



The People's Project

Bramley-Moore Dock
Desk Top Utilities Search
December 2019

GROUNDWISE

Groundwise Searches Limited

Suite 8 Chichester House,
45 Chichester Road, Southend-on-Sea,
Essex, SS1 2JU
Telephone 01702 615566
Fax 01702 460239
mail@groundwise.com
www.groundwise.com

Mr Steve Macey
Buro Happold Ltd
Camden Mill
Lower Bristol Road
Bath
BA2 3DQ

Client Ref:
Our ref: 18419DM

Purchase Order: 035533
9 August, 2016

Dear Mr Macey

Site: Bramley Moor Dock, Liverpool, L3 0AP(approx)
Grid reference: 333455,392427

Please find enclosed information for the Utility Report on the above site.

Affected Utilities

The following utilities have provided details of their network. Refer to the enclosed plans and notes for further information.

Data Supplier	Type	Date Received	Sent to client	Map(s)
SP Power	Electricity	02/08	02/08	X
National Grid Gas	Gas	02/08	02/08	X
United Utilities	Water Mains	02/08	02/08	X
United Utilities	Water Sewers	02/08	02/08	X
BT	Telecoms	02/08	02/08	X
Vodafone	Telecoms	02/08	02/08	X
Virgin Media	Telecoms	02/08	02/08	X
Instalcom	Telecoms	02/08	02/08	X

Unaffected Utilities

The following utilities have notified us that their apparatus are not present.

Data Supplier	Type	Date Received	Sent to client	Map(s)
Energetics	Electricity/Gas	02/08	02/08	
GTC	Gas	02/08	02/08	
SSE	Gas/Telecom/Electric	02/08	02/08	
BSKYB	Telecoms	02/08	02/08	
Colt	Telecoms	02/08	02/08	
Transmitters (DAB / Freeview / FM MW LW)	Masts	02/08	02/08	
Verizon	Telecoms	02/08	02/08	
OFCOM	Mobile Phone Bases	02/08	02/08	
Trafficmaster	Telecoms	02/08	02/08	
EU Networks	Telecoms	02/08	02/08	
CityFibre	Telecoms	02/08	02/08	
Network Rail	Rail	02/08	02/08	
Interoute (formerly Vtesse)	Telecoms	02/08	02/08	
Plancast (Interoute enquiries)	Telecoms	02/08	02/08	
LinesearchbeforeUdig	Various	02/08	02/08	
Hibernia	Telecoms	04/08	04/08	
McNicholas - TATA	Telecoms	09/08	09/08	
McNicholas - KPN	Telecoms	09/08	09/08	

Awaiting Information

We are currently awaiting information from the following utilities.

Data Supplier	Type	Date Received	Chased	Map(s)
---------------	------	---------------	--------	--------

Yours sincerely

Debbie Miller
Groundwise Searches Ltd
Email: dmiller@groundwise.com

LOOK OUT! LOOK UP!

Follow the advice in HSE Guidance Note GS6
'Avoidance of Danger from Overhead Electric Power Lines'



Keep overhead lines in view when unloading



Carry long objects in a horizontal position near overhead lines



Don't tip under overhead lines and don't drive along with tipper raised



Check falling distance before felling trees



Check maximum height and reach of your own and contractors machinery



Look out for the Danger of Death sign – it means what it says. If in doubt contact us for free safety advice.

** Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone.*

Visit: www.spenergynetworks.com

Email: customer.care@sppowersystems.com

General Network Enquiries (England, Wales & Scotland): 0845 273 4444 / 0330 10 10 444

Power Loss & Emergencies (England & Wales): 0800 001 5400 / 0330 10 10 400

Power Loss & Emergencies (Scotland): 0800 092 9290 / 0330 10 10 222



WATCH OUT! THERE'S A CABLE ABOUT!

Follow the advice in HSE Guidance
Note HSG47 'Avoiding Danger from
Underground Services'

REMEMBER

Houses, offices, shops, factories and street furniture all have electric cables supplying them.

CHECK PLANS

Ensure current cable records are on site.

Carry out a risk assessment in accordance with HSG47.

Be aware that not all cables are shown on plans.



USE CABLE LOCATIONS

Before every use of CAT and Genny make sure they are calibrated and working properly.

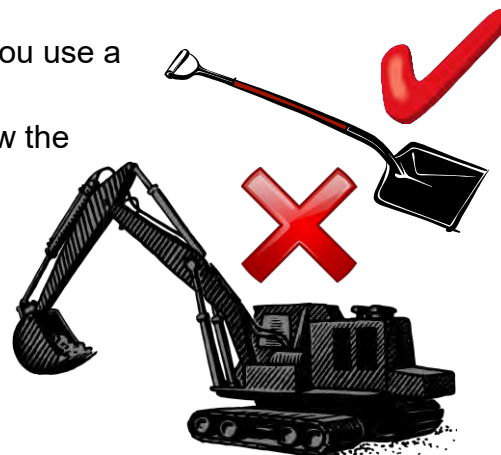
Check plans by tracing cables and marking their position using paint, crayon, chalk or pegs.

Always scan the area you intend to excavate before you start to dig.



NOW DIG SAFELY

- ❗ Hand-dig trial holes to find the exact position of cables **before** you use a mechanical excavator.
- ❗ Be aware that cables can be found at any depth, even just below the surface.
- ❗ If you find a cable embedded in concrete **do not** attempt to break it out. Contact us to ensure it is de-energised.
- ❗ If you cannot find cables shown on the plans **never assume** they are not there – contact us.
- ❗ If you damage a cable vacate the excavation, immediately phone out emergency number and keep everybody clear.



Visit www.spenergynetworks.com/safety/saferexcavations or
contact us for free safety advice

** Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone.*

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Customer Connections

Connections to SP Energy Networks (Manweb Area) electricity network

Diversions

Diversions and protection of SP Energy Networks (Manweb Area) overhead lines & underground cables

For either of the above services:

Tel: 0845 270 0783

e-mail: GettingConnected@scottishpower.com

Post: SP Energy Networks, Customer Connections, PO Box 290, Liverpool, L13 7WX

Disconnections

If you wish an electricity supply to be permanently disconnected you will need to contact your electricity supplier. You will find the details on your electricity account. The details for Scottish Power are:

ScottishPower
Electricity Disconnections
1st Floor Main Building
Cathcart Business Park
Spean Street
Glasgow
G44 4BE

Telephone: 0141 272 6068

Fax: 0141 568 4744

Emergency Disconnections: 0800 001 5400 or 0330 10 10 400

Land Agreements

Wayleaves, Easements and Substation Licences:

Tel: 01978 83 2297

e-mail: wayleavessouth@sppowersystems.com

Post: SP Energy Networks, Wayleaves Dept, Wrexham Rd, Pentre Bychan, Wrexham, LL14 4DU

Faults, Emergencies & Enquiries relating to exposed cables:

Tel: 0800 001 5400 or 0330 10 10 400

Safer Excavations Website

http://www.sppowersystems.co.uk/pages/safer_excavations.asp

General Enquiries for SP Energy Networks:

Tel: 0845 273 4444 or 0330 10 10 444

Requests

When requesting electrical network plans, please:

- Provide adequate information to define your area of interest, this will help us in locating it.
- For anything more than established property (where the address may be enough), a small, clearly marked-up location plan should define the area, whilst an address, postcode, and/or grid reference will help us to find it.
- Allow **10** working days for us to process the request.

Submit requests to;

e-mail: requestforplansmanweb@spenergynetworks.co.uk

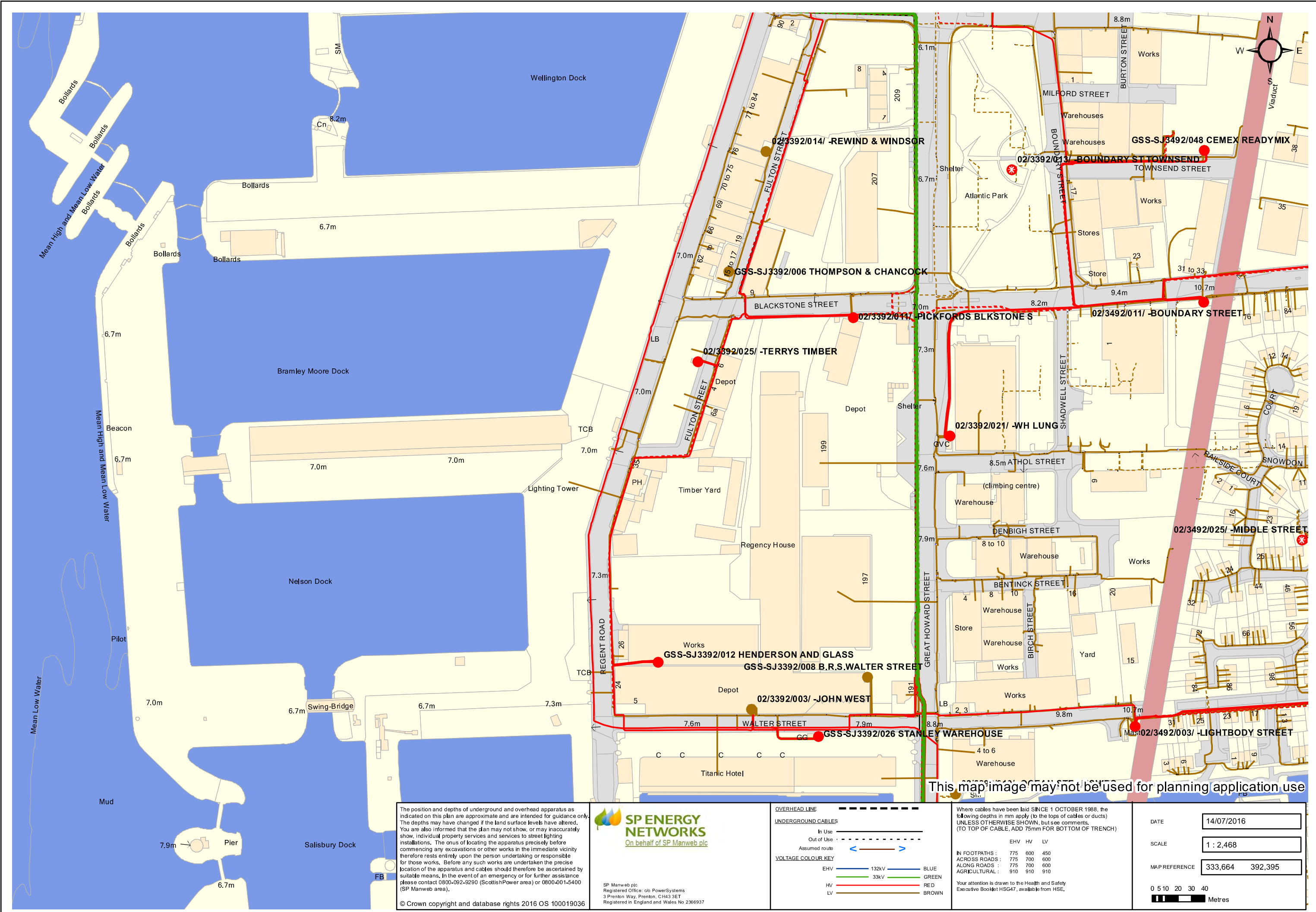
Post: SP Energy Networks, Data Management, Prenton Way, Prenton, CH43 3ET

Please submit by one medium only.

Should you require any further information please contact us on **0141 614 5666**.



Note: * Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone.



The position and depths of underground and overhead apparatus as indicated on this plan are approximate and are intended for guidance only. The depths may have changed if the land surface levels have altered. You are also informed that the plan may not show, or may inaccurately show, individual property services and services to street lighting installations. The onus of locating the apparatus precisely before commencing any excavations or other works in the immediate vicinity therefore rests entirely upon the person undertaking or responsible for those works. Before any such works are undertaken the precise location of the apparatus and cables should therefore be ascertained by suitable means. In the event of an emergency or for further assistance please contact 0800-092-9290 (ScottishPower area) or 0800-001-5400 (SP Manweb area).

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SP Manweb plc
Registered Office: c/o PowerSystems
3 Prenton Way, Prenton, CH43 3ET
Registered in England and Wales No 2366937

OVERHEAD LINE	
UNDERGROUND CABLES	
In Use	—
Out of Use	- - -
Assumed route	<— >
VOLTAGE COLOUR KEY	
EHV	132kV BLUE
	33kV GREEN
HV	RED
LV	BROWN

Where cables have been laid SINCE 1 OCTOBER 1988, the following depths in mm apply (to the tops of cables or ducts) UNLESS OTHERWISE SHOWN, but see comments. (TO TOP OF CABLE, ADD 75mm FOR BOTTOM OF TRENCH)			
	EHV	HV	LV
IN FOOTPATHS :	775	600	450
ACROSS ROADS :	775	700	600
ALONG ROADS :	775	700	600
AGRICULTURAL :	910	910	910
Your attention is drawn to the Health and Safety Executive Booklet HSG47, available from HSE.			

DATE	14/07/2016
SCALE	1 : 2,468
MAP REFERENCE	333,664 392,395
0 5 10 20 30 40 Metres	



Henry Williams
Groundwise Searches Ltd
Suite 8 Chichester House
45 Chichester Road
Southend on Sea
Essex
SS1 2JU

Plant Protection
National Grid
Block 1; Floor 1
Brick Kiln Street
Hinckley
LE10 0NA
E-mail: plantprotection@nationalgrid.com
Telephone: +44 (0)800 688588

National Grid Electricity Emergency Number:
0800 40 40 90*

National Gas Emergency Number:
0800 111 999*

* Available 24 hours, 7 days/week.
Calls may be recorded and monitored.

www.nationalgrid.com

Date: 14/07/2016
Our Ref: NW_TW_Z2_3SWX_252250
Your Ref: 18419DM
RE: Proposed Works, Bramley Moor Dock

Thank you for your enquiry which was received on 14/07/2016.
Please note this response and any attached map(s) are valid for 28 days.

An assessment has been carried out with respect to National Grid Electricity Transmission plc's and National Grid Gas plc's apparatus. Please note it does not cover the items listed in the section "Your Responsibilities and Obligations", including gas service pipes and related apparatus.

For details of National Grid's network areas please see the National Grid website
(<http://www.nationalgrid.com/uk/Gas/Safety/work/>) or the enclosed documentation.

As your works are at a "proposed" stage, any maps and guidance provided are for information purposes only. This is not approval to commence work. You must submit a "Scheduled Works" enquiry at the earliest opportunity and failure to do this may lead to disruption to your plans and works. National Grid will endeavour to provide an initial assessment within 14 days of receipt of a Scheduled Works enquiry and dependent on the outcome of this, further consultation may be required.

In any event, for safety and legal reasons, works must not be carried out until a Scheduled Works enquiry has been completed and final response received.

Your Responsibilities and Obligations

The "Assessment" Section below outlines the detailed requirements that must be followed when planning or undertaking your scheduled activities at this location.

It is your responsibility to ensure that the information you have submitted is accurate and that all relevant documents including links are provided to all persons (either direct labour or contractors) working for you near National Grid's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

This assessment solely relates to National Grid Electricity Transmission plc (NGET) and National Grid Gas plc (NGG) apparatus. This assessment does **NOT** include:

- National Grid's legal interest (easements or wayleaves) in the land which restricts activity in proximity to National Grid's assets in private land. You must obtain details of any such restrictions from the landowner in the first instance and if in doubt contact National Grid.
- Gas service pipes and related apparatus
- Recently installed apparatus
- Apparatus owned by other organisations, e.g. other gas distribution operators, local electricity companies, other utilities, etc.

It is **YOUR** responsibility to take into account whether the items listed above may be present and if they could be affected by your proposed activities. Further "Essential Guidance" in respect of these items can be found on the National Grid Website (<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=8589934982>).

This communication does not constitute any formal agreement or consent for any proposed development work; either generally or with regard to National Grid's easements or wayleaves nor any planning or building regulations applications.

NGG and NGET or their agents, servants or contractors do not accept any liability for any losses arising under or in connection with this information. This limit on liability applies to all and any claims in contract, tort (including negligence), misrepresentation (excluding fraudulent misrepresentation), breach of statutory duty or otherwise. This limit on liability does not exclude or restrict liability where prohibited by the law nor does it supersede the express terms of any related agreements.

If you require further assistance please contact the National Grid Plant Protection team via e-mail ([click here](#)) or via the contact details at the top of this response.

Yours faithfully

National Grid Plant Protection Team

ASSESSMENT

Affected Apparatus

The National Grid apparatus that has been identified as being in the vicinity of your proposed works is:

- High or Intermediate pressure (above 2 bar) Gas Pipelines and associated equipment
- Low or Medium pressure (below 2 bar) gas pipes and associated equipment. (As a result it is highly likely that there are gas services and associated apparatus in the vicinity)
- Above ground gas sites and equipment

Requirements

BEFORE carrying out any work you must:

- **Note the presence of an Above Ground Installation (AGI) in proximity to your site. You must ensure that you have been contacted by National Grid prior to undertaking any works within 10m of this site.**
- Carefully read these requirements including the attached guidance documents and maps showing the location of National Grid apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe National Grid's legal rights (i.e. easements or wayleaves). If the works are in the road or footpath the relevant local authority should be contacted.
- Ensure that all persons, including direct labour and contractors, working for you on or near National Grid's apparatus follow the requirements of the HSE Guidance Notes HSG47 - 'Avoiding Danger from Underground Services' and GS6 – 'Avoidance of danger from overhead electric power lines'. This guidance can be downloaded free of charge at <http://www.hse.gov.uk>
- In line with the above guidance, verify and establish the actual position of mains, pipes, cables, services and other apparatus on site before any activities are undertaken.

GUIDANCE

High Pressure Gas Pipelines Guidance:

If working in the vicinity of a high pressure gas pipeline the following document must be followed: 'Specification for Safe Working in the Vicinity of National Grid High Pressure Gas Pipelines and Associated Installations - Requirements for Third Parties' (SSW22). This can be obtained from:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=33968>

Dial Before You Dig Pipelines Guidance:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=33969>

Excavating Safely - Avoiding injury when working near gas pipes:

http://www.nationalgrid.com/NR/rdonlyres/2D2EEA97-B213-459C-9A26-18361C6E0B0D/25249/Digsafe_leaflet3e2finalamends061207.pdf

Standard Guidance

Essential Guidance document:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=8589934982>

General Guidance document:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=35103>

Excavating Safely in the vicinity of gas pipes guidance (Credit card):

<http://www.nationalgrid.com/NR/rdonlyres/A3D37677-6641-476C-9DDA-E89949052829/44257/ExcavatingSafelyCreditCard.pdf>

Excavating Safely in the vicinity of electricity cables guidance (Credit card):

<http://www.nationalgrid.com/NR/rdonlyres/35DDEC6D-D754-4BA5-AF3C-D607D05A25C2/44858/ExcavatingSafelyCreditCardelectricitycables.pdf>

Copies of all the Guidance Documents can also be downloaded from the National Grid Website:

<http://www.nationalgrid.com/uk/Gas/Safety/work/downloads/>

LP MAINS	LP MAINS
LP MAINS	LP MAINS

DATE: 14/07/2016

DATA DATE: 13/0

MAP REF: SJ3392
CENTRE: 233552 20

Some examples of Plant Items:

Depth of
Cover

This plan shows those pipes owned by National Grid Gas plc in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, siphons, stub connections, etc., are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Gas plc or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(GM7, 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 this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

MAPS Plot Server Version 190

Requested by: Groundwise Searches Ltd
This plan is reproduced from or based on the OS map by National Grid Gas plc, with the sanction of the controller of HM Stationery Office.
Crown Copyright Reserved. Ordnance Survey Licence number 100024886

ENQUIRY SUMMARY

Received Date

14/07/2016

Your Reference

18419DM

Location

Centre Point: 333552, 392394

X Extent: 910

Y Extent: 555

Postcode: L3 0AP

Location Description: Bramley Moor Dock

Map Options

Paper Size: A3

Orientation: LANDSCAPE

Requested Scale: 2500

Actual Scale: 1:5000 (GAS)

Real World Extents: 2060m x 1220m (GAS)

Recipients

hwilliams@groundwise.com

Enquirer Details

Organisation Name: Groundwise Searches Ltd

Contact Name: Henry Williams

Email Address: hwilliams@groundwise.com

Telephone: 01702615566

Address: Suite 8 Chichester House, 45 Chichester Road, Southend on Sea, Essex, SS1 2JU

Description of Works

Study

Enquiry Type

Proposed Works

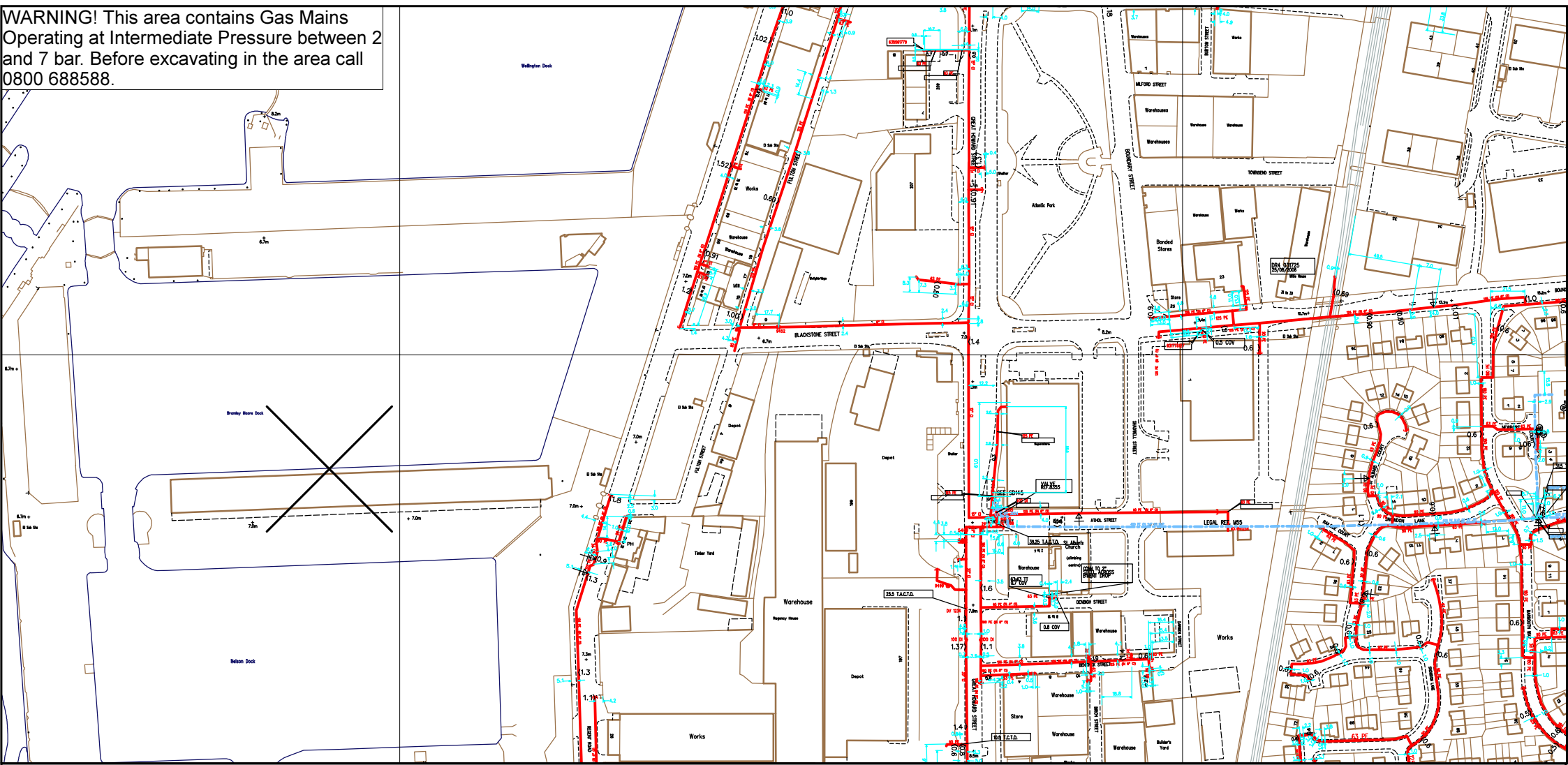
Activity Type

General Excavation

Work Types

Work Type: Plans Only

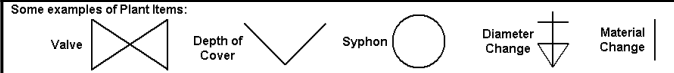
WARNING! This area contains Gas Mains Operating at Intermediate Pressure between 2 and 7 bar. Before excavating in the area call 0800 688588.



SCALE: Not to scale
USER ID: Hwilliams
DATE: 14/07/2016
EXTRACT DATE: 10/06/2016
MAP REF: SJ3392
CENTRE: 333745, 392481

Some examples of Plant Items:

- LP MAINS
- MP MAINS
- IP MAINS
- LHP MAINS
- NHP MAINS



This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Gas plc or their agents, servants or contractors for any error or omission. 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 this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.

MAPS Viewer Version 5.6.7.0

Local Machine

This plan is reproduced from or based on the OS map by National Grid Gas plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.

**Groundwise Searches Ltd
Suite 8 Chichester House
45 Chichester Road
Southend on Sea**

SS1 2JU

FAO:

Dear Sirs

Location: Bramely Moor Dock Liverpool L3 0AP

I acknowledge with thanks your request dated 14/07/16 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

If you are planning works anywhere in the North West, please read our access statement before you start work to check how it will affect our network.

<http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please telephone us on 0370 7510101.

Yours Faithfully,



Amanda Simmonds
Property Searches Manager

United Utilities Water Limited

Property Searches
Ground Floor Grasmere House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP

DX 715568 Warrington
Telephone 0370 751 0101

Property.searches@uuplc.co.uk

Your Ref: 18419
Our Ref: 16/ 1217837
Date: 18/7/2016

TERMS AND CONDITIONS - WASTERWATER & WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self-construction of water mains) (UUWL apparatus) of United Utilities Water Limited "(UUWL)".

TERMS AND CONDITIONS:

1. This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
2. This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
3. In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only and given in accordance with the best information available. The nature of the relevant system and/or its actual position may be different from that shown on the plan and UUWL is not liable for any damage caused by incorrect information provided save as stated in section 199 of the Water Industry Act 1991. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
4. The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
5. The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
6. This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
7. No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
8. If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
9. This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Extract from Map of Public Sewers

The position of underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available.

The actual positions may be different from those shown on the plan and private pipes, sewers or drains may not be recorded.

United Utilities will not accept any liability for any damage caused by the actual positions being different from those shown.

United Utilities Water Limited 2014

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LEGEND

	Water Course
	Overflow Pipe
	Sludge Main
	Highway Drain
	Combined
	Surface Water
	Foul
	Abandoned
	Public Sewer
	Private Sewer
	Section 104
	Rising Main

**Bramely Moor Dock,
Liverpool,
L3 0AP**

Printed By : Property Searches Date: 18/07/2016

DO NOT SCALE
Approximate Scale: 1:5000



The position of underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available.

United Utilities will not accept any liability for any damage caused by the actual positions being different from those shown.

The plan is based upon the Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office. Crown and United Utilities copyrights are reserved. Unauthorised reproduction will infringe these copyrights.

Proposed	Abandoned	Live
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
12	1	1
13	1	1
14	1	1
15	1	1
16	1	1
17	1	1
18	1	1
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95	1	1
96	1	1
97	1	1
98	1	1
99	1	1
100	1	1

**Bramely Moor Dock,
Liverpool,
L3 0AP**

DO NOT SCALE
Approximate Scale: 1:5000



Our Ref: 630/CHG/16

Your Ref: 18419DM

Date: 19/07/2016

National Notice Handling Centre
Network House
Goodall Street
Walsall
WS1 2HE

nnhc@openreach.co.uk

Dear Customer,

**NR & SW ACT 1991 PROPOSED WORKS AT:
Bramley Moor Dock Liverpool L3 0AP**

Prior to commencement of work: for free onsite guidance and accurate up to date location of BT plant please contact our Plant Protection Service by the following method:

Email Dial before you dig: CBYD@openreach.co.uk

Thank you for your correspondence describing the above proposals.

Enclosed are copies of our drawing marked up to show the approximate locations of BT apparatus, which is present in the immediate vicinity of your works.

It 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 made near to British Telecommunications plc apparatus which may exist at various depths and may deviate from the marked route.

To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of British Telecommunications plc plant.

If scaffolding is erected, please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by the scaffolding.

In the event of BT apparatus being in the area of works we recommend that your plant/vehicle crossing is either resited, or apply for a budget estimate by submitting detailed plans to the above address, these will be forwarded to the appropriate department for their comments.

Please ensure you quote our reference on any future correspondence.

Yours faithfully,

Steve Jeffries

Legend

CAUTION AREA



EQUIPMENT

TABCD FIBRE, TCODE



476R COPPER, DP

DUCT

AC AERIAL



DUCT



AC AERIAL



DUCT

STRUCTURE



CABINET SHELL



POLE



MANHOLE



CHANGE OF STATE



PROPOSED



JOINTBOX



Other proposed plant is shown using dashed lines.

BT symbols not listed above may be disregarded.

IMPORTANT WARNING.
Information regarding the location of BT apparatus is given for your convenience and is intended for general information only. 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.

(C) British Telecommunications plc INC_NOTICE_PLOT Template Issue7 (Revised June 2007)

333500

392500

392500

333500

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Existing BT plant may not be recorded.
Information valid at time of preparation.
FOR FREE ON-SITE LOCATION & MARKING SERVICE
CALL THE EXCHANGE OPERATOR AND ASK FOR
FREEPHONE 0800 9173993
FAX 0208 329 0550
NATIONAL NEWSLINES 0800 016066



PLANT INFORMATION REPLY

630CHG/16 - 19/07/2016

BRAMLEY MOOR DOCK LIVERPOOL - SHEET A

openreach
a BT Group business

Legend

CAUTION AREA

BT CAUTION AREA

EQUIPMENT

FIBRE, TCODE
 COPPER, CABINET
 COPPER, DP

DUCT

AERIAL
 TUNNEL
 DUCT

PROPOSED
 AERIAL
 DUCT

STRUCTURE

YCODE
 CABINET SHELL
 SPLIT COUPLING
 POLE
 KIOSKS
 MANHOLE
 JOINTBOX
 CHANGE OF STATE
 DUCT TEE

PROPOSED

MANHOLE
 JOINTBOX
 DUCT TEE

Other proposed plant is shown using dashed lines

BT symbols not listed above may be disregarded

IMPORTANT WARNING
 Information regarding the location of BT apparatus is given for your assistance and is intended for general information only. It is not intended to be used as a basis for any other work. It is the responsibility of the user to ensure that any work is carried out in accordance with the relevant standards and regulations, which may exist at various depths and may deviate from the marked route.

Existing BT plant may not be recorded
 Information valid at time of preparation
 FOR FREE ON-SITE LOCATION & MARKING SERVICE
 CALL THE EXCHANGE OPERATOR AND ASK FOR
 FREEPHONE 0800 9173903
 FAX 0208 3294000
 NATIONAL NEWSLINES 0800 010000



PLANT INFORMATION REPLY

630CHG/16 - 18/07/2016
 BRAMLEY MOOR DOCK LIVERPOOL - SHEET B

openreach
 a BT Group business

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Legend

CAUTION AREA
BT CAUTION_AREA

EQUIPMENT
TAGED FIBRE, TCODE
COPPER, CABINET
COPPER, DP

DUCT
AC AERIAL
TUNNEL
DUCT

PROPOSED
AC AERIAL
DUCT

STRUCTURE
YCODE

CABINET SHELL
X SPLIT COUPLING
POLE
KIOSKS
MANHOLE
JOINTBOX
CHANGE OF STATE
DUCT TEE

PROPOSED
MANHOLE
JOINTBOX
DUCT TEE

Other proposed plant is shown using dashed lines.

BT symbols not listed above may be disregarded.

IMPORTANT WARNING:
Information regarding the location of BT apparatus is given for your information and is intended for general use only. No liability is accepted for any loss or damage arising from the use of this information. It should not be relied upon in the event of an emergency or other works being made near to BT apparatus, which may exist at various depths and may deviate from the marked route.

333500

392500

392500

333500

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Existing BT plant may not be recorded.
Information valid at time of preparation.
FOR FREE ON-SITE LOCATION & MARKING SERVICE
CALL THE EXCHANGE OPERATOR AND ASK FOR
FREEPHONE 0800 9173993
FAX 0208 3264050
NATIONAL NEWSITES 0800 616698

PLANT INFORMATION REPLY
630CHG/16 - 19/07/2016
BRAMLEY MOOR DOCK LIVERPOOL



openreach
a BT Group business

Fibre Services

Special Requirements relating to the External Plant Network of Vodafone

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1. Introduction

This document sets out the procedure that will apply when Other Parties intend or are undertaking works in the vicinity of Vodafone apparatus.

2. Purpose of document

This document provides a means by which the Vodafone specific special requirements relating to their apparatus, regardless of it being situated in the public highway / road, private street, land or any other areas, is made aware to Other Parties.



3. Scope

This document will be presented to Other Parties or Contractors to encourage those undertaking works within the vicinity of Vodafone apparatus to refer to and comply with. This is in order to protect where necessary the Vodafone apparatus and to avoid damage to the apparatus and loss of service.

A National Joint Utilities Group (NJUG) document NJUG 9 titled "Recommendations for the Exchange of Records of Apparatus between Utilities" provides useful reference material.

It should be noted that, where appropriate, additional information on avoiding danger from underground apparatus is contained within the HSG47 guidance book titled "Avoiding Danger from Underground Services."

4. Vodafone Network and Apparatus

Damage to Vodafone apparatus is extremely disruptive and can be expensive to repair, especially where long lengths of cable have to be replaced.

In order to maintain the network integrity and minimise disruption to service, it is essential that disturbances are absolutely minimal. When working within the vicinity of Vodafone apparatus, extreme care is necessary in order to avoid costly repairs. The Other Parties / Contractor shall make every effort to ensure that disturbance of Vodafone apparatus is no more than is absolutely necessary for the completion of the works in accordance with their contract.

5. Plant records

It is the responsibility of the Other Parties undertaking works which may affect Vodafone apparatus to obtain all relevant Vodafone plant records from our agent Atkins Global prior to works commencing. This may be done by contacting the Atkins Global Plant Enquiries Team listed in Appendix B.

Plant records for such enquiries will generally be provided within 10 working days of receipt and in compliance with the New Roads and Street Works Act 1991 [NRSWA] requirements. If Vodafone plant is affected, the response will contain reference to this document. Other Parties and Contractors are advised to refer to the National Joint Utilities Group [NJUG] 9 Document which outlines recommendations for the exchange of records of apparatus between utilities.

6. Definitions

The following definitions are applicable in this document:

- a) **Apparatus** means all electronic communications apparatus above surface, at the surface or sub-surface apparatus, Cable, Jointing Chamber and plant formerly being apparatus owned or used by the Code Operators Cable & Wireless UK, Energis Communications Limited, Thus Group Holdings Plc and Your Communications Limited including any associated cables or ducts owned, leased or rented by the said Code Operators now owned and used by the Code Operator Vodafone Limited ("Vodafone").
- b) **Cable** means any polythene or other sheath containing optical fibres or metallic conductors.
- c) **Depth of cover** means the depth from the surface to the topmost barrel of the duct nest, in the case of ducts encased in concrete, to the top of the concrete, and in the case of directly buried cable, the top of the cable.
- d) **Jointing chamber** means any manhole, surface box or other chamber giving access to Vodafone apparatus or their network.
- e) **Utility** means an organisation licensed to provide gas, water, electricity, Cable TV or telecommunications services.
- f) **Developer** means an organisation licensed to develop industrial/residential premises or given license to connect to utility apparatus.



- g) **Contractor** means the individual, firm or company contracted to undertake the work for a Utility or Other Parties.
- h) **Other Parties** means the Utilities, Highway Authorities, Developers, Street Authority (Roads Authority - Scotland).
- i) **Site** means the location of, or in the vicinity of, the various works.

7. Requirements

Prior to commencing any work or moving heavy plant or equipment over any portion of the site, the Other Parties or Contractor shall notify Vodafone of their intentions. This may be done by contacting Atkins Global, contact listed in Appendix B.

Upon receipt of this notification, Atkins Global will identify if Vodafone apparatus is affected. If any Vodafone apparatus is affected by the works then Atkins Global will provide necessary records and confirm details of Vodafone apparatus and network operated within the affected area or adjacent to the proposed work site.

7.1 Location of Plant

It is the responsibility of the Other Parties or Contractors to undertake adequate plant location procedures. These may include searches for metallic cables which must be performed by actively inducing a signal in a cable conductor via a transmitter. A passive search is not considered sufficient.

Before applying a tracing signal to the Vodafone apparatus, the Other Parties or Contractors shall seek confirmation from Atkins Global that the Vodafone apparatus will not suffer any disruption to its networks normal workings as a result of the nature of the signal being induced.

7.2 Trial excavations

Optic fibre cables are very susceptible to damage from excavation tools. They are not electrically conductive and cannot be located by radio induction methods. Once an approximate location is known, the exact location must be ascertained by means of hand dug pilot holes. Where the work to be carried out by the Other Party or Contractor involves excavation in the vicinity of our apparatus, the Other Party or Contractor shall, by trial excavation at his own expense, determine the exact location and depth of the Cable & Wireless Worldwide apparatus. All excavations adjacent to the Vodafone apparatus are to be carried out by hand until the extent and /or location of the apparatus is known.

All excavation work shall be executed in accordance with the current issue of Health and Safety series booklet HSG47, Avoiding danger from underground services.

8. Depths of cover

The Other Party or Contractor should note that the minimum depths of cover for Vodafone apparatus shall be maintained together with specified separation requirements. Where the minimum depths of cover specified by Vodafone cannot be maintained, the Other Party or Contractor shall at their own expense, carry out the instructions of Vodafone requirements for the protection or diversion of their apparatus.

The Other Party or Contractor should have particular regard to the possibility of encountering Vodafone apparatus (including ducts and cables), at depths of cover other than that reported.

Surface cables (such as cables on bridges or walls) which are liable to be placed in danger from the Other Parties or Contractors works shall be protected, at the Other Parties expense, as directed by the Vodafone representative.

9. Separation

Reference should be made to HSG47 to ensure that adequate separation is achieved. The following details outline the specific requirements of Vodafone and capture the HSG47 requirements.



9.1 High voltage cables

High voltage single core cables of 1000 V and above shall have a minimum clearance from Company Apparatus of 500 mm.

High voltage multi-core cables of 1000 V and above shall have a minimum clearance from Company Apparatus of 350 mm.

In exceptional circumstances where the above clearances cannot be maintained, the separating distance may be reduced to a minimum of 175 mm. In such circumstances, concrete, of a quality as directed by the Company Representative, must be inserted to completely fill the space between the High Voltage cable and the Company Apparatus, in accordance with the requirements of the Company Representative. Any further services must have a minimum clearance of 250 mm from the concrete.

9.2 Low voltage cables

Low voltage cables of less than 1000 V shall have a minimum clearance from Company Apparatus of 180 mm. In exceptional circumstances where the above clearance cannot be maintained, the separating distance may be reduced to a minimum of 75 mm. In such circumstances, concrete, of a quality as directed by the Company Representative, must be inserted to completely fill the space between the services, in accordance with the requirements of the Company Representative. Any further services must have a minimum clearance of 250 mm from the concrete.

9.3 Ancillary electrical apparatus

Lamp posts, traffic posts and other such ancillary electrical apparatus shall have a minimum clearance of 150 mm from underground Company Apparatus and 600mm clearance from above ground Company Apparatus.

9.4 High pressure gas mains and other Undertakers plant/equipment

High pressure gas mains shall have a minimum clearance of 450 mm from Company Apparatus. All other undertakers' plant and equipment, when running in parallel with Company Apparatus, shall have a minimum clearance of 200mm. Where gas mains cross Company Apparatus, the minimum clearance shall be 200mm. All other undertakers' plant and equipment, when running across Company Apparatus, shall have a minimum clearance of 100 mm.

9.5 Other Undertakers plant

Other undertakers' plant and equipment which runs in parallel with Company Apparatus shall have a minimum clearance of 200mm. All other undertakers' plant and equipment when running across Company Apparatus shall have a minimum clearance of 100mm.

9.6 Tramways

Each separating distance shall be individually agreed with the Company Representative.



10. Jointing chambers

10.1 Protection

Footway type jointing chambers are not designed to withstand carriageway loadings.

Where such chambers are liable to be placed at risk, either temporarily or permanently, from vehicular traffic or from the movement of plant and/or equipment, they will need to be adequately protected. Alternatively, they may have to be demolished and rebuilt to carriageway standards, at the Other Parties or Contractors expense under supervision of Vodafone representative.

All Vodafone jointing chambers and / or other access points shall be kept clear and unobstructed. Access for vehicles, winches, cable drums and / or any further equipment required by Vodafone for the maintenance of its apparatus, must be maintained at all reasonable times.

10.2 Access

The covers to Vodafone jointing chambers and / or apparatus shall only be lifted by means of the appropriate keys and under the direct supervision of a Cable & Wireless Worldwide representative. Other Parties or Contractors shall not enter any Vodafone jointing chamber and / or apparatus unless under the supervision of a Vodafone representative and in any case not before the mandatory gas test has been carried out in the presence of Vodafone representative and such checks have shown it to be safe to enter the Vodafone chamber and / or apparatus. The Other Parties or Contractors shall be given reasonable access to Vodafone apparatus and chambers when required.

11. Notification periods

Where the Other Parties or Contractors works or the movement of plant or equipment may endanger Vodafone apparatus, the Other Party or Contractor shall give the Vodafone agent Atkins Global [as indicated at Appendix B] at least 7 working days notice in writing of the intended date to commence operations.

No excavation should be made without first consulting the relevant Vodafone apparatus layout drawings, which will be made available from the Vodafone agent Atkins Global on request and allowing 28 working days for processing the relevant drawings. However, should this not be possible, direct contact should be made to the Atkins Global Bristol Plant Enquiries Team as soon as possible to assess the situation.

When excavating, moving or backfilling (including use of Foamed Concrete for Reinstatements – FCR) around Vodafone apparatus, Atkins Global (as agent for Vodafone) shall be given adequate prior written notice of the Other Parties or Contractors intentions, in order that the works may be adequately supervised. Such notice shall not be less than 3 working days.

12. Excavation and backfill

All excavations adjacent to Vodafone apparatus are to be carried out by hand until the extent and or location of the Vodafone apparatus is known.

Use of mechanical borers and / or excavators shall not be used without the supervisory presence of a Vodafone representative or a given exemption.

Shuttering of the excavation or support to Vodafone apparatus, at the Other Parties or Contractors expense, shall be used as directed by the Vodafone representative.

At least 7 working days notice must be given to Vodafone in order that any special protective measures which may be required to protect Vodafone apparatus, at the Other Parties or Contractors expense, when equipment such as pile driving, explosives, laser cutting high powered RF equipment or RF test gear, is to be used in conjunction with the works.

Other Parties or Contractors are advised to refer to the National Joint Utilities Group [NJUG] 4 Document which outlines the identification of small buried mains and services.



13. Foam concrete

If foam concrete is being used as the backfill material, it shall not be used either above or within 500 mm of any Company Apparatus. A suitable material in accordance with the specification for the Reinstatement of Openings in Highways shall be substituted.

14. Attendance of Company Representative

If a situation requires the attendance on site of a Vodafone representative for a continuous period of more than 6 hours, suitable facilities shall be provided by the Other Party or Contractor, at their expense, to meet the office and ablution requirements.

15. Damage reports

In the event of any damage whatsoever occurring to Vodafone apparatus, the Other Party or Contractor shall immediately inform Vodafone by contacting Julia Burgoyne, (for contact details please refer to Appendix B).

All relevant costs of any subsequent repair and / or removal of the Vodafone apparatus shall be charged to the Other Party or Contractor, irrespective of who affects the repair.

The above requirements do not relieve the Other Party or Contractor of any of their obligations under their contract.



Appendix A - office address details

Glasgow Office

Vodafone
Pavillion 1
1 – 2 Berkeley Square
99 Berkeley Street
Glasgow
G3 7HR

Bristol Office

Vodafone
Unit 1,
Tamar Road
St Philips
Bristol
BS2 0TY

Manchester Office

Vodafone
Unit M
Atlas Business Park
Wythenshawe
Manchester
M22 5RR



Appendix B – Street Works Team Contacts for Vodafone

Function	Name	Job Title	Address	Phone	Mobile	Fax	Email Address
Co-ordination	Sandra Semple	National Street Works Manager	Glasgow Office (see above)	0141 303 2857	07775 792133	0141 300 9611	sandra.semple@cw.com
Customer Complaints	CMC	Customer Management Centre	n/a	08456 021585	n/a	n/a	n/a
Liability Claims	Julia Burgoyne	Major Incident Resolution Coordinator	Bristol Office (see above)	01454 895114	07803 259857	n/a	julia.burgoyne@cw.com
Diversionary Works	Samantha Wilkinson	C3 Diversionary Works Project Controller	Manchester Office (see above)	0161 423 2740	n/a	n/a	samantha.wilkinson@cw.com
Emergencies (24 Hour)	CMC	Customer Management Centre	n/a	08456 021585	n/a	n/a	n/a
Plant Enquiries- Including Thus Plc, (formerly Scottish Telecom), Your Comms (formerly Norweb), Energis & Mercury Communications	Plant Enquiries Team	n/a	Atkins Global PO Box 290 500 Aztec West, Almondsbury, Bristol, BS32 4RZ	01454 662881	n/a	01454 663330	Osm.Enquiries@atkinsglobal.com

16. About this Document

Content Owner

Price, David J

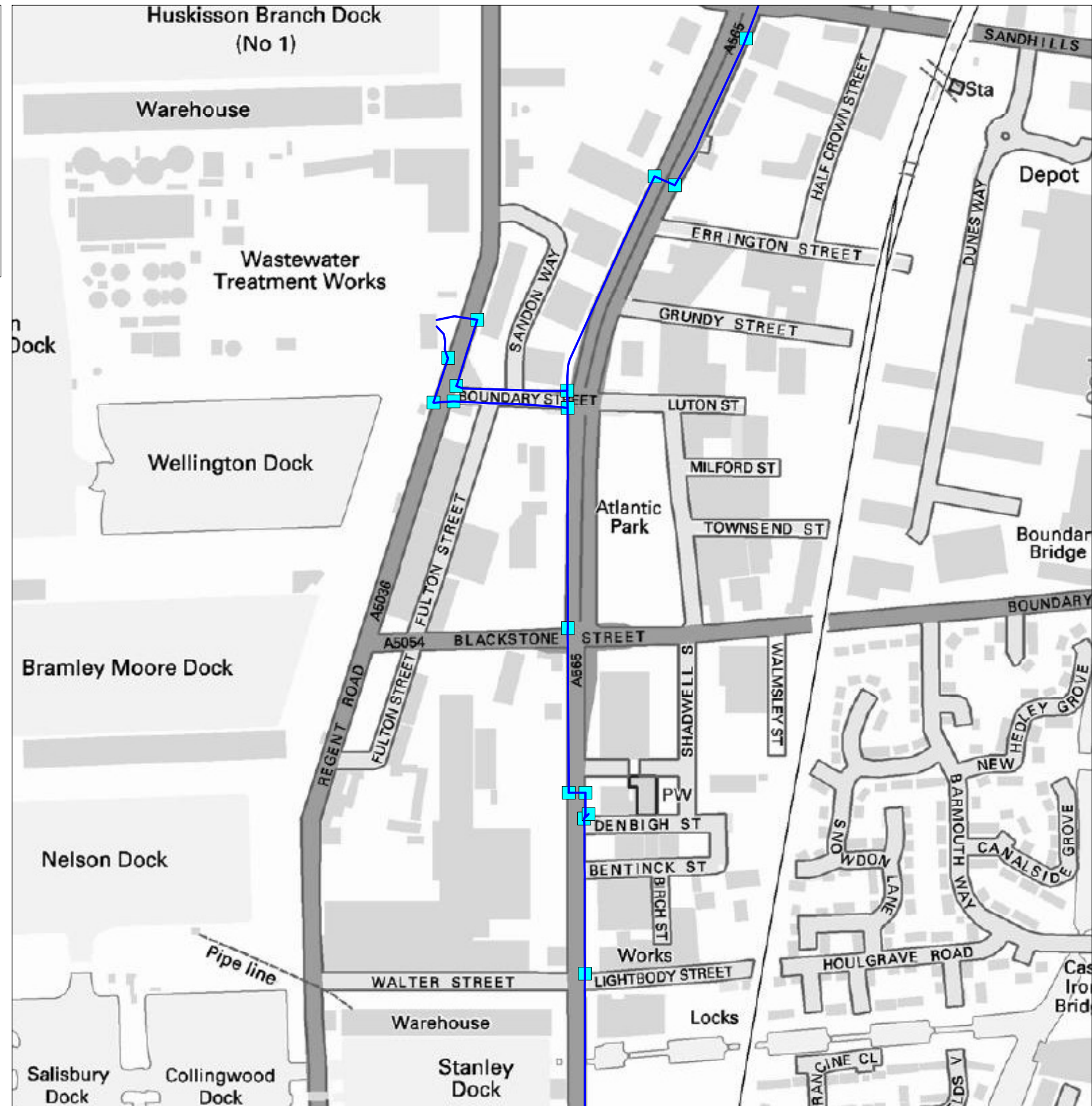
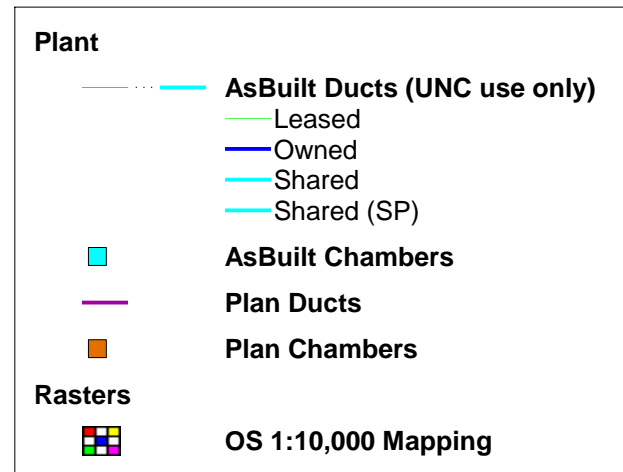
Changes since last version

Reformatted using the current Vodafone template.

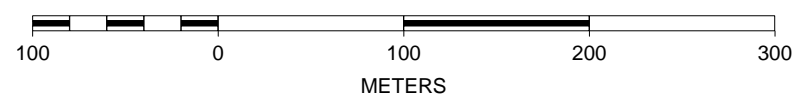
End of Document



Map1



SCALE 1 : 4,057



Debbie Miller

From: Subramanian, Devendran <Devendran.Subramanian@atkinsglobal.com>
Sent: 15 July 2016 10:30
To: Debbie Miller
Subject: RE: 18419DM - Site : Bramley Moor Dock, Liverpool, L3 OAP(approx)
Attachments: Bramley Moor Dock.pdf; Vodafone Special Requirements.pdf

Please accept this email as confirmation that Vodafone: Fixed does have apparatus within the vicinity of your proposed works.

Please see attached network information.

Note: Only affected part is printed and our network is not present in the remaining areas of your proposed works.

IMPORTANT - PLEASE READ = Your Next Step?:-

Where apparatus is affected and requires diversion, please send all the scheme related proposals that affects the Vodafone Network to c3requests@vodafone.com with a request for a 'C3 Budget Estimate'. Please ensure you include a plan showing proposed works. (A location plan is insufficient for Vodafone to provide a costing). These estimates will be provided by Vodafone directly, normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 (using the 'forward' option). Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered.

Kind regards

Plant Enquiries Team
T: 01454 662881
E: osm.enquiries@atkinsglobal.com

ATKINS working on behalf of Vodafone: Fixed



This response is made only in respect to electronic communications apparatus forming part of the Vodafone: Fixed electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK, Energis Communications Limited, Thus Group Holdings Plc and Your Communications Limited.

PLEASE NOTE: The information given is indicative only. No warranty is made as to its accuracy. This information must not be solely relied upon in the event of excavation or other works carried out in the vicinity of Vodafone plant. No liability of any kind whatsoever is accepted by Vodafone, its servants, or agents, for any error or omission in respect of information contained on this information. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to Vodafone's apparatus and all claims made against them by Third parties as a result of any interference or damage.



Please consider the environment before printing this e-mail

From: Debbie Miller [mailto:DMiller@groundwise.com]
Sent: 14 July 2016 15:03
To: plantenquiries@energetics-uk.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>; plantenquiries@mcnicholas.co.uk; plantenquiries@instalcom.co.uk; osp-team@uk.verizonbusiness.com; interoute.enquiries@plancast.co.uk; telenttelia.plantenquiries@telent.com; NRSWA@bskyb.com;

plantenquiries@catelecomuk.com; OPBuriedServicesEnquiries@networkrail.co.uk;
plantenquiries@trafficmaster.co.uk; mbnl.plant.enquiries@turntown.com; plantenquiries@psgservices.co.uk;
assetrecords@utilityassets.co.uk; noc@hiberniannetworks.com; Mapping Services <mapping.services@sse.com>
Subject: Ref: 18419DM - Site : Bramley Moor Dock, Liverpool, L3 0AP(approx)

Ref: 18419DM

Site : Bramley Moor Dock, Liverpool, L3 0AP(approx)

Grid reference: 333455,392427

Requests:

For your reference, we have provided a site plan. Please use both the grid reference/postcode & site plan when responding to our requests.

We are doing research on the above site for a client and would be grateful if you could confirm whether the above operators have any cabling or apparatus in the immediate vicinity. Should there be anything detected in the vicinity plus 50 meters around the site, I would appreciate a plan showing the location. The reason we need the information is so our client can avoid digging through your cables or can investigate the potential for connecting with your network.

I enclose location plans of the site for your convenience and look forward to hearing from you. We shall of course be providing a copy of your response to our client as part of a wider report on the site including reports from other utility companies or providers.

Should you have any problems in identifying the location of the sites or should you require further clarification of the details requested, please do not hesitate to contact me.

I look forward to receiving details from you and thank you in advance for your assistance in this matter.

Kind regards,

Debbie Miller

Production Researcher | Groundwise Searches Ltd

Suite 8 Chichester House | 45 Chichester Road | Southend-on-Sea | Essex | SS1 2JU

Tel: 01702 615566 | Fax: 01702 460239 | www.groundwise.com

Company Registration Number: 4130795 VAT Number: 769 0642 02

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Consider the environment. Please don't print this e-mail unless you really need to.



Groundwise Searches Limited
Suite 8 Chichester House
45 Chichester Road
South-on-Sea
Essex
SS1 2JU

Virgin Media
Field Services
Units 1-12
Broad Lane
Mayfair Business Park
Bradford
Yorkshire
BD4 8PW

Tel: 0870 888 3116 Opt 2

Plant Enquiry Ref: VM.153474
Letter Date 20.07.2016
Your Ref: 18419DM
Date:
21.07.2016

Hello,

Enquiry Location: Bramley Moor Dock, Liverpool, L3 0AP

Thank you for your enquiry regarding work at the above location.

I enclose a copy of our above referenced drawing, marked to show the approximate position of plant owned and operated by Virgin Media.

You will be aware that you have a duty to ensure that no damage results to this equipment as a result of your proposed works. Please note that this apparatus may contain Fibre Optic, Coaxial and/or 240v Power Cables and as such, special care must be taken when excavating this area.

Should you require Virgin Media apparatus to be diverted to accommodate your works and require a detailed estimate, please send a cheque to the value of £720.00 (Bus) / £240.00 (Res) Inc VAT to:

Diversionary Works, Virgin Media, 1 Dove Wynd, Strathclyde Business Park Bellshill ML4 3AL

Or Call the Diversionary Team on: 0800 408 0088 Option 1

Should your request be in relation to a new development and you require an estimate to be prepared for Virgin Media to service your proposed development, please submit this request for costs along with site drawings (scale 1:500) to the New Build Team also at the above address.

Yours faithfully

National Plant Enquiries Team, email: plant.enquiries.team@virginmedia.co.uk

Please note: National Plant Enquiries are now able to accept all major cards with the exception of American Express for credit/debit card payments. If you wish to use this facility please contact us at the above telephone number. Please note: National Plant Enquiries Team (Bradford) cover and respond to plant enquiries for all ex ntl:Telewest franchise areas.



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Date: 21/07/16

Scale: 1:8075

Map Centre: 333672,392424

Data updated: 01/05/16

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 2016 Ordnance Survey 100019209.

Duct, Trench



Chamber



Cabinet



shalini.akshintala@virginmedia.co.uk





CIVILS AND CABLING INSTALLATION SPECIALIST

Instalcom Ltd, Borehamwood Ind Park, Rowley Lane, Borehamwood, Herts WD6 5PZ.

Telephone: 020 8731 4600 Fax: 020 8731 4601 Email: enquiries@instalcom.co.uk

02 August 2016

Dear Sir/Madam,

Your Ref: 18419DM - Site : Bramley Moor Dock, Liverpool, L3 0AP
Our Ref: E07-16-3504

With reference to your enquiry regarding the above noted location, I enclose the drawings on behalf of LEVEL 3, GLOBAL CROSSING (UK) LTD, GLOBAL CROSSING PEC, FIBERNET UK LTD and FIBRESPAN Ltd indicating the approximate position of services in this area.

I would draw your attention to the fact that while the position of the plant has been shown as accurately as possible, the information is intended as a general guide only and must not be relied upon in the event of any excavations or other work in the vicinity. I would remind you that the onus remains on you to determine the exact position for example by a hand excavated trial hole. Instalcom accepts no liability for claims arising from any inaccuracy, omissions or errors contained herein. If you would like to query the location further, please email us accordingly and we can arrange an in depth survey, which will be charged at a cost. Enclosed is a guide to excavation works around existing plant.

Instalcom responds to plant enquiries for LEVEL 3, GLOBAL CROSSING (UK) LTD, GLOBAL CROSSING PEC and FIBERNET UK LTD simultaneously and therefore you only need send one copy of a plant enquiry to cover all of these companies. As we are moving towards a fully electronic database we urge our customers to request plant enquiries by email which will result in a higher level of service, please forward future plant enquiries to plantenquiries@instalcom.co.uk

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

Plant Enquiries Administrator

Instalcom Limited
Borehamwood Ind. Park
Rowley Lane
Borehamwood,
WD6 5PZ

E mail: - plantenquiries@instalcom.co.uk

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Certificate Number 7604
ISO 9001
ISO 14001
OHSAS 18001

DIRECTORS: T.G. & T.J. O'Connor, J.T. McVeigh, D.J. Dix, P.M. Alderton.
INSTALCOM LIMITED REGISTERED IN ENGLAND No. 3421543



SPECIAL REQUIREMENTS IN RELATION TO LEVEL 3 PLANT

1. In this special requirement, the following terms shall have the meanings assigned to it :-
 - a. "Company" means Level 3.
 - b. "Company Representative" means the staff of Level 3 or its Authorized Representatives and Agents.
 - c. "Apparatus" means all surface or sub-surface equipment and plant including any associated cabling and/or ducting owned leased or rented by Level 3.
2. Before commencing any work or moving heavy plant or equipment over any portion of the site, the contractor shall confirm details of the Apparatus, owned, leased or rented by the Company, within the site with the Company Representative, who can be contacted at the following point: -

**Instalcom Limited
Borehamwood Industrial Park
Rowley Lane
Borehamwood
Hertfordshire
WD6 5PZ
Tel: 0208 731 4600
Fax: 0208 731 4601
E-mail: plantenquiries@instalcom.co.uk**

3. Where such details show that the works or the movement of plant or equipment may endanger the Apparatus of the Company the Contractor must give the Company Representative at least 7 days written notice of the date on which it is intended to commence such works of the movement of plant and equipment in order that the presence of any sub-surface apparatus can be indicated by markers to be supplied by the Company and placed by the Contractor under the supervision of a Company Representative. The Contractor shall ensure that all Company Apparatus, particularly surface running cabling is adequately protected from damage and such protective measures shall be approved by the Company Representative.
4. In the event of a Company marker being disturbed for any reason, it shall not be replaced other than in the exact position of its former depth unless the repositioning is carried out at the direction and under the supervision of a Company Representative.
5. The Contractor shall take particular care in relation to the protection of Company Apparatus, where such Apparatus includes the presence within the site of optical fibre cabling. The contractor should particularly note that the damage to such Apparatus is extremely disruptive to the Company network and costly to reinstate. The Contractor shall make every effort to avoid the disturbance of Company Apparatus more than is absolutely necessary for the completion of the works in accordance with the contract.

6. When excavating around, moving or backfilling around Company Apparatus, the Company Representative shall be given adequate notice, which shall not be less than 3 days, of the contractor's intentions in order that he may supervise the works. The Contractor should note that the normal depth of cover for Company Apparatus and ducts are as follows: -

- a. Carriageways 600mm
- b. Footways 350mm
- c. Verges 450mm

These minimum depths of cover should be maintained wherever possible.

Where the minimum depths of cover cannot be maintained, the Contractor shall carry out the instructions of the Company Representative for the protection of Company Apparatus.

Where cables are not in duct and the required depth of cover cannot be maintained, such cables as are affected shall be enclosed and protected in UPVC duct or equivalent materials as supplied by the Company and by the method directed by the Company Representative.

With regard to excavation in the vicinity of Company Apparatus the Contractor should have particular regard to the possibility of reduced cover and the encountering of such Company Apparatus at depths of cover less than that given at **a, b and c above**.

7. All excavation adjacent to Company Apparatus is to be carried out by hand until the exact extent and/or location of Company Apparatus is known. Mechanical borers and/or excavators shall not be used within 1.0m of Company Apparatus without the supervisory presence of a Company Representative, To prevent any movement of Company Apparatus during excavations, complete shuttering shall be used as directed by the Company Representative if:-
- a. Excavation is deeper than the depth of cover of adjacent Company Apparatus.
 - b. Excavation is within 1.0m of Company Apparatus in stable ground.
 - c. Excavation is within 5.0m of Company Apparatus in unstable ground.

If for the completion of the works, the Contractor intends using any of the following: -

- a. Pile driving equipment within 10.0m of Company Apparatus.
- b. Explosives within 20.0m of Company Apparatus.
- c. Laser equipment within 10.0m of Company Apparatus.

The Contractor shall advise the Company Representative, giving at least 7 working days written notice in order that any special protective measure for the Company Apparatus affected may be arranged.

8. All Company manhole, joint box and /or other access points and chambers within the site shall be kept clear and unobstructed. Access for vehicles, winches, cable drums and/or further equipment required by the Company for the maintenance of it's Apparatus, must be maintained at all reasonable times. The Contractor should particularly note that footway type jointing chambers are not specified for carriageway loadings and will need to be adequately protected and/or demolished and rebuilt under the supervision of a Company Representative where such chambers are likely to be placed at risk, either temporarily or permanently, from the movement of plant and/or equipment on the site.

9. The covers to Company chambers and/or Apparatus shall only be lifted by means of appropriate keys obtained from the Company Representative and under the direct supervision of the Company Representative. No employee of the Contractor or of any sub-contractor employed by the Contractor shall enter any chamber and/or Apparatus of the Company unless under the supervision of the Company Representative and in any case not before the mandatory gas check has been carried out in the presence of the Company Representative and such checks have shown it to be safe to enter the chamber and/or Apparatus of the Company.

The Company Representatives shall be given reasonable access to all Company Apparatus and chambers when required.

10. In the event of any damage whatsoever to Company Apparatus, the Contractor shall immediately inform the Company Representative and report the occurrence immediately by contacting the Company as follows:-

Telephone:-

0208 731 4600
Mon-Fri Office Hours (Instalcom Head Office)

0208 510 3111/3101
Out of Office Hours (24Hr Level 3 Network Operations Centre)

11. The above requirements do not relieve the Contractor of any of his obligations under the Contract.

The accuracy of information on the plans cannot be guaranteed and no liability can be accepted for errors or omissions.

Damage to Communications Plant is Expensive – Please Take Care.



GC & Fibernet as-built map (Version 6.0) - 30-01-12 - Rev

