

19-29 Lower Teddington
Road, Hampton

Statutory Services Report

Cudd Bentley Consulting Ltd.
Ashurst Manor, Church Lane,
Sunninghill,
Berkshire,
SL5 7DD
Tel: (01344) 628821
Fax: (01344) 623448
www.cuddbentley.co.uk

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Cudd
Bentley
Consulting

19-29 Lower Teddington Road, Hampton

Statutory Services Report

Record of Revisions.		
Date.	Revision.	Description of change.
14/12/18	Rev 1	First issue – Draft.
10/01/19	Rev 2	Final Issue

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Executive Summary

Cudd Bentley Consulting are instructed by The Sons of Divine Providence Developments LTD and Lifestyle Residences to undertake the statutory services investigations for the proposed development at 19-29 Lower Teddington Road, Hampton.

This report details the extent of the statutory services that are in the vicinity of the site and impact on the proposed development works.

The utility company's data is uncontrolled and cannot be relied upon for accuracy, therefore should only be used for guidance. Cudd Bentley Consulting recommend that a detailed survey be carried out using a combination of Ground Penetrating Radar Survey (GPRS), lifting manholes and visual inspection to verify the positions of below ground services as indicated on the received asset plans.

Obtaining approval and agreements from the utility providers for the diversion/modifications of existing services, connection to existing services and the provision of new services to serve the development will require extensive liaison with the utility providers.

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1. Introduction

The proposed development resides between Station road, Seymour Road and lower Teddington Road in Hampton, Richmond. The perimeter of the proposed development is serviced well by the statutory services.

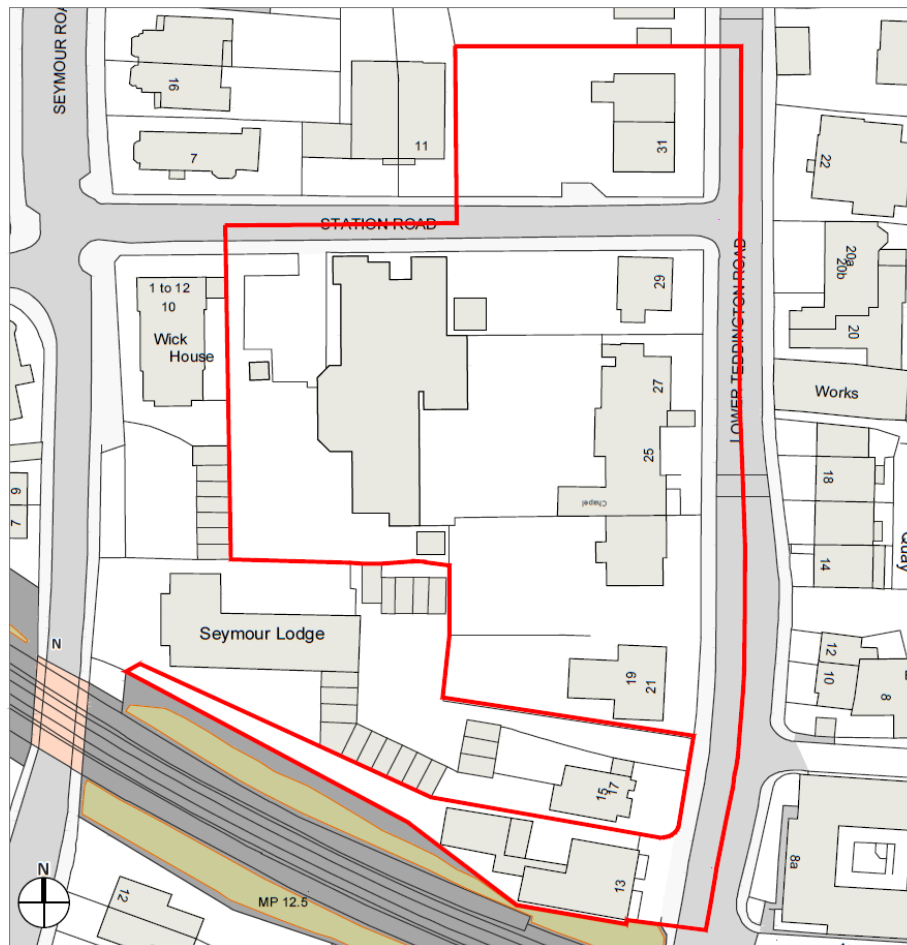


Figure 1; Proposed Development Location

The asset plans provided by the statutory services authorities indicate that a number of different utility services emanate within the site boundary and a further survey will be required to determine the exact location of the below ground services that cross directly into the proposed development area of the site.

Detailed liaison is needed with all the utility companies to determine the network arrangement and how any required modifications could best be carried out furthermore how new supplies to serve the proposed development can best be provided.

The utilities within the vicinity of the site include the following:

- Electricity.
- Telecoms.
- Water Mains.
- Water Sewers.
- Gas.

The utility asset maps provided by the statutory authorities show that the site is substantially affected by the below ground services. Consideration will need to be given where new road crossovers are constructed. Under new crossovers existing below ground services will require protection and depending on current depths may require lowering to achieve minimum utility standards.

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2. Utility Search Summary

Cudd Bentley Consulting have undertaken a review of the statutory services (below and above ground) that are in the vicinity of the site and impact on the proposed development works.

Utilities within the vicinity of the proposed development

Data Supplier	Type	Date Received
UK Power Networks (UKPN)	Electricity	05/12/18
Southern Gas Networks (SGN)	Gas	05/12/18
GTC	Gas	05/12/18
British Telecom (BT)	Telecoms	05/12/18
Virgin Media	Telecoms	05/12/18
Vodafone	Telecoms	28/11/18
Thames Water	Water Mains	22/11/18
Southern Water	Water Sewers	22/11/18

Figure 2; Utilities within the vicinity of the proposed development

Unaffected Utilities

Data Supplier	Type	Date Received
Energetics	Electricity	27/11/18
Utility Assets Ltd	Electricity	05/12/18
BSKYB Telecommunications Ltd	Telecoms	23/11/18
C.A. Telecom - Colt	Telecoms	03/12/18
City Fibre	Telecoms	11/12/18
EU Networks	Telecoms	23/11/18
Instalcom Ltd	Telecoms	28/11/18
GTT (Formerly Interoute Vtesse Networks Ltd)	Telecoms	05/12/18
KPN	Telecoms	27/11/18
MBNL	Telecoms	05/12/18
Plancast	Telecoms	23/11/18
Trafficmaster	Telecoms	25/11/18
Verizon	Telecoms	23/11/18
Mast Data	Mobile Phone Masts	05/12/18
Network Rail	Transport	13/12/18

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Transport for London	Transport	Awaiting
London Overground	Transport	28/11/18
London Underground HV Power Assets	Transport	Awaiting
London Underground	Transport	28/11/18
Crossrail	Transport	05/12/18
HS1/HS2	Transport	05/12/18
MOD	Tunnels	Awaiting
Thames Tideway Tunnel	Tunnels	05/12/18
HSE	Various	05/12/18
Local Council	Various	13/12/18
LinesearchbeforeUdig	Various	05/12/18
ENGIE	District Energy	05/12/18

Figure 3; Site Unaffected Utilities

3. Electricity

UK Power Network (UKPN) who are the local Distribution Network Operator (DNO) have provided asset plans indicating the high and low voltage services within the vicinity of the proposed development. The below pictures indicate a number of buried HV 33 KV supplies and a number of 11 KV LV buried cable supplies entering the development. It is recommended that a further survey is required to confirm the above.

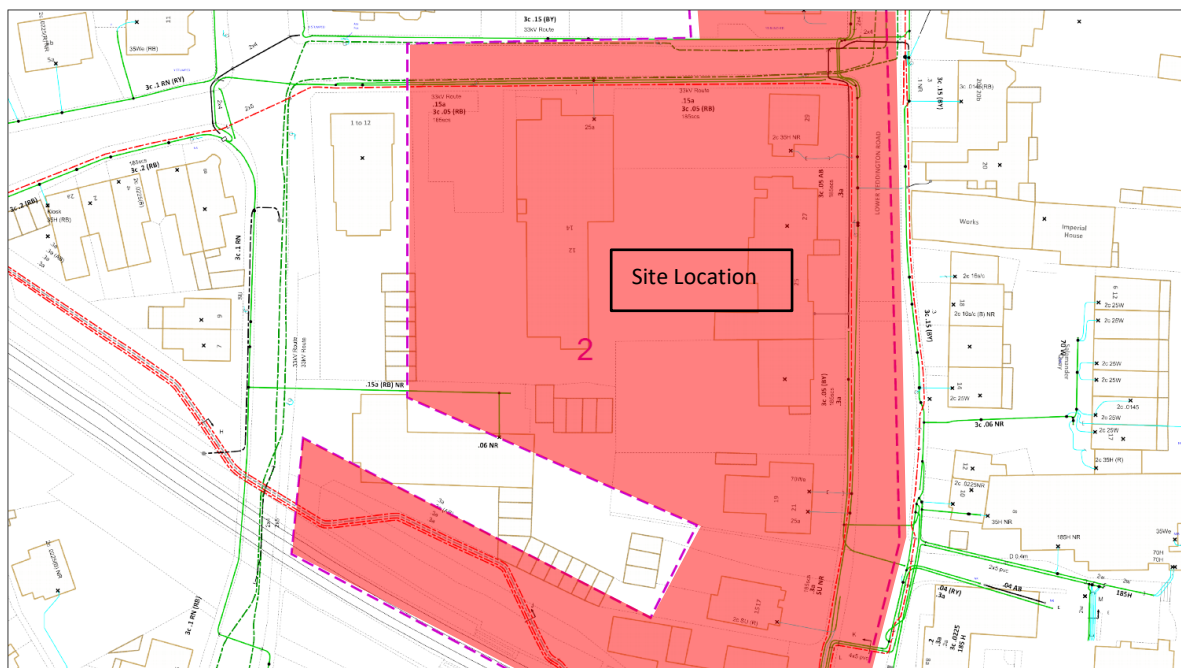


Figure 4; UKPN High Voltage Layout

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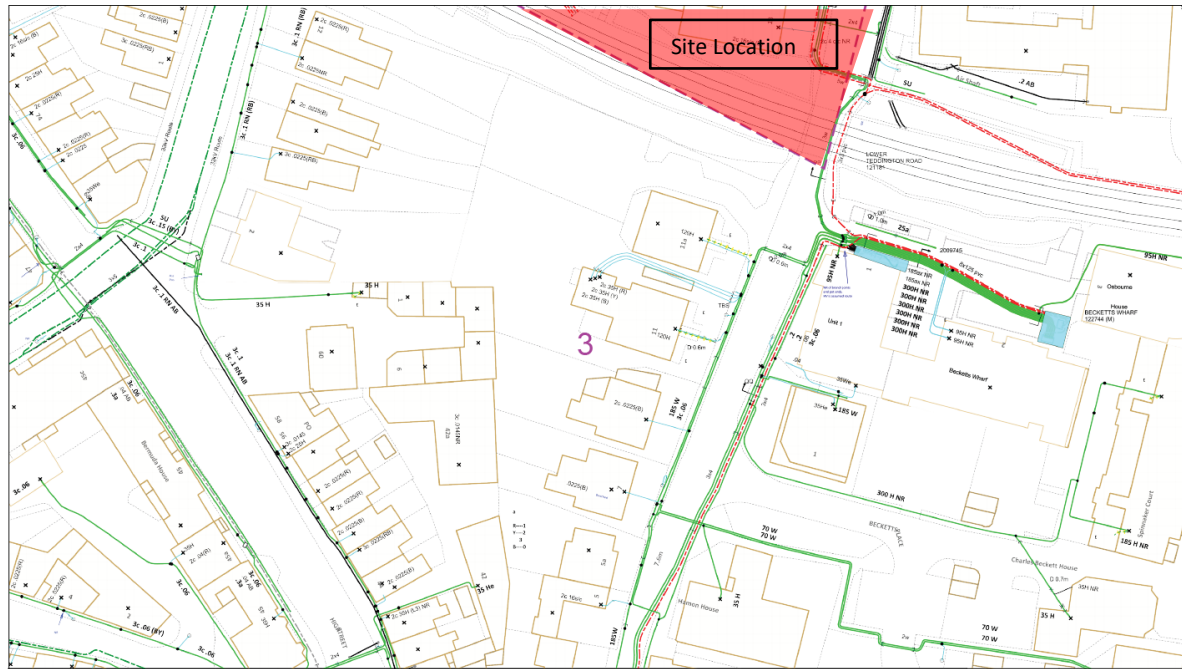


Figure 5; UKPN Low Voltage Layout

The UKPN high voltage asset map shows buried high voltage cabling around the perimeter of the site boundary. The buried 33 KV located at the northern boundary of the site could potentially affect excavation work. Further liaison with UKPN will be required to ensure that the cables are not disrupted during the proposed works.

The UKPN low voltage asset map shows buried low voltage cabling to the northern and eastern boundaries. A number of 11 KV LV cabling passes through the site boundary at the southern border of the proposed development, although these cables are not in the position of where the development works are proposed further liaison will be required with UKPN to ensure that these buried cables are not disrupted during the works.

This existing HV and LV cabling is not envisaged to require re-locating however, consideration will need to be given where new road crossovers are constructed. There is a local substation located at Becketts Wharf on the eastern boundary which provides low voltage and high voltage electricity supplies which serve the site at present. A number of ducted LV supplies to existing properties on the proposed development of the site have been identified and it is not envisaged that these will need to be re-located as these may be able to be re-used however, this is for UKPN to decide.

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4. Telecoms

British Telecom (BT) who are the main telecom provider have provided asset plans indicating the services within the vicinity of the proposed development.

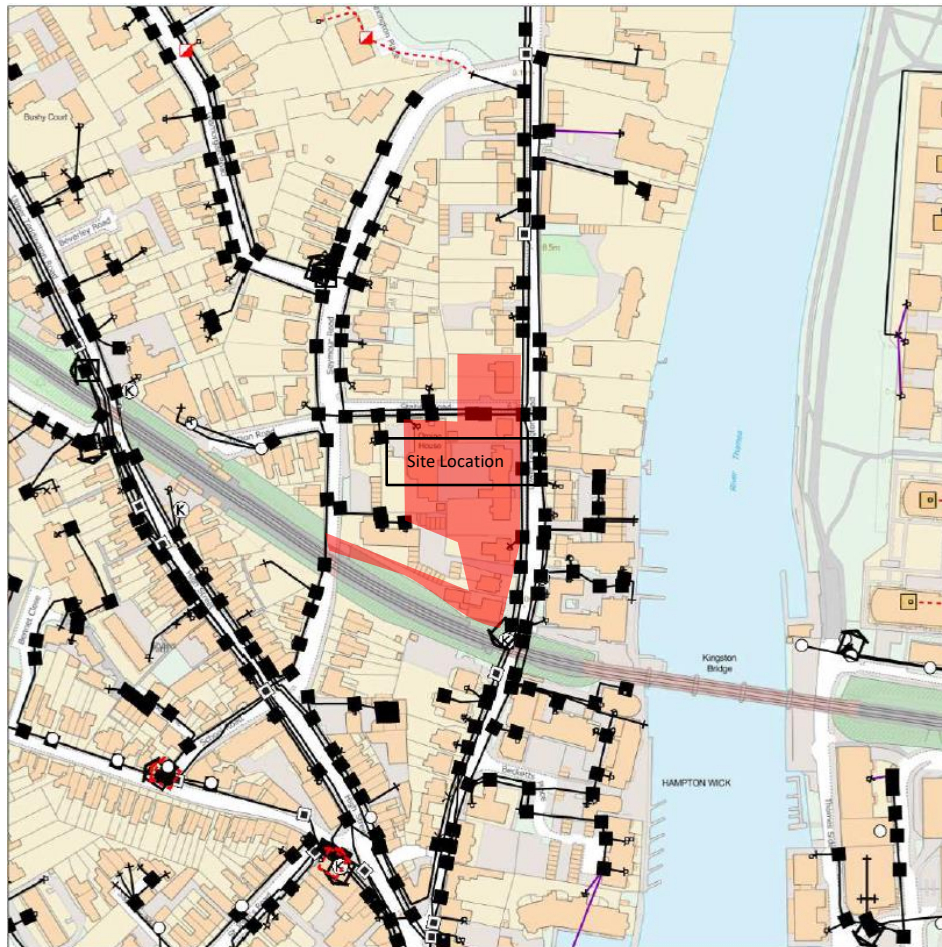


Figure 6; BT Telecoms Layout

The BT asset map shows cabling and access chambers to the northern, eastern and western boundaries. It is unclear if these services are below or above ground. The BT map also shows a cabinet located at the southern boundary of the site. This existing BT cabling is not envisaged to require re-locating although consideration will need to be given where new road crossovers are constructed. Under new crossovers existing cabling will require protection and depending on current depths may require lowering to achieve minimum utility standards.

A new system of BT below ground ducts, fibre cable lines and distribution points would need to be installed to provide a new BT infrastructure to serve the proposed development. Further Liaison with BT would be required.

Virgin Media who are a telecom provider have provided asset plans indicating the services within the vicinity of the proposed development. The Virgin Media asset map shows cabling and access chambers to the northern, eastern and western boundaries of the site. The Virgin Media services are buried below ground.

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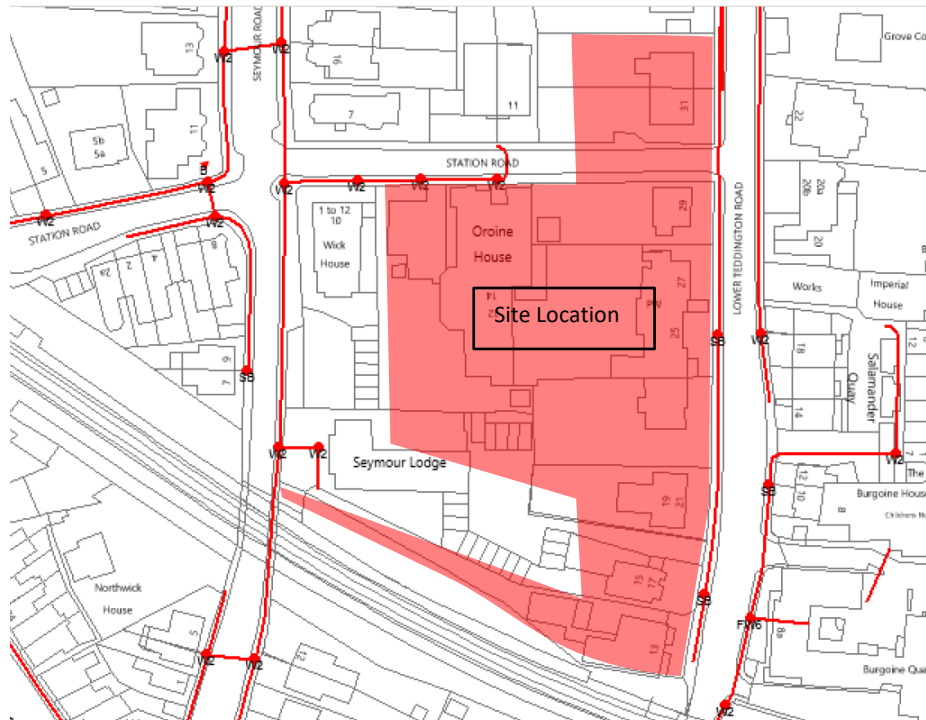


Figure 7; Virgin Media Telecoms Layout

Vodafone who are a telecom provider have provided asset plans indicating the services within the vicinity of the proposed development.

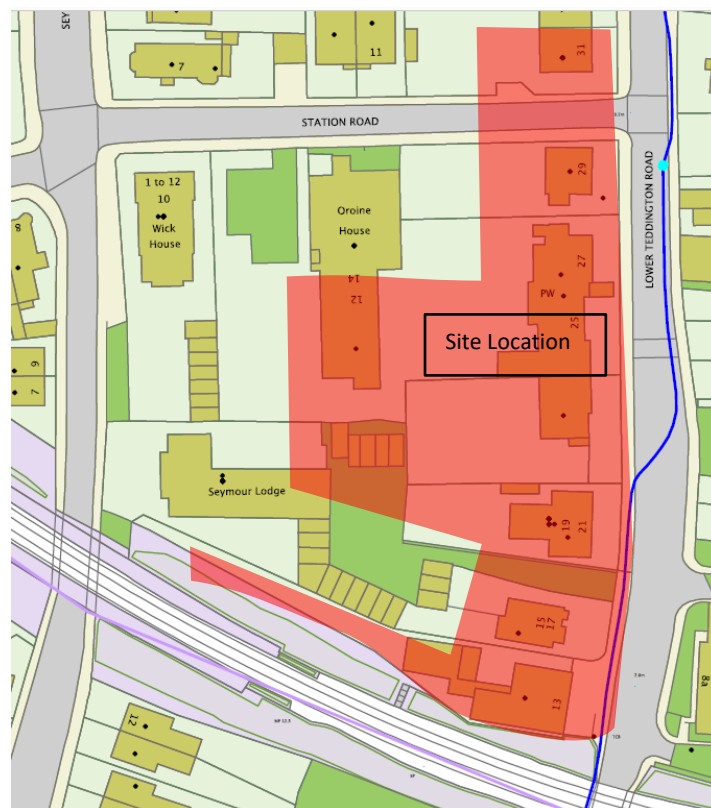


Figure 8; Vodafone Telecoms Layout

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The Vodafone asset map shows cabling and a utility box to the eastern boundaries of the site. The Vodafone services are buried below ground.

Consideration will need to be given where new road crossovers are constructed. Under new crossovers existing Vodafone cabling will require protection and depending on current depths may require lowering to achieve minimum utility standards.

BSKYB Telecommunications Ltd, City Fibre, EU Networks, Instalcom, KPN, MBNL, Plancast, Trafficmaster, C.A. Telecom – Colt, GTT, (formerly Interoute Vtesse Networks Ltd, and Verizon who are all telecoms utility providers have confirmed that they do not have assets within the vicinity of the site.

5. Water Mains

Thames Water who are the mains water provider have provided asset plans indicating the services within the vicinity of the proposed development.

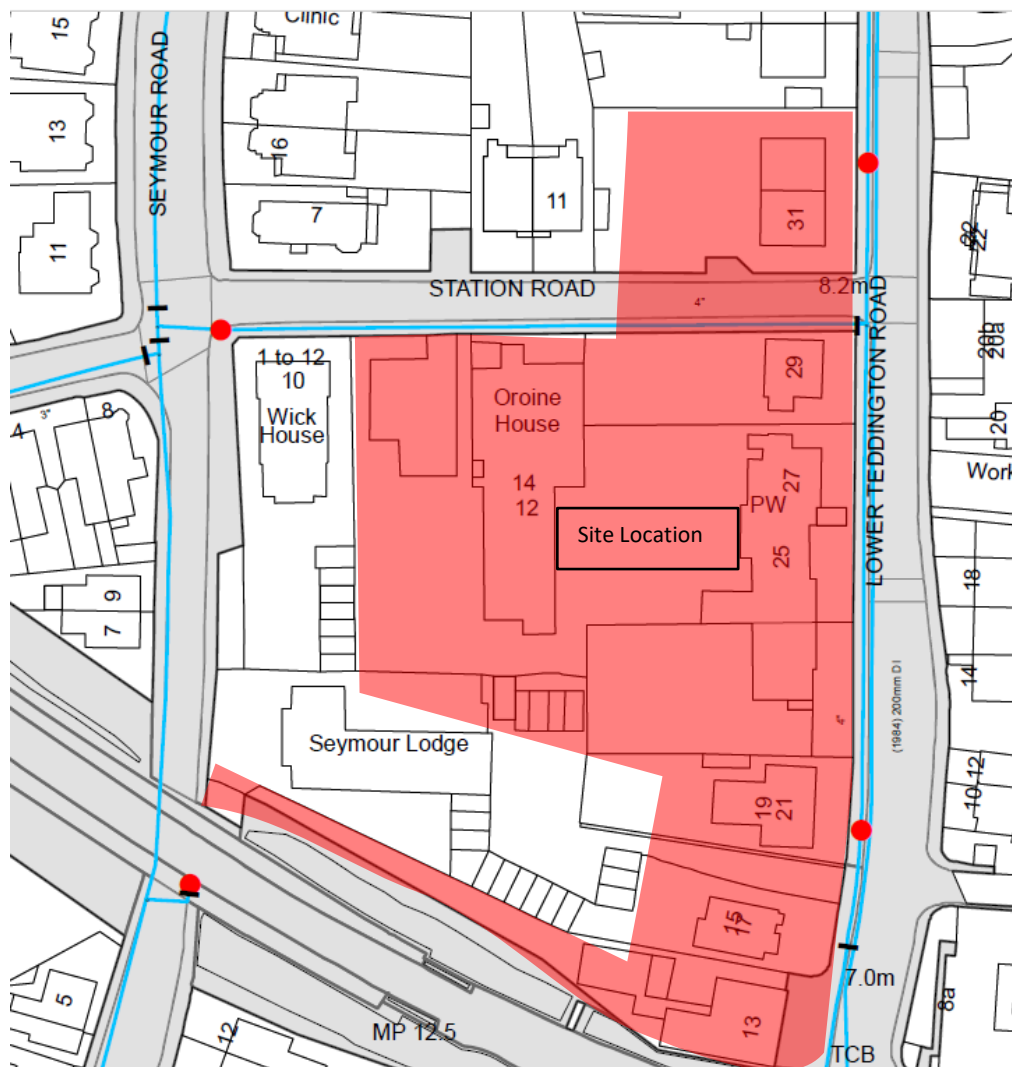


Figure 9; Thames Water Mains Layout

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The Thames Water asset map shows below ground mains water to the northern, southern, eastern and western boundary of the site. These existing buried mains water services are not envisaged to require re-locating, however further liaison with Thames Water and a subsequent site survey may be required to ascertain the location of existing water meters etc. It should be noted that asset maps above will not detail any existing private mains.

New mains water connections to the proposed development will be fed from the existing surrounding mains water services subject to Thames Water approval and design.

6. Water Sewers

Thames Water who are the main sewer provider have provided asset plans indicating the services within the vicinity of the proposed development.

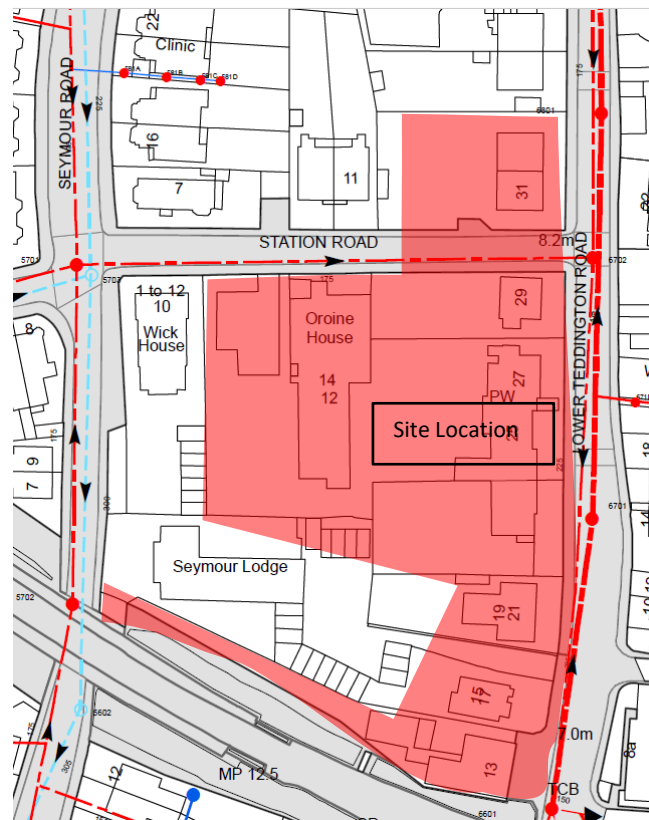


Figure 10; Thames Water Sewers Layout

The Thames Water asset map shows below ground surface water drains to the northern, and southern boundaries of the site and foul water drains to the northern eastern, western and southern boundaries of the site. These existing buried sewer services are not envisaged to require re-locating.

New sewer connections from the proposed development will be connected to the existing surrounding sewers.

Detailed liaison with Thames Water will be necessary in order to clarify and agree whether the existing sewers can absorb the new discharges from the proposed development or whether there is a need to provide attenuation and flow restriction to limit flows to existing sewers or whether an application for new sewer mains is required. In addition to this a flood risk assessment will need to be carried out by a civil engineer to determine areas that may be susceptible to flooding.

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7. Gas

Southern Gas Networks (SGN) who are the main gas provider have provided asset plans indicating the services within the vicinity of the proposed development.

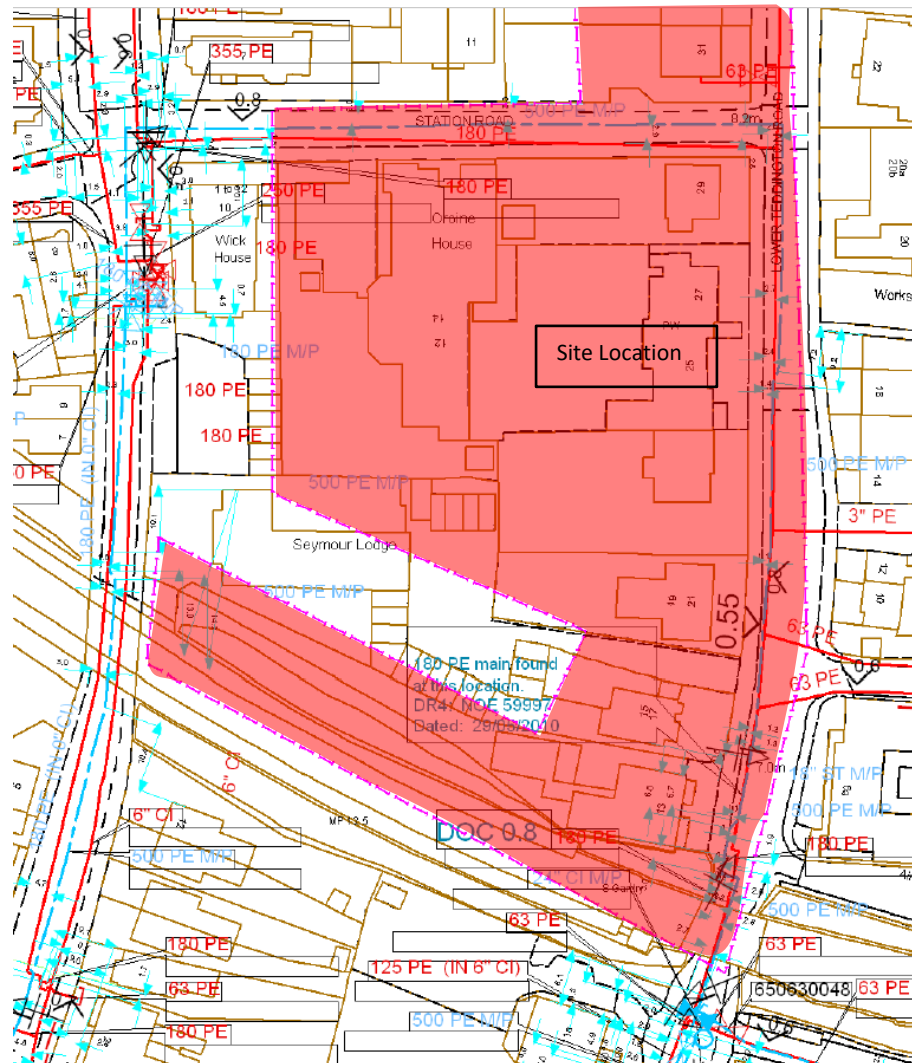


Figure 11; Southern Gas Networks Layout

The SGN asset map shows buried a number of low-pressure gas mains to the northern, eastern, western and southern boundaries of the site.

There are four 63PE low pressure mains and one 3-inch PE that serves the site from the eastern boundary. These existing SGN gas mains are not envisaged to require re-locating although consideration will need to be given where new road crossovers are constructed. Under new crossovers existing pipework will require protection and depending on current depths may require lowering to achieve minimum utility standards.

New gas supplies to the proposed development will be fed from the existing surrounding mains dependent on the capacity within the area and this would be for SGN to clarify.

GTC who are an ancillary gas provider have provided plans of existing flats on the proposed development site indicating that there are number of 63PE low pressure gas mains serving the flats currently. This is in accordance with the asset map provided by SGN. These plans will be included in the appendices section of this document.

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8. Network Rail

Network rail who are the main railway provider have provided asset plans indicating the services within the vicinity of the proposed development.

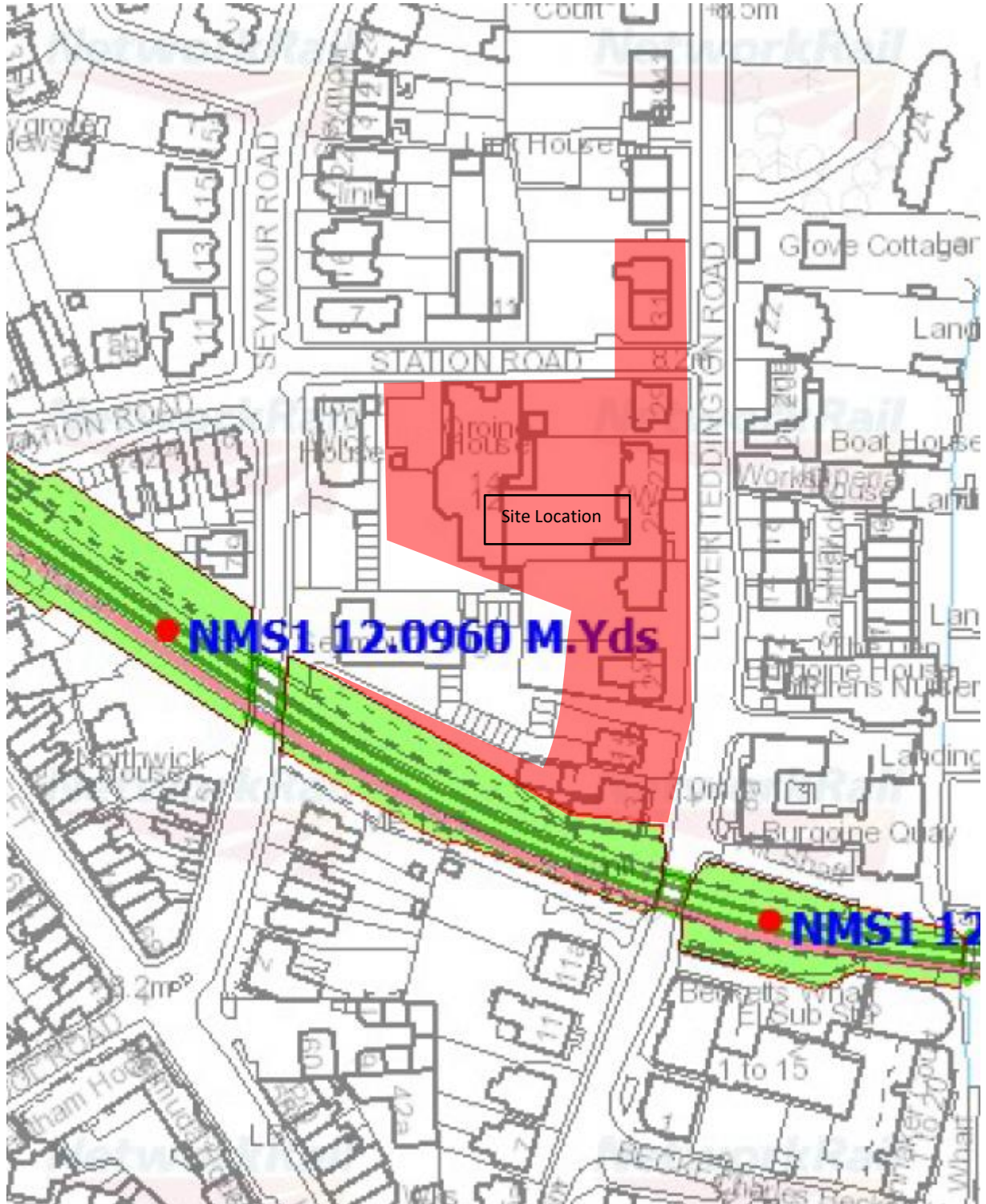


Figure 12; Network Rail Layout

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The Network rail asset map shows a railway line running through the southern border of the site. It is not envisaged at present that the works proposed for development will affect the rail network, however further liaison will be required with network rail to confirm this before the proposed excavation works are to be carried out.

9. Other Services

The local council (London Borough of Richmond) have provided asset plans indicating the services within the vicinity of the proposed development.

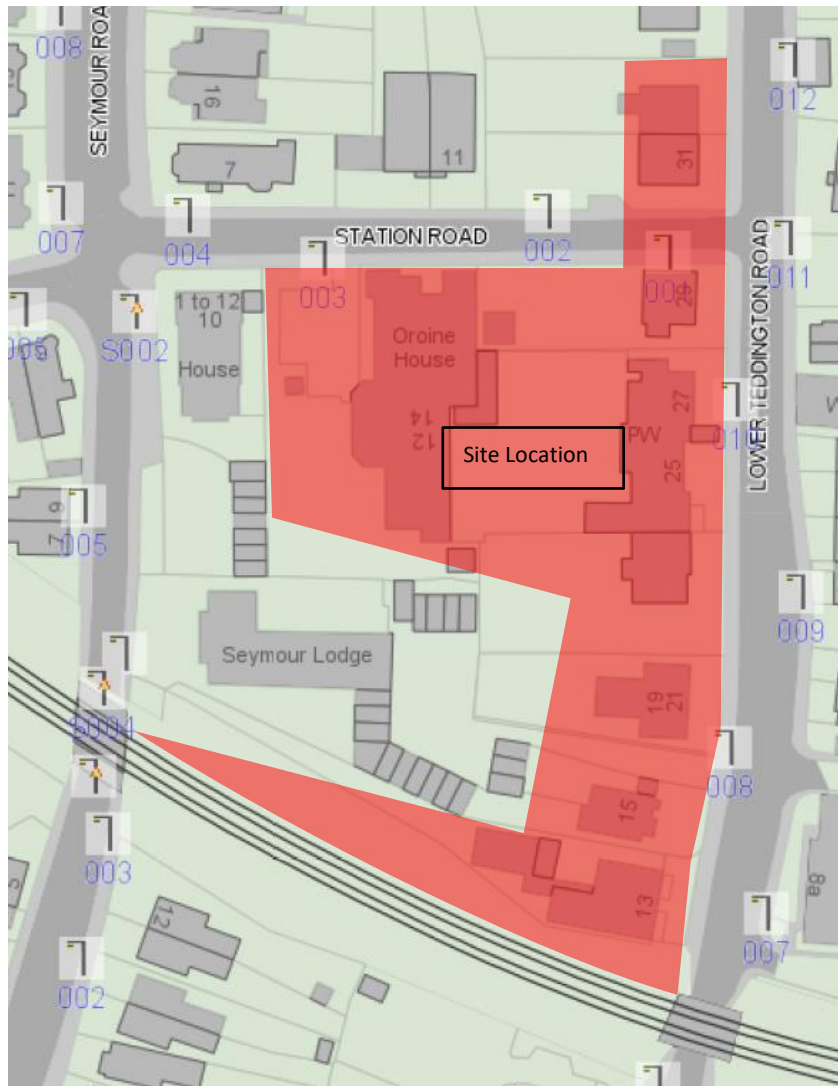


Figure 13; Local Council Infrastructure

The local council's asset map shows buried low voltage electricity supplies and street lighting to the northern, eastern, western and southern boundaries of the proposed development. These existing electricity services including the street lighting are not envisaged to require re-locating. However further liaison will be required with Richmond Borough council and actual buried cable routes should be investigated following this.

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10. Appendix

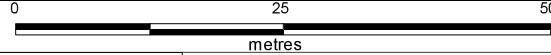
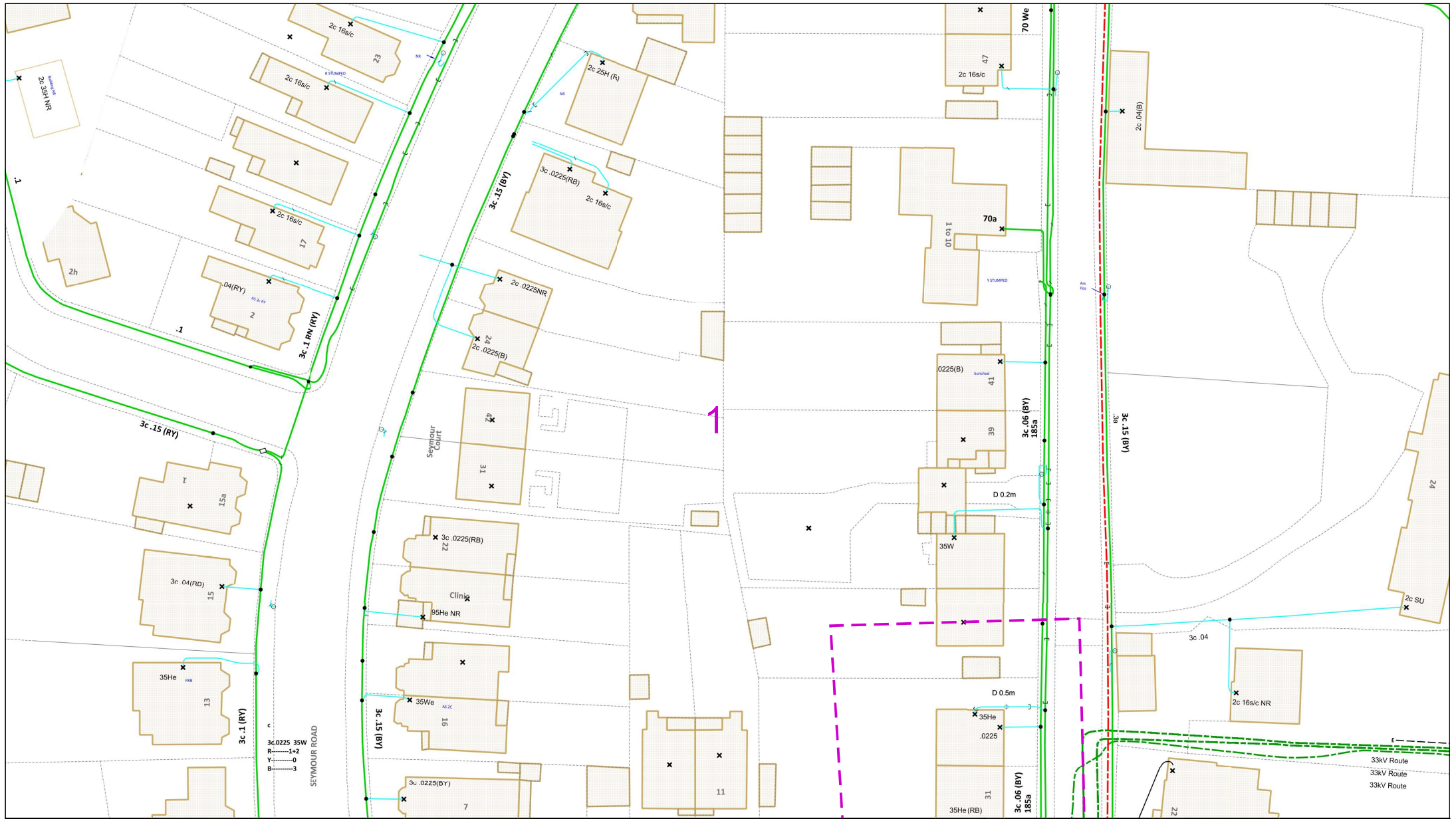
10.1. UKPN Asset Map

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Dig Sites Area: Line:

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This plan must be used with the attached 'Symbols' document.

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.
2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.
3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.
4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.
5. All cables must be treated as being live unless proved otherwise by UK Power Networks.
6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.
7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

Date Requested: 04/12/2018
 Job Reference: 14231936
 Site Location: 517418 169611
 Requested by:
 Mr David Gunn
 Your Scheme/Reference: 22945

Scale: 1:500 (When plotted at A3)

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.
2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.
3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.
4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.
5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.

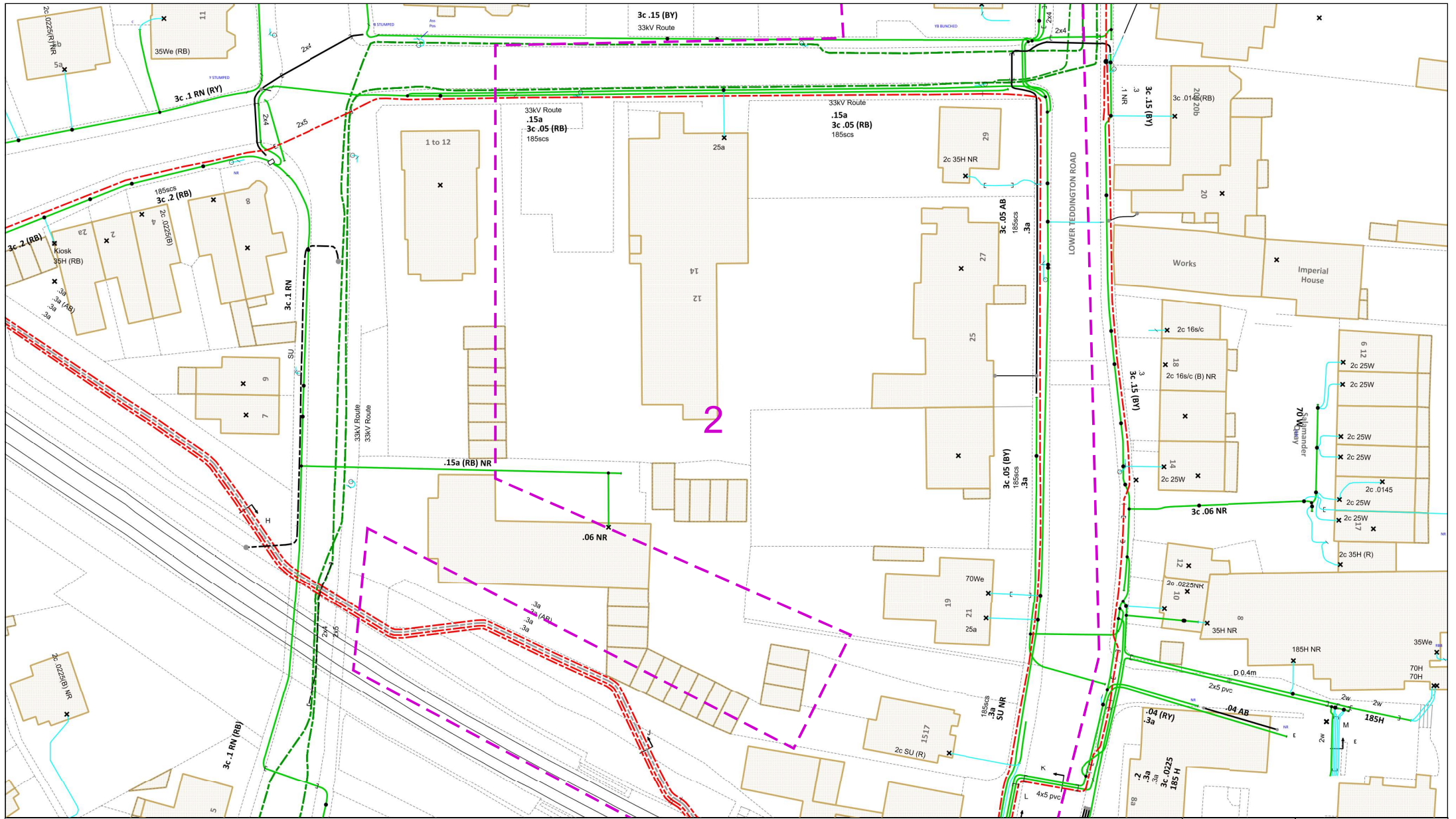


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 EMERGENCY - If you
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 (24hrs) URGENTLY

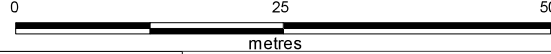


ALWAYS LOOK UP
 BEFORE
 YOU START WORK
 Refer to HSE
 Guidance note GS6

Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.



2



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

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4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.
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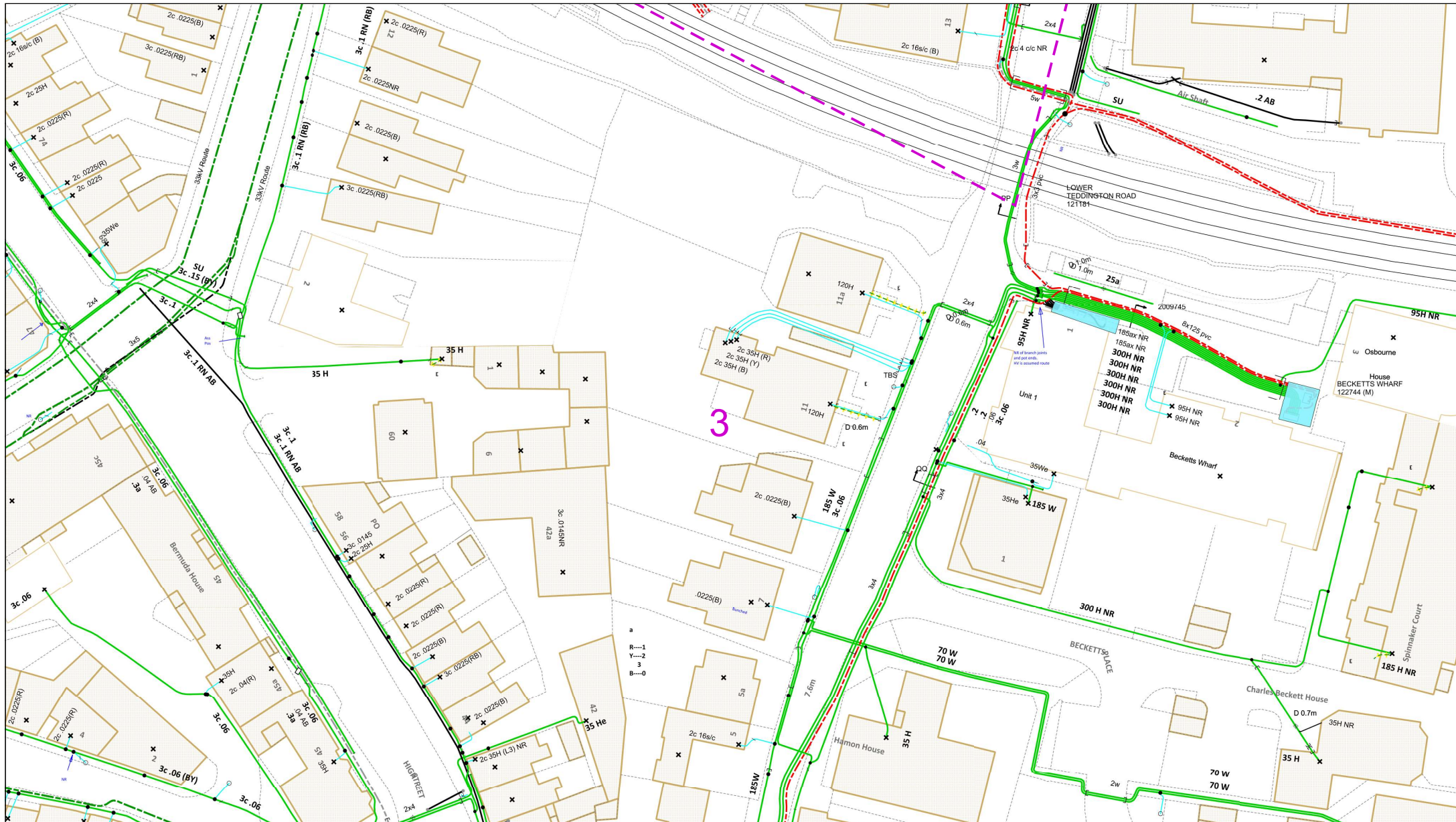


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10.2. BT Asset Map

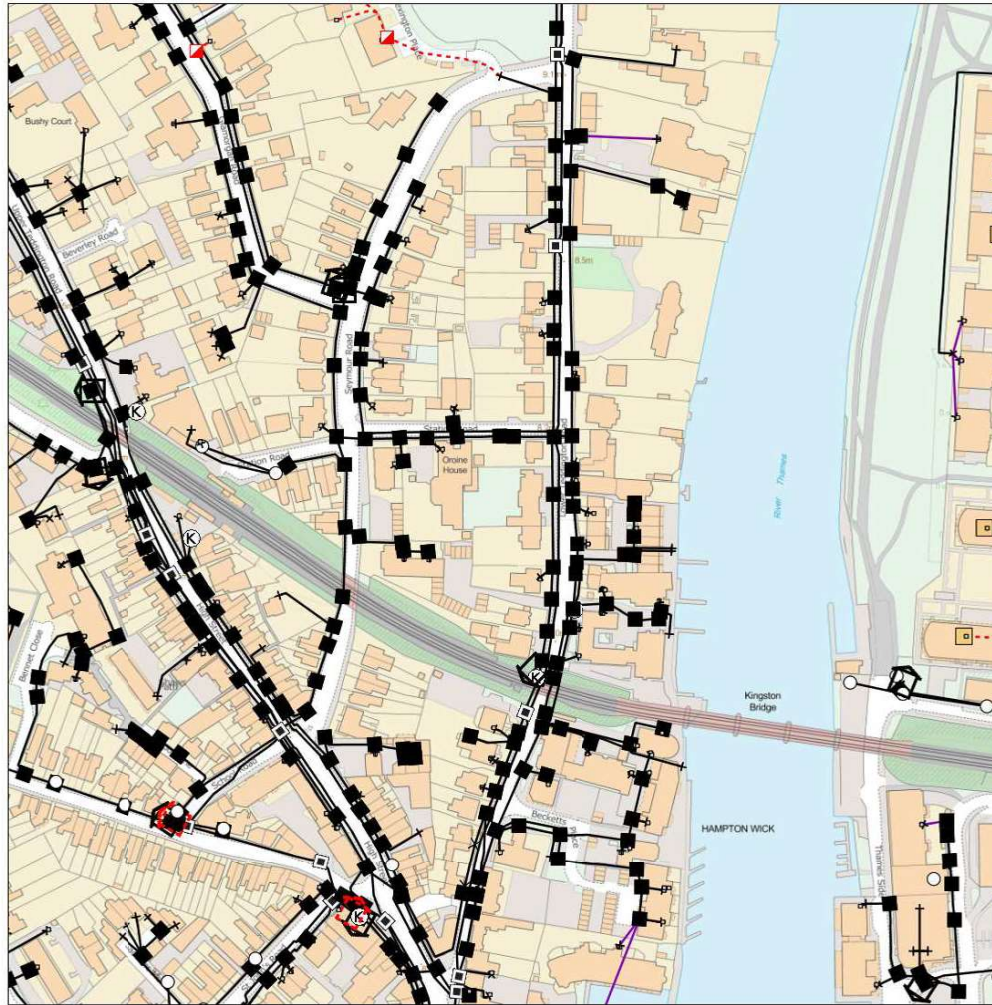
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Maps by email Plant Information Reply



IMPORTANT WARNING

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



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(Office hours: Monday - Friday 08.00 to 17.00)
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KEY TO BT SYMBOLS

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

BT Ref : WZE11102R
Map Reference : (centre) TQ1760669747
Easting/Northing : (centre) 517606,169747
Issued : 04/12/2018 11:11:05

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

19-29 Lower Teddington Road, Hampton Statutory Services Report

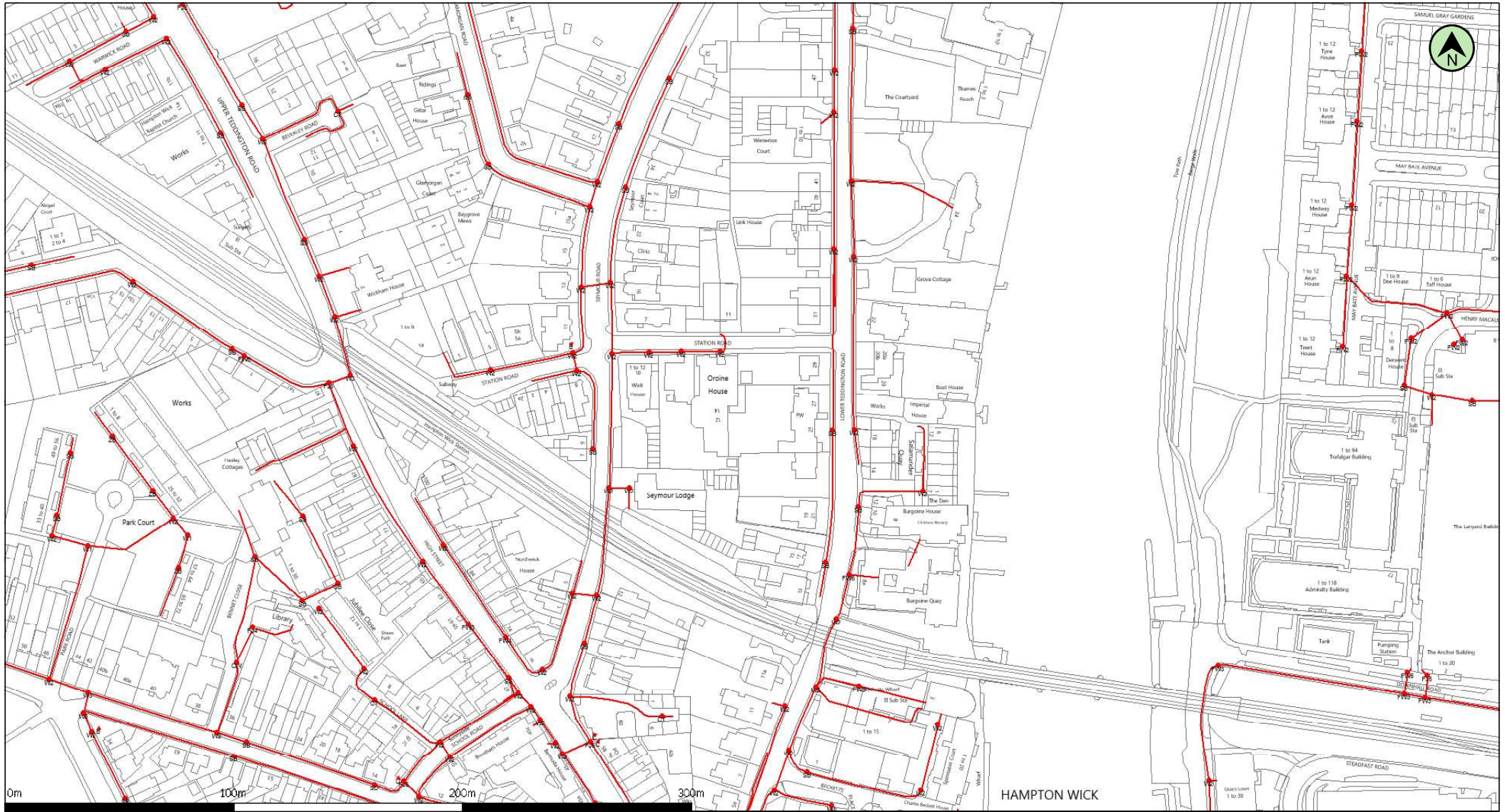
10.3. Virgin Media Asset Map

Date: 14th December 2018

Revision: Rev 1

Ref: 5412-CBC-DH-RP-U-001

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Date: 26/11/18

Scale: 1:2357

Map Centre: 517594,169756

Data updated: 01/11/18

Telecoms Plan A4

Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2018 Ordnance Survey 100019209.

Duct, Trench



Chamber



Cabinet



chilakala.apsar@virginmedia.co.uk

VM.1121814



19-29 Lower Teddington Road, Hampton Statutory Services Report

10.4. Vodafone Asset Map

Date: 14th December 2018

Revision: Rev 1

Ref: 5412-CBC-DH-RP-U-001

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Legend

- Underground Utility Box.Location Act., T01
- Underground Route.Route Act. - Owned
- Underground Route.Route Act. - Leased
- Underground Route.Route Act. - Third Party



Vodafone Limited (No01471587) registered office is at Vodafone House, The Connection, Newbury, Berkshire, RG142FN

Plot Date : 28/11/2018 Scale : 1:1250

This plan shows apparatus owned by members of the Vodafone Group of companies (including legacy telecommunication companies currently within the group)

Information with regard to such apparatus should always be obtained from Vodafone or its appointed agents.



19-29 Lower Teddington Road, Hampton

Statutory Services Report

10.5. Thames (Water Mains) Asset Map

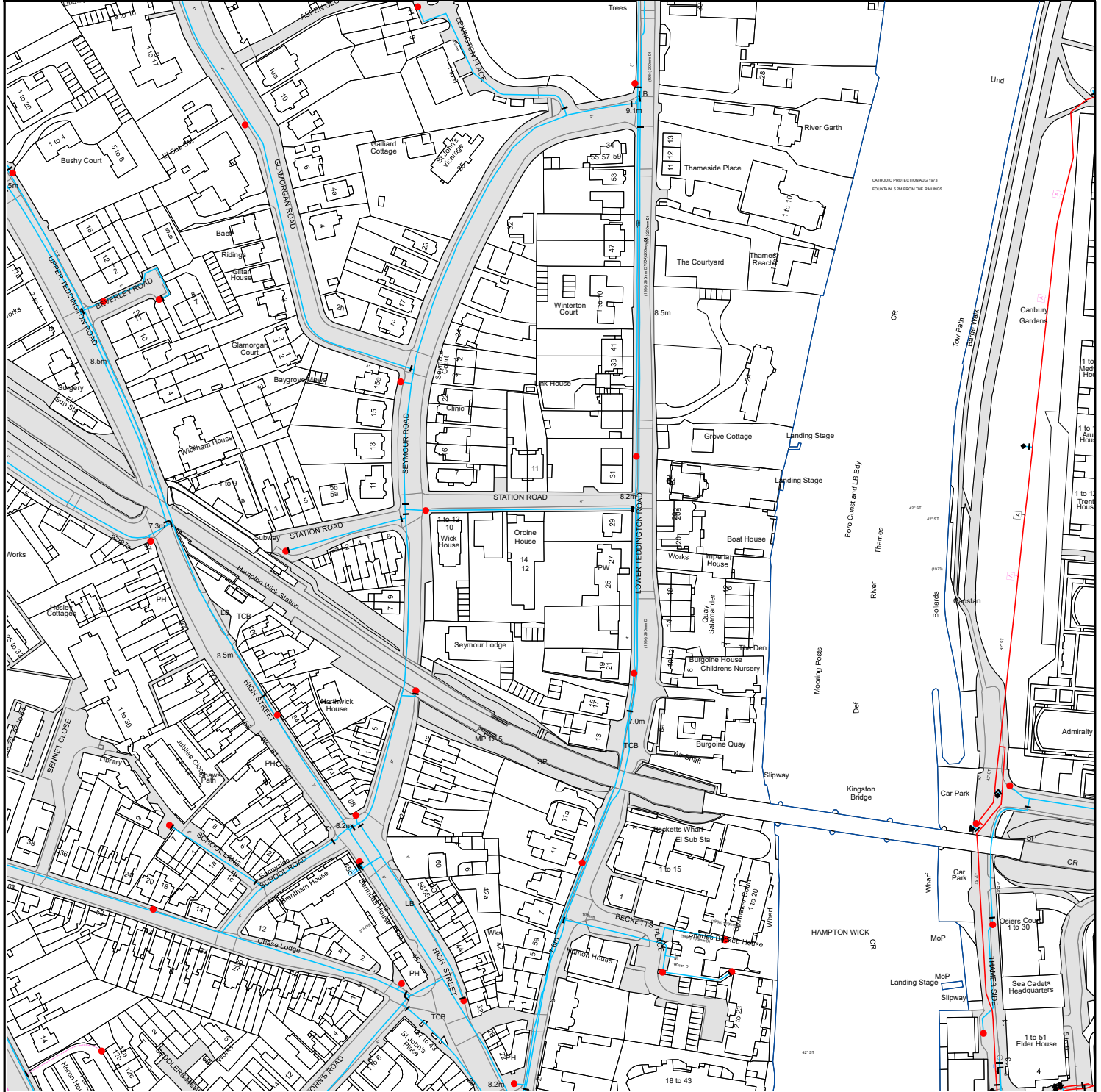
Date: 14th December 2018

Revision: Rev 1

Ref: 5412-CBC-DH-RP-U-001

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Asset Location Search Water Map - ALS/ALS Standard/2018_3914285



The width of the displayed area is 500 m and the centre of the map is located at OS coordinates 517591, 169764.

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

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19-29 Lower Teddington Road, Hampton Statutory Services Report

10.6. Thames Water (Sewers) Asset Map

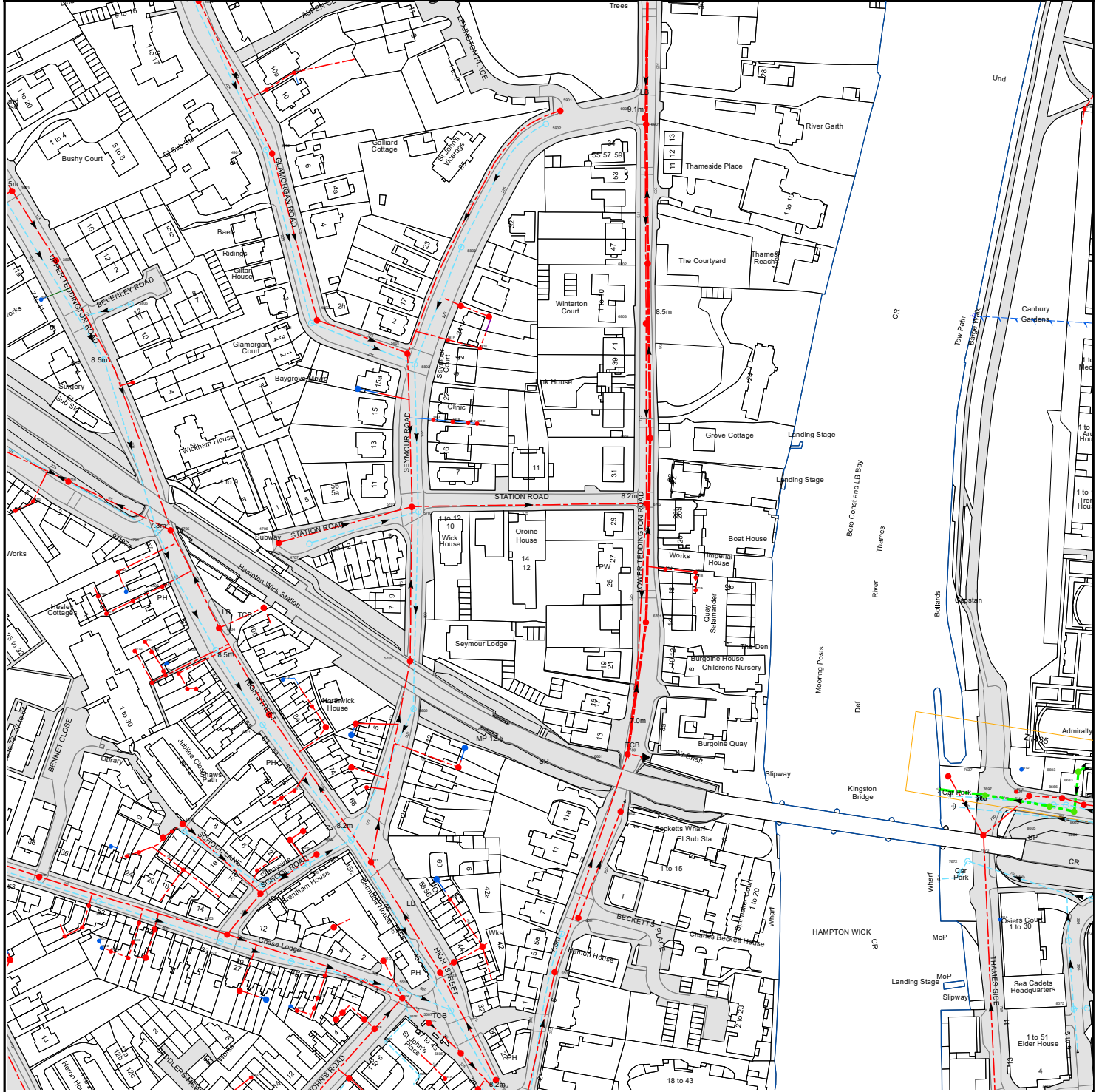
Date: 14th December 2018

Revision: Rev 1

Ref: 5412-CBC-DH-RP-U-001

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Asset Location Search Sewer Map - ALS/ALS Standard/2018 3914285



The width of the displayed area is 500 m and the centre of the map is located at OS coordinates 517591,169764

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

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19-29 Lower Teddington Road, Hampton Statutory Services Report

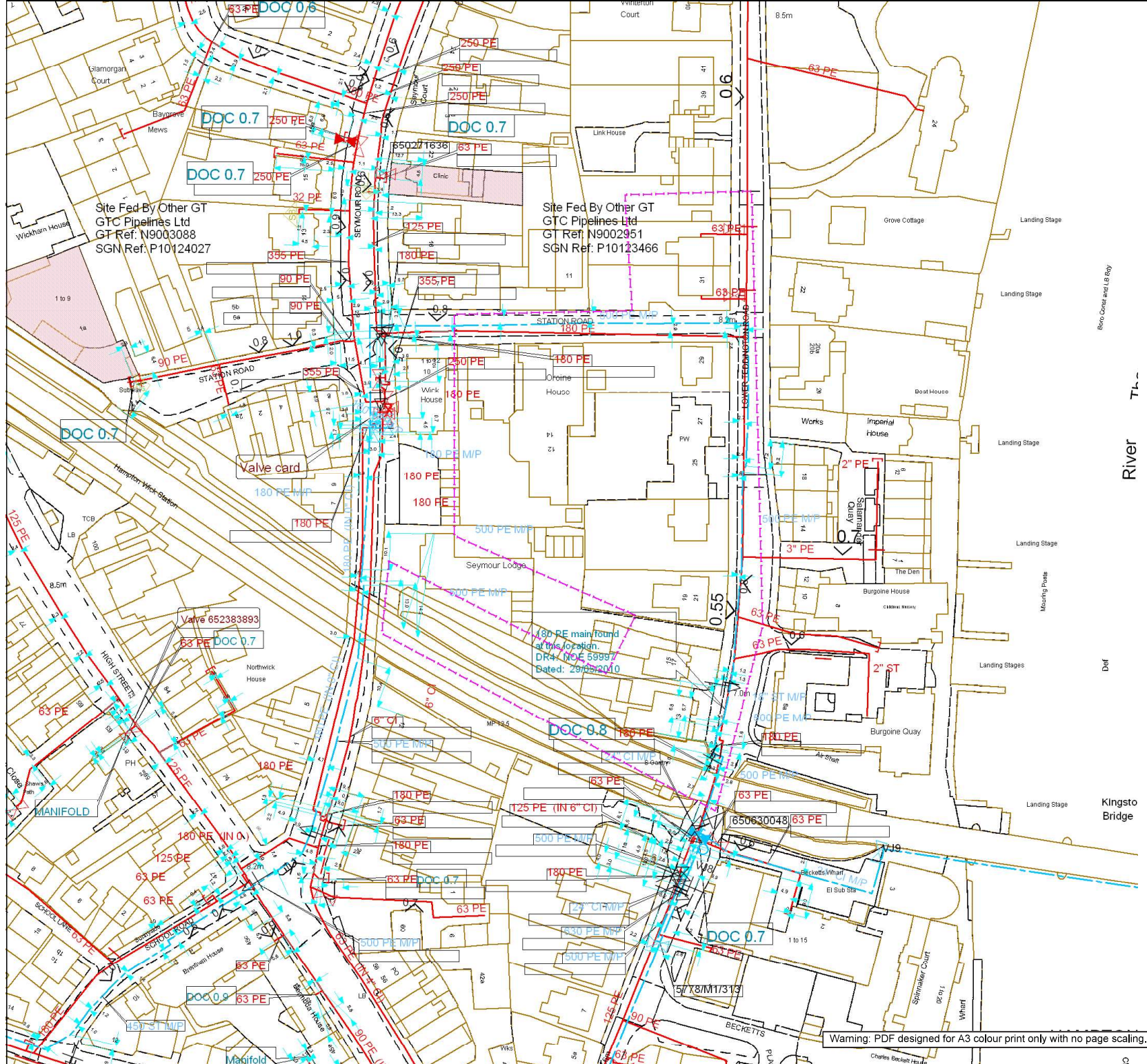
10.7. Southern Gas Networks Asset Map

Date: 14th December 2018

Revision: Rev 1

Ref: 5412-CBC-DH-RP-U-001

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Contact Us
Mapping Enquiries: All areas
General Enquiries: All areas

Date Requested: 04/12/2018
 Job Reference: 14231936
 Site Location: 517584 169736
 Requested by: Mr David Gunn
 Your Scheme/Reference: 22945
 Exact Scales:
 1:1000 Area or Circle dig site
 1:1000 Line dig site

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

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

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

Some Examples Of Plant Items
 Valve Syphon Depth of Cover Diameter Change Material Change

Digsite: Line: Area:



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

19-29 Lower Teddington Road, Hampton

Statutory Services Report

10.8. GTC (Ancillary Gas Provider) Map Detailing Existing Flat Gas Mains

Date: 14th December 2018

Revision: Rev 1

Ref: 5412-CBC-DH-RP-U-001

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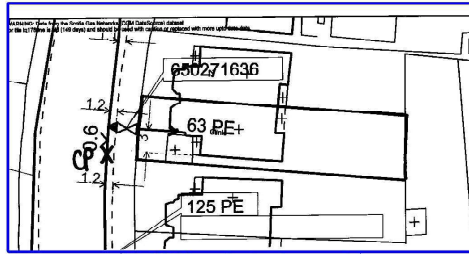
The information shown upon this plan is the property of British Gas and is to be held in the strictest confidence by the recipient. NO COPY is to be made without the written permission of British Gas.

EXISTING PLANT AND EQUIPMENT

The information shown upon this plan is given without obligation or warranty. The accuracy thereof cannot be guaranteed. Where service pipes are not shown their presence should be anticipated. No liability of any kind whatsoever is accepted by British Gas or its agents or servants for any error or omission. The actual position of mains and services must be verified and established before any mechanical plant is used or excavation undertaken.

DO NOT SCALE OFF THIS DRAWING

**BGNHC
CONSTRUCTION
DRAWING**
IMPORTANT NOTICE
THIS SITE OPERATES AT LOW PRESSURE



The CSEP Connection shown is a proposed design only. Please refer to the owner of the Upstream Network for details of the Final As-Built drawing of the CSEP Connection

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MATERIAL SPECIFICATION FOR LOW PRESSURE & MEDIUM PRESSURE FE MAINS

PIPE & FITTINGS
PE 100 (MDPE) pipes and fittings to Gas Industry Divided (formerly National Grid Specifications):

GISPEL2-2006 Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas
Part 2: Pipes for use at pressures up to 5.5 bar
Part 4: Fusion fittings with integral loading element
Part 6: Spigot and fittings for electrofusion under butt fusion purposes

GISR1-2006 Specification for self-anchoring mechanical fittings for natural gas and suitable manufactured gas
GISR2-2006 Specification for main sealing plugs and service connection fittings for use at pressures not greater than 2 bar

GISW4-2007 Specification for service isolation valves up to 50mm diameter for use up to 7 bar maximum operating pressure

GISV1-2006 Specification for distribution valves
Part 1: Metal-bodied line valves for use at pressures up to 16 bar and construction valves for use at pressures up to 7 bar
Part 2: Plastic-bodied valves of sizes up to and including 100mm suitable for operation at pressures not exceeding 5.5 bar

DUCTING PROVISION FOR GAS MAINS/SERVICE ROAD CROSSINGS

Important: Ducting can only be used for perpendicular carriageway crossings.

Only one pipe is allowed per duct

For Service Pipe the duct must be yellow and perforated along its entire length.

Note: DG4092 is a suitable standard for plastic ducting.

The table below provides information on duct sizes

PE PIPE SIZE	MINIMUM DUCT SIZE
32mm	60mm (yellow perforated)
40mm	100mm
50mm	150mm
75mm	200mm
100mm	250mm

MAJOR/MINOR DESIGN VARIATION CONTROL FORM

PPS NO.	MAJOR VARIATION	INDICATOR	APPROVED	APPROVED DATE
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO

MINOR VARIATION	INDICATOR	APPROVED	APPROVED DATE	
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
00002006	Variation Details	Name	YES	NO
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00002006	Variation Details	Name	YES	NO

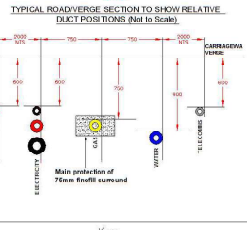
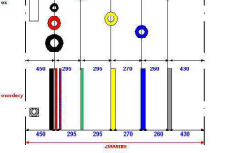
NOTE
SPECIFICALLY EXCLUDES ANY WORKS BY BRITISH GAS FOR THE DIVERSION, ALTERATION OR MAKING DEAD OF ANY TRANSCO, OTHER PGT OWNED GAS DISTRIBUTION INFRASTRUCTURE ON THE SITE IF IN DOUBT PLEASE SEEK ADVICE.

NOTE
GAS METER POSITIONS SHOWN ARE INDICATIVE ONLY. SEMI CONCEALED METER BOXES SHALL NOT OBSTRUCT FOOTPATHS, PASSAGE WAYS, DRIVES OR BE A TRIP HAZARD. ANY POSITION WHERE DAMAGE COULD OCCUR SHALL BE AVOIDED. IF IN DOUBT PLEASE SEEK ADVICE.

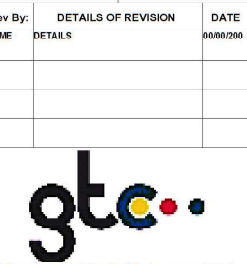
NOTE
GAS METER POSITIONS SHOWN ARE INDICATIVE ONLY. BUILT-IN-CAVITY, SURFACE MOUNTED METER BOXES TO BE INSTALLED IN ACCESSIBLE LOCATIONS. ANY POSITION WHERE DAMAGE, ESPECIALLY VEHICULAR SHALL BE AVOIDED. IF IN DOUBT PLEASE SEEK ADVICE.

CDM STATEMENT:
Any information given on this plan must be used only in conjunction with the Construction Health and Safety Plan prepared by the Principal Contractor. The Planning Supervisor must be consulted before any construction work commences. Any changes in design, or conditions arising or information becoming known at a later date that may adversely impact upon health and safety of any person, must be notified to the Planning Supervisor and Principal Contractor as soon as possible.

NOTES



Revised By:	DETAILS OF REVISION	DATE
NAME	DETAILS	00/00/2000



Network or part thereof to be owned and operated by the GTC Pipelines Limited on commissioning
Network: N9002951-1
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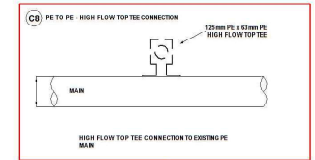
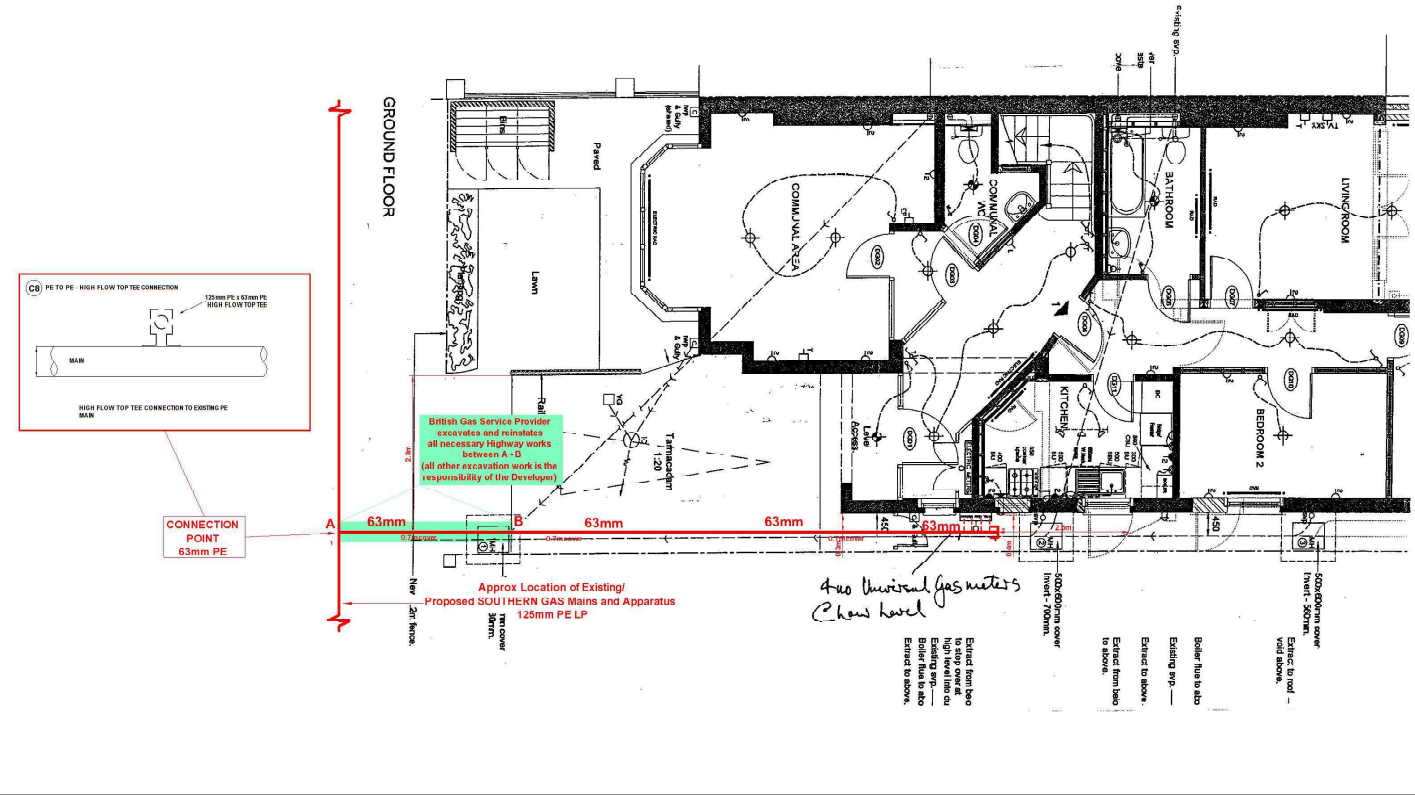
Design and constructed by **British Gas**
30 The Causeway
Staines
Middlesex
TW19 3BY

Tel No: 0800 072 5320
Design Copyright © Crown use

PROJECT
Flats 1-4, 20 Seymour Road,
Kingston Upon Thames,
Surrey KT1 4HW

TITLE:
GAS LAYOUT

DATE: 09/03/2010	SCALE: 1:50
DESIGNED BY: Aved Shah	DRAWN BY: Aved Shah
APPROVED BY: Jeff Hewitt	
DRAWING NO: PPS44447-A1-001	SHEET SIZE: A1



CONNECTION POINT
63mm PE

British Gas Service Provider
excavates and reinstates all necessary Highway works between A-B (all other excavation work is the responsibility of the Developer)

Extract from below
No stop over in
Existing spigot
Boiler flues to also
Extract to above

19-29 Lower Teddington Road, Hampton Statutory Services Report

10.9. Network Rail Asset Map

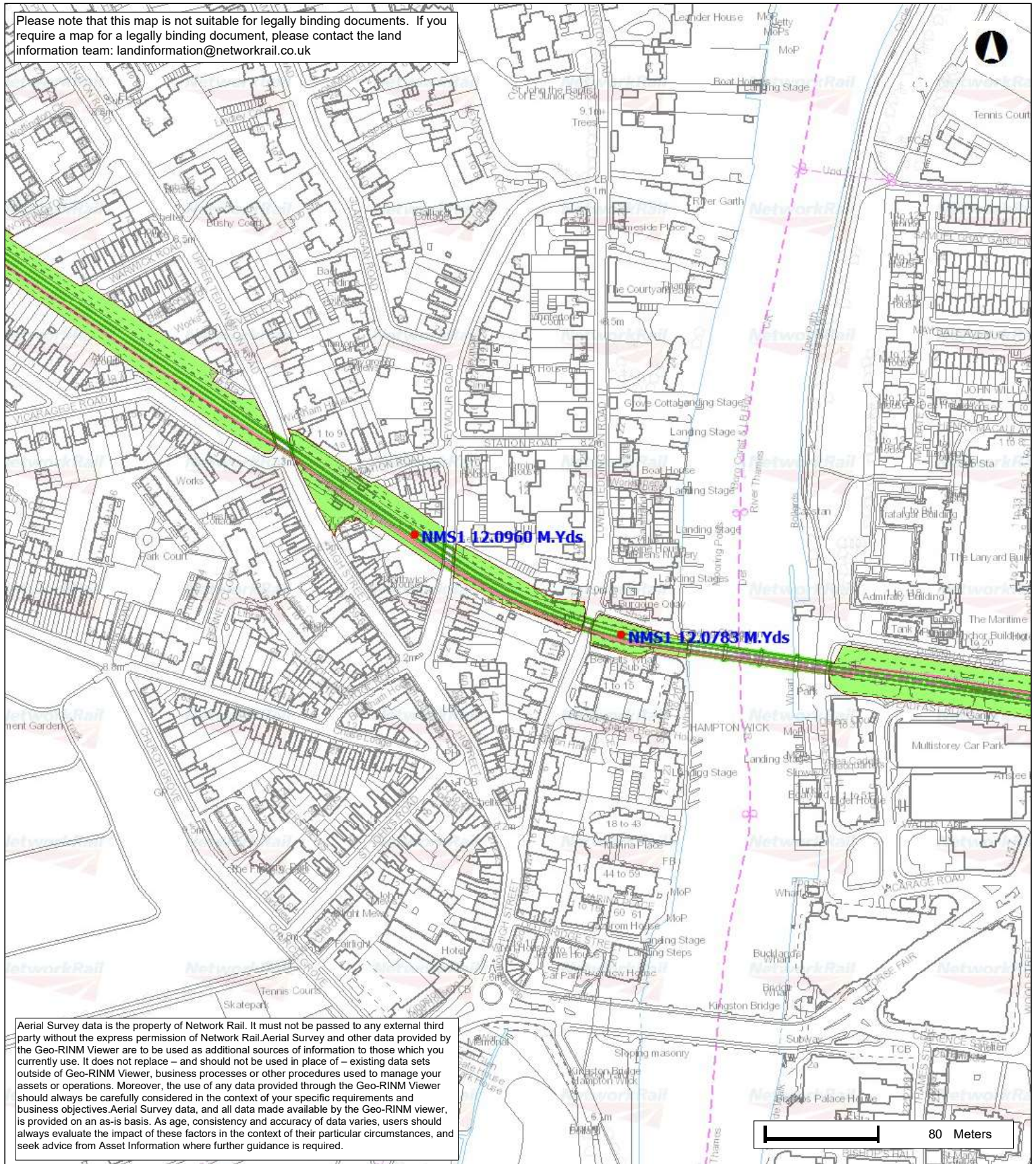
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Please note that this map is not suitable for legally binding documents. If you require a map for a legally binding document, please contact the land information team: landinformation@networkrail.co.uk



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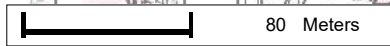
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 The Five Mile Line diagrams are copyright of Waterman Civils and must not be passed to any third party.



Legend

Track Link	Structure, Triangulation Point Or	Building Overhead	Validate General Feature	Political Or Administrative, Parliamentary
Points	Terrain And Height, Spot Height	General Feature Edge	Rail	Historic Cable Route
General Feature, Positioned Coniferous Tree	Bench Mark	General Feature	Mean High Water	Company Ownership
General Feature, Positioned Nonconiferous Tree	Boundary Half Mereing	General Feature Underground	Mean High Water	Freehold Ownership
Historic Interest, Structure	Direction of Flow	Top of Slope	Mean Low Water	Leasehold Ownership
Inland Water, Culvert	Switch	Bottom of Slope	Mean Low Water	Bridge (Rail over Rail)
Political Or Administrative, Bound Post Or Stone	Road Related Flow	Bottom of Slope	Boundaries	Bridge (Rail over River)
Rail, Structure	Line Features	Narrow Gauge Railway	Political Or Administrative, Coun	Bridge (Rail over Road)
Roadside, Structure	Building	Standard Gauge Railway	Political Or Administrative, Distri	Bridge (Road over Rail)
Structure	Building	Overhead Construction	Political Or Administrative, Elect	Level Crossing
			Political Or Administrative, Paris	Tunnel



SET192309	
Stn Rd & Lower Teddington Rd, Hampton	
Scale	1 : 2,500
Plot Date	10/12/18 14:55
Printed By	SE9
Output created from GeoRINM Viewer	

19-29 Lower Teddington Road, Hampton Statutory Services Report

12.0. Local Council Asset Map

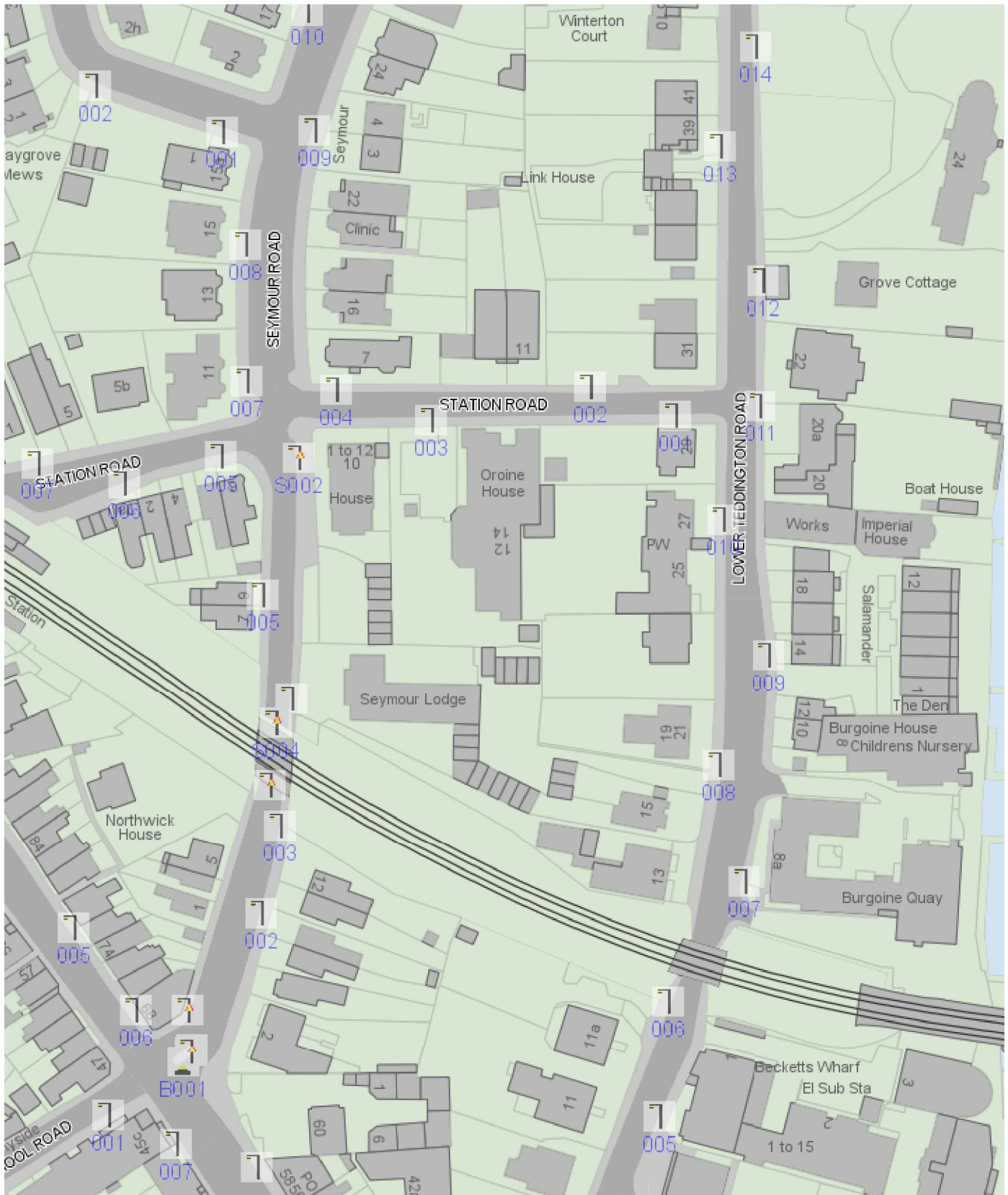
Date: 14th December 2018

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Map Extract



<--enter your text here e.g. address etc--> Produced by LB Richmond MapAll

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Printed on: 12-Dec-2018 Centre of map: [517579.25901416,169739.24739836]

London Borough of Richmond upon Thames, Civic Centre, 44 York Street, Twickenham, TW1 3BZ Telephone 020 8891 1411 www.richmond.gov.uk

