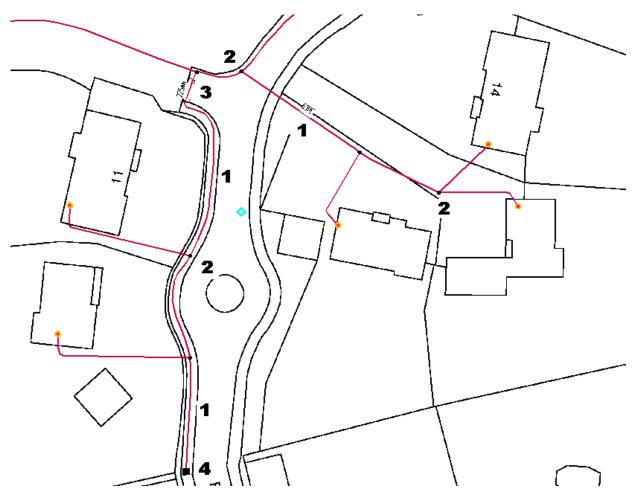
- 1. Sub Station
- 2. Low Voltage Underground cable.
- 3. Link Boxes: This is a box with a manhole cover marked as belonging to Scottish & Southern Energy containing links. Either two or four cables will lead away from a link box.
- 4. Straight Joint: This is where two separate cables are joined together.
- 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 Energy supply.
  - In some cases a service can be looped from an adjacent property.
  - Some services are laid through ducts from the mains to the meter positon when laid.

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.

D) Typical example of Gas pipe record



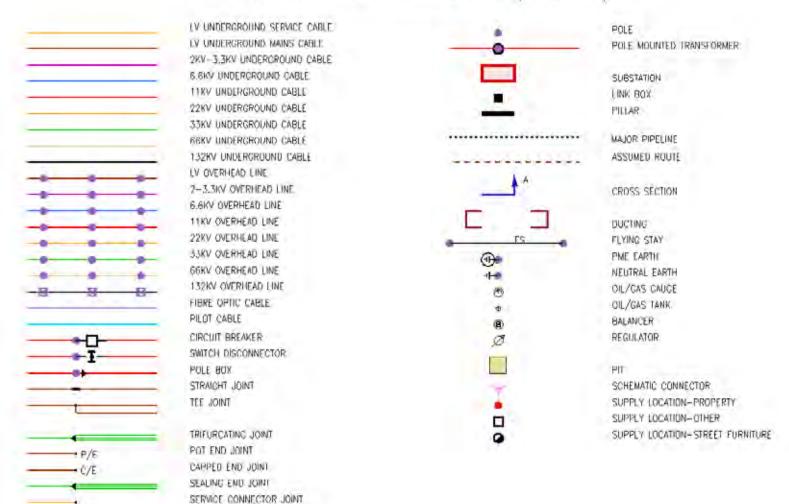
- 1. Gas Pipes- Colour denotes pressure.
- 2. Gas joint
- 3. Road crossing duct where a pipe is routed under a path or road.
- 4. Connection Point. Position where network is connected to national gas supplier's network.

### Further Notes.

The various sizes of cables and pipes are shown alongside the routes.

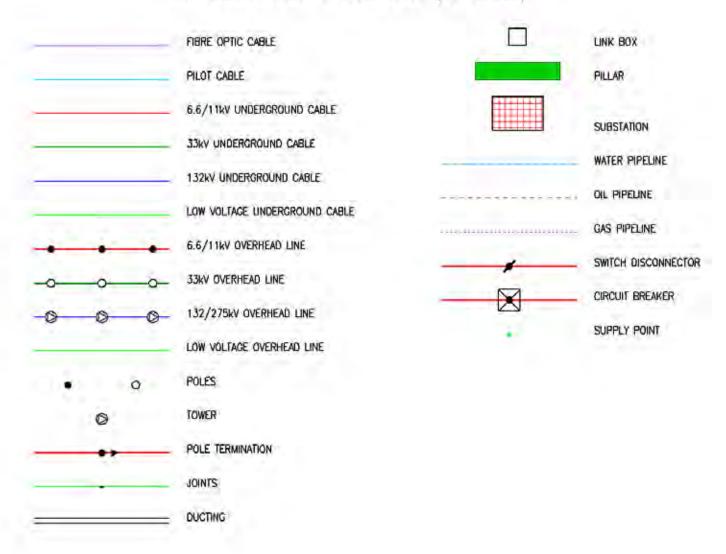
### IF IN DOUBT ASK SCOTTISH & SOUTHERN ENERGY

### GIS ELECTRIC SYMBOLS (SOUTH)



D/H CONNECTOR JOINT WALL BOX JOINT

### GIS ELECTRIC SYMBOLS (NORTH)



## GIS Gas Symbols

Medium Pressure Pipe

Low Pressure Pipe

Gas Ducting

Gas Supply Point

Gas Joint

End Closure

Pressure Reduction Station

Gas Utility Connection Point

Valve

### GIS Environmental Guide

Countryside Agency		English Nature/Scottish Natural Heritage		
	Areas of Outstanding Natural Beauty (AONB)		Site of Special Scientific Interest (SSSI)	
	National Perk		National Nature Reserve (NNR)	
Environment	Agency		RAMSAR	
	Borehole		Special Area of Conservation (SAC)	
A	Water Extraction Point		Special Protection Area (SPA)	
	Sensitive Waterway		Ancient Woodland	
	Source Protection Zone	Areas of Con-	eern	
	Vulnerability Zone		Contaminated	
Forestry Com	mission		Cadmium	
	Access		Methane	
	Ownership		Heavy Metal-Unclassified	
English Herit	age/Historic Scotland		Asbestos	
	Nonuments		Ordnance	
500000000000000000000000000000000000000			Mercury	
SEPA	Flood Area		Restricted Access	
V//////2				

Flood Location

#### 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.

#### <u>Publications</u>

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.

#### <u>Note</u>

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

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

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

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

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

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

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

#### Supplies To Properties, etc.

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

#### **Major Circuits**

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

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

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

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

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

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

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

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

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

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

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

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

#### Always remember that:

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

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

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

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 its Registered Office at No.1 Forbury Place 43 Forbury Road Reading RG1 3JH which are members of the SSE Group www.ssen.co.uk

Appendix 6
Scotia Gas Network
Infrastructure Records



Our Ref: 12852441 Your Ref: 23013

Wednesday, 16 May 2018

Nathan Shields 11 Tungsten Building George Street Fishersgate Sussex BN41 1RA

**Dear Nathan Shields** 

Thank you for your enquiry dated Wednesday, 16 May 2018

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.

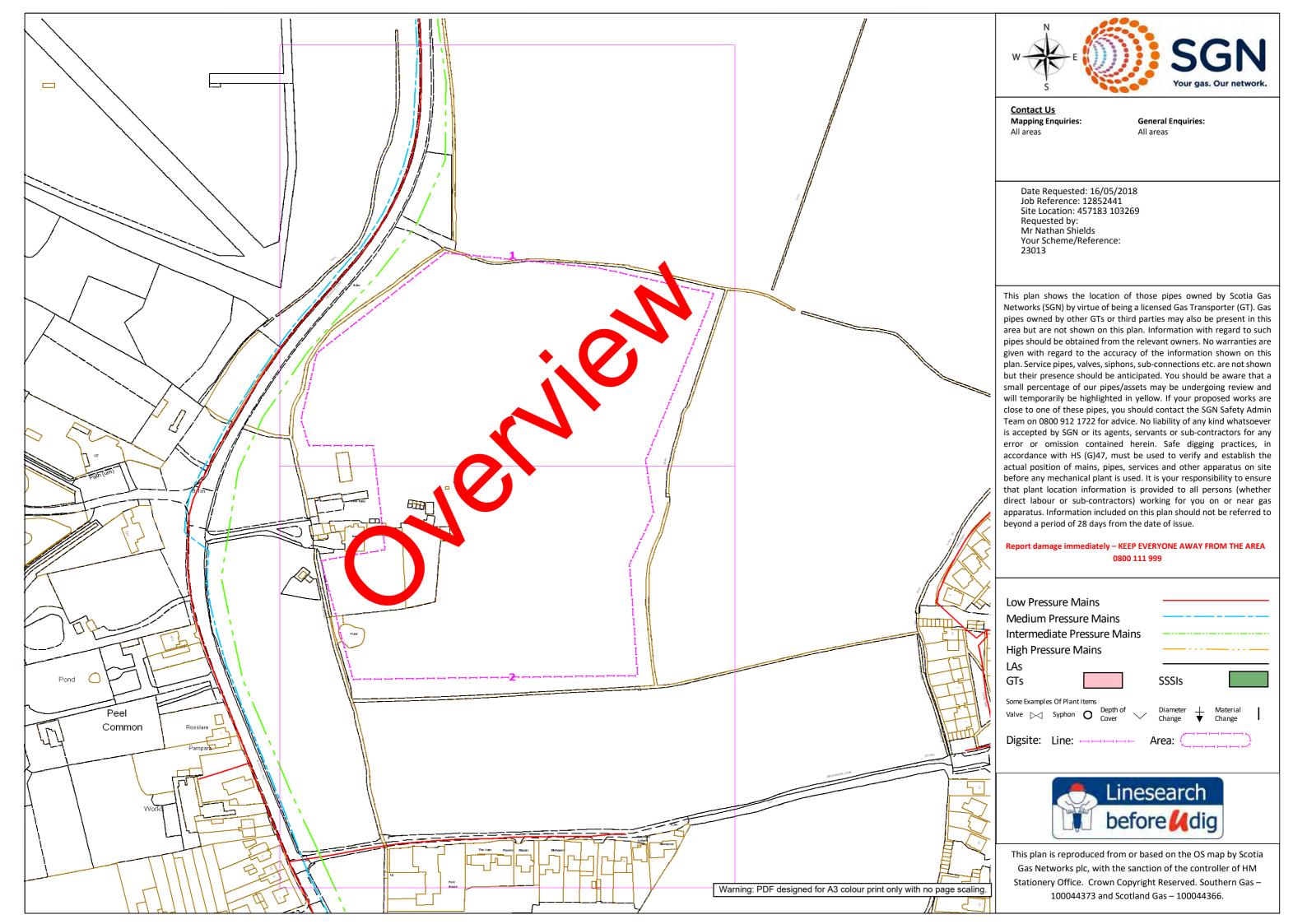
It must be stressed that both direct and consequential damage to gas plant can be dangerous for your employees and the general public and repairs to any such damage will incur a charge to you or the organisation carrying out work on your behalf. Your works should be carried out in such a manner that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

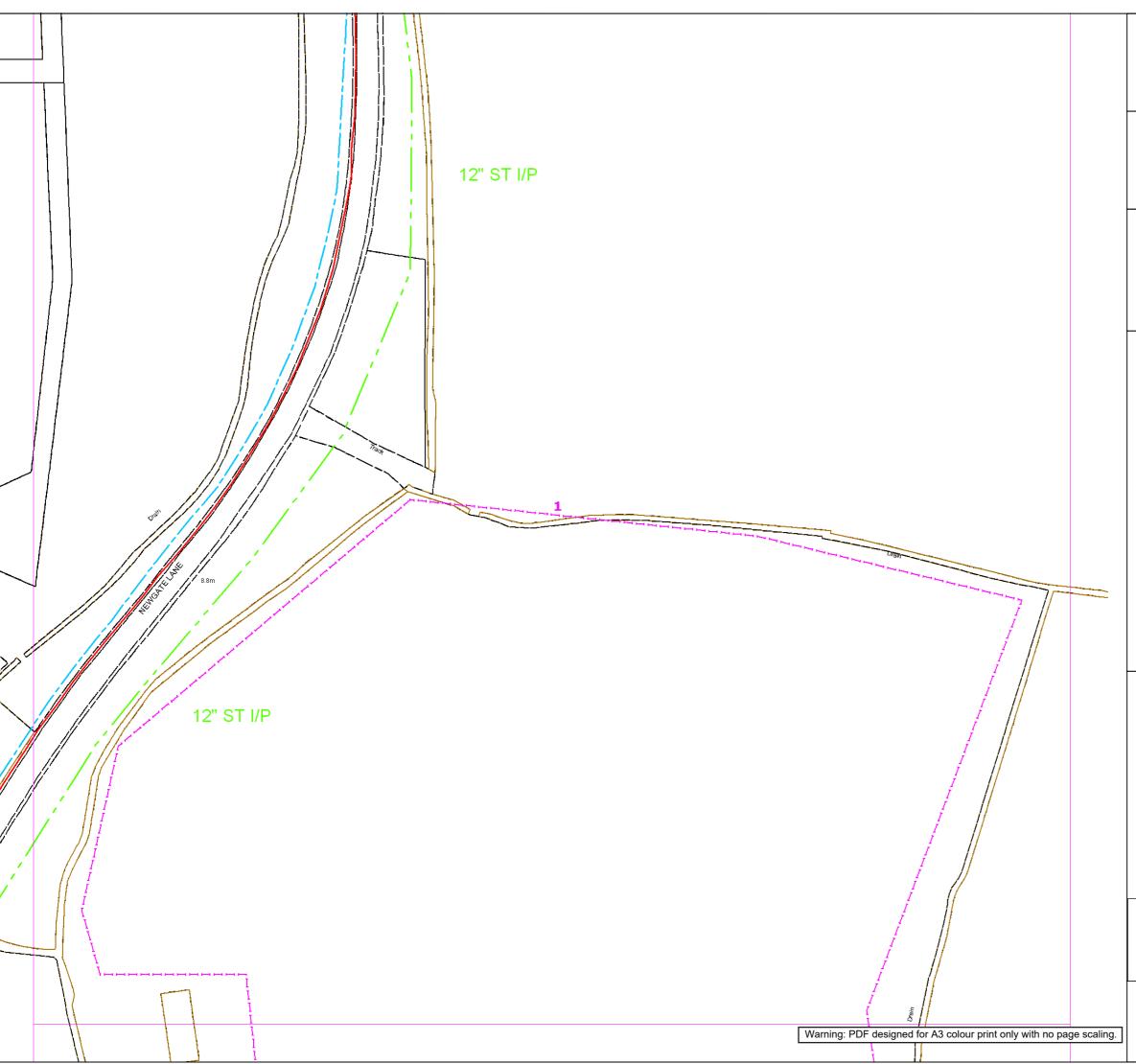
If you require any further information please do not hesitate to contact us.

Yours sincerely,
The Safety Admin Team
For more information, visit our Dig Safely pages on sgn.co.uk

Tel: 0800 912 1722

Smell gas? Call 0800 111 999







Contact Us **Mapping Enquiries:** 

All areas

**General Enquiries:** All areas

Date Requested: 16/05/2018 Job Reference: 12852441 Site Location: 457183 103269 Requested by: Mr Nathan Shields Your Scheme/Reference: 23013

**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.

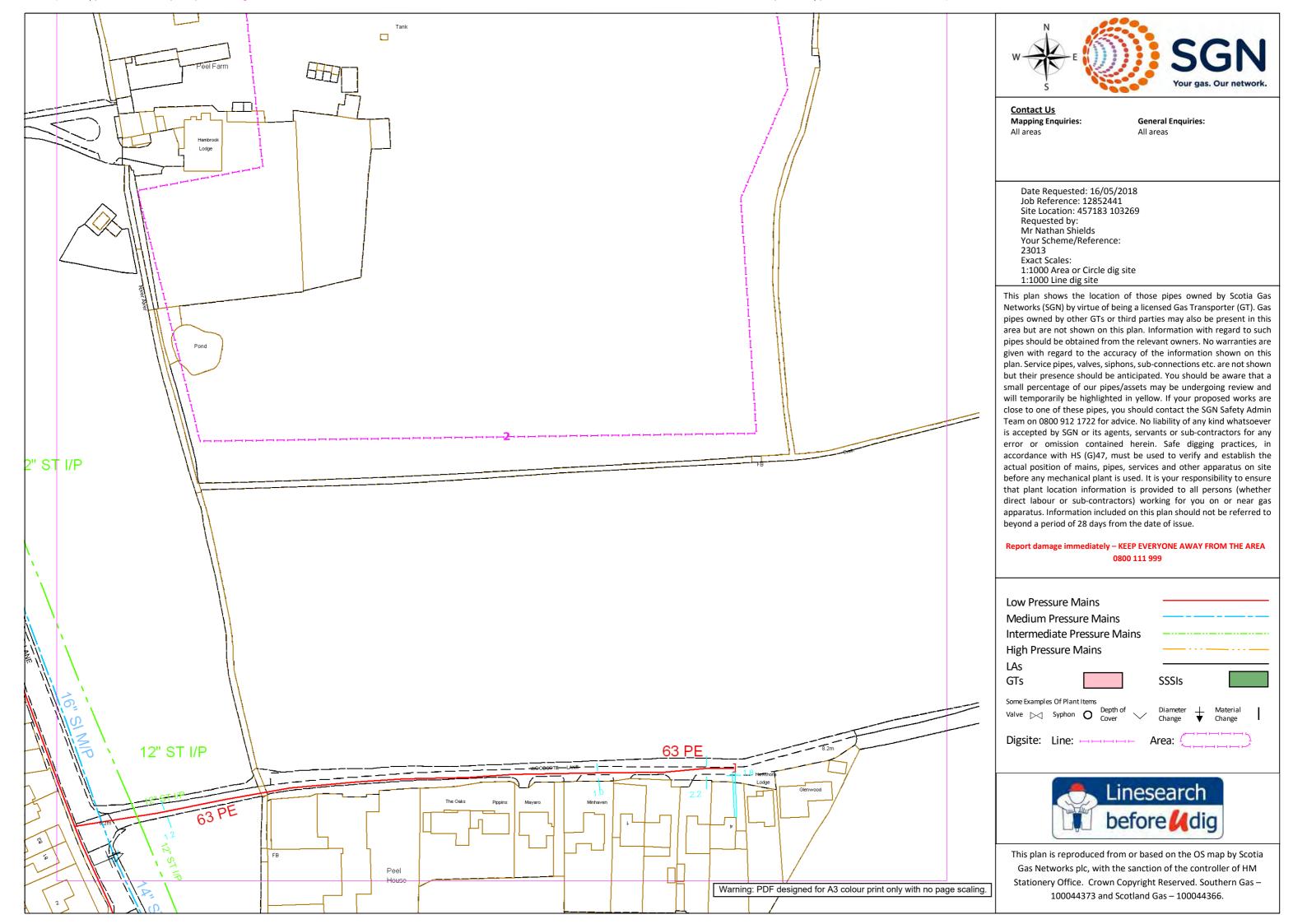
Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA 0800 111 999

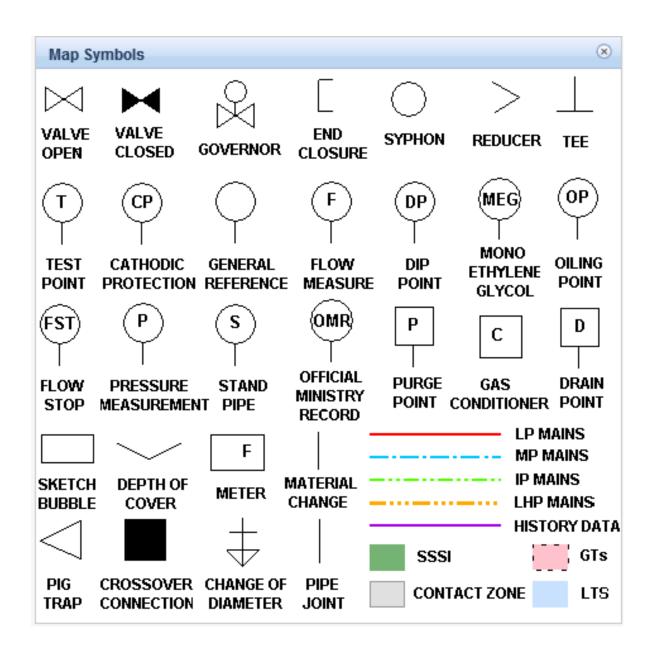
Low Pressure Mains **Medium Pressure Mains Intermediate Pressure Mains High Pressure Mains** LAs GTs

Digsite: Line:



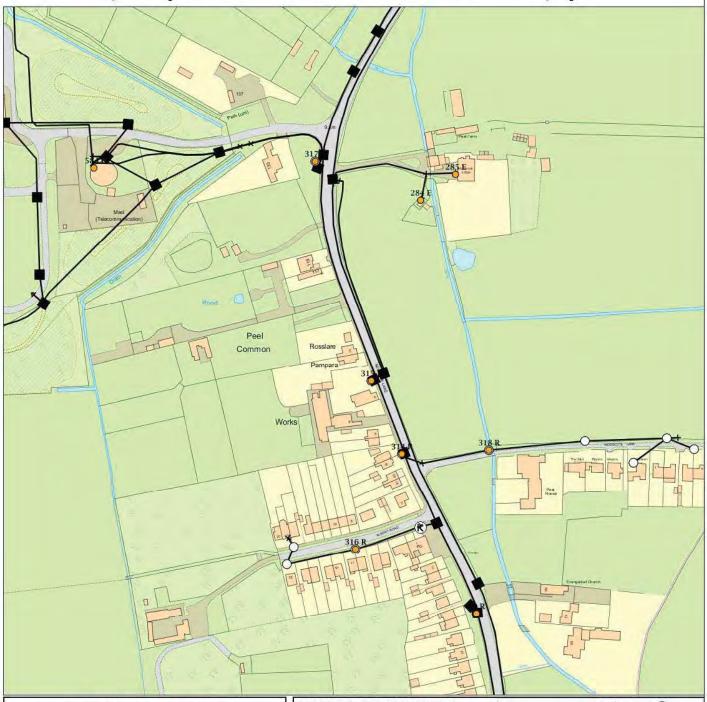
This plan is reproduced from or based on the OS map by Scotia Gas Networks plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Southern Gas – 100044373 and Scotland Gas - 100044366.





# Appendix 7 BT Infrastructure Records

## 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 PRIOF TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

#### email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED (Office hours: Monday - Friday 08.00 to 17.00)

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KEY TO BT SYMBOLS		Pole	0
DP	0	Planned Pole	Q
Planned DP		Joint Box	
PCP	Ø	Change Of State	+
Planned PCP	13	Split Coupling	×
Built	<b>/</b>	Duct Tee	*
Planned		Planned Box	
Inferred	<b>/</b>	Manhole	
Building		Planned Manhole	
Kiosk	<b>(K)</b>	Cabinet	Û
Hatchings	<b>***</b>	Planned Cabinet	1
		Other proposed plant is shown usi	A COUNTY OF THE PARTY OF THE PA

Other proposed plant is shown using dashed lines. BT Symbols not listed above maybe disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation

BT Ref: XUE095060

Map Reference : (centre) SU5700703088 Easting/Northing : (centre) 457007,103088

Issued: 29/03/2018 09:50:31

# Appendix 8 Combined Services Layout

