

Utilities Assessment

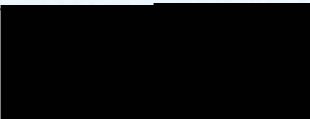
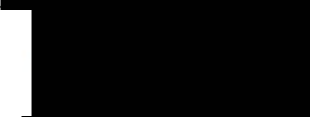
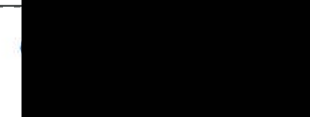
Land off Elizabeth Crescent, Whitehaven

August 2017



FAIRHURST

CONTROL SHEET**CLIENT:** Messrs Bowe**PROJECT TITLE:** Land off Elizabeth Crescent, Whitehaven**REPORT TITLE:** Utilities Assessment**PROJECT REFERENCE:** D/I/D/118877/01**Issue and Approval Schedule:**

Issue 2 FINAL	Name	Signature	Date
Prepared by	J. Henderson		14/8/17
Reviewed by	J. Middleton		14/8/17
Approved by	J. Middleton		14/8/17

Revision Record:

Issue	Date	Status	Description	By	Chk	App
2	14/8/17	FINAL	Appendix B, Alpha Design drawing updated.	JH	JM	JM
3						
4						
5						
6						
7						
8						

This report has been prepared in accordance with procedure OP/P02 of Fairhurst's Quality Management System

DISCLAIMER

Information regarding the locations of services is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy or completeness. It should not be relied upon in the event of excavations or other works being made near apparatus which may exist at various depths and may deviate from marked route. Detailed Statutory Authority enquiry returns are available for inspection at the offices of Fairhurst, Newcastle.

Private services and service connections from public utilities are likely to exist, but no details are available. No guarantee or warranty is given or implied that the information in this report is complete or accurate.

It is the Contractors responsibility to arrange for the accuracy of all services, public and private.

The Contractor is advised to consult the utility companies to locate their equipment prior to commencing work.

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Appendix B: Site plan

Appendix C: United Utilities sewer plan and correspondence

Appendix D: Electricity North West electricity plan and correspondence

Appendix E: Northern Gas Networks gas plan and correspondence

Appendix F: BT Openreach plan

Appendix G: Linesearch Before U Dig

Appendix H: Other utilities correspondence

1 SITE DESCRIPTION

The site comprises an undeveloped parcel of land located off Elizabeth Crescent, Whitehaven. The approximate National Grid Reference for the centre of the site is NX986192.

The site comprises an irregular shaped area of land, covering an area of approximately 3.2 hectares. Available information indicates that the site currently comprises of unmanaged vegetation, greenfield.

The site is bordered to the north by Elizabeth Crescent with farmland beyond, to the west by the A595 and housing, to the south by farmland and to the east by farmland.

Development proposals are for a 50 unit residential development, with associated access roads and landscaping.

2 SURFACE WATER DRAINAGE

2.1 PROPOSED SURFACE WATER DRAINAGE PRINCIPLES

The Building Regulations Part H state that rainwater shall discharge to one of the following, listed in order of priority:

1. an adequate soakaway or some other adequate infiltration system, or where this is not reasonably practicable;
2. a watercourse, or where this is not reasonably practicable;
3. a sewer.

In line with the Building Regulations, the first choice of discharge for surface water runoff should be infiltration. It has been determined in the Flood Risk and Drainage Strategy that infiltration is not suitable for this site and that discharge will be to a nearby watercourse, refer Fairhurst Doc. D/I/D/118877/02.

2.2 PROPOSED SURFACE WATER DESIGN

As outlined in the Fairhurst Flood Risk and Drainage Strategy for further information, Doc. Ref. D/I/D/118877/02, surface water discharge will be limited to the equivalent greenfield runoff rate.

To ensure that the proposed discharge rates can be achieved, it will be necessary to provide surface water attenuation within the development.

The Environment Agency generally advises that a lifespan of 100 years should be used for residential developments. The Technical Guidance to the NPPF Table 2 states that for the time period 2070 to 2115, peak rainfall intensity should be increased by 20% to account for the possible impacts of climate change.

The Quick Storage element of the industry standard software Micro Drainage Source Control has been used to provide the storage volumes shown on the surface water drainage layout and on the basis that the development will result in approximately 1.26ha of impermeable surfaces, approximately 713m³ of storage will be required for events up to the 1 in 100 year return period with 20% increase in rainfall due to climate change. It is proposed to install attenuation tanks to store surface water runoff from the development and it is anticipated that these will be located beneath the '*landscape zones*' to the north and west of the development. The tanks will be designed to attenuate and store the required volume prior to discharging in to the unnamed watercourse via a piped network to the south west of the site through land also owned by the Client. Fairhurst drawing 118877/2001 – Indicative Drainage Layout (Appendix B), shows the proposed surface water drainage layout for the development.

3 FOUL WATER DRAINAGE

Foul flows from the proposed development are calculated to be <2.27l/s, using the design flow of 4000litres/dwelling/day in accordance with Sewers for Adoption 7th Edition.

United Utilities have been contacted and confirm there is capacity within the foul sewer to the north east of the site situated within Elizabeth Crescent, refer to United Utilities records in Appendix B. United Utilities confirm that foul flows can discharge into the foul sewer at an unrestricted rate. The full response from United Utilities can be found in Appendix C.

4 UTILITIES ASSESSMENT

Other utility providers and transmitters have been contacted and their responses are summarised below and in Appendix A.

4.1 Electric (Refer to Appendix D)

Electricity North West (ENWL) has confirmed the location of the apparatus within and surrounding the site.

Below ground apparatus is located running from Rosemary Close heading south along the western edge of the site. There is no apparatus within the site boundary.

The costs of capacity/connection are to be confirmed by ENWL.

4.2 Gas (Refer to Appendix E)

There is no Northern Gas Networks (NGN) apparatus within the site boundary. The plans received from NGN show low pressure (LP) gas mains located in the existing housing estates to the north of the site.

The costs of capacity/connection are to be confirmed by NGN.

4.3 Telephone (Refer to Appendix F)

BT has no apparatus within the site boundary. There is underground BT plant located in the existing housing estates to the north of the site.

It is anticipated that this underground network can be utilised to serve the development. The costs of the connection are to be confirmed by BT.

4.4 Water Supply (Refer to Appendix C)

There are United Utility (UU) water supply apparatus within the site boundary. There is a trunk main and a distribution main running along the eastern edge of the site.

United Utilities have been consulted through a 'Pre-Development Enquiry' to determine the capacity and the Network Performance Engineer has confirmed that based on current information, to provide clean water for the development, UU will need to install additional network capacity. There will need to be a significant contribution toward the cost of this additional capacity.

4.5 Other Utilities (Refer to Appendix H)

The following utility distribution companies have been contacted and have confirmed that they have no plant within the site boundary:

- City Fibre
- Cofely District Energy
- Colt
- Copeland District (Street lighting)
- Energetics Electricity
- ENGIE
- GTC (gas)
- GTT (Formerly Hibernia Networks)
- Instalcom
- Interoute
- Mobile Broadband Network Ltd.
- Tata, KPN (McNicholas)
- UK Broadband
- Utility Assets Ltd.
- Verizon
- Virgin Media
- Vodaphone (Cable and Wireless)
- Vtesse Networks

A response is still awaited from the following utility distribution companies:

- GTT (Formerly Hibernia Networks)
- Mobile Broadband Networks Ltd
- Utility Assets Ltd.

Appendix A

Utilities enquiry summary

Company/ Statutory Body	Date Enquiry Sent	Initial Response	Details
British Telecom	14/02/17	14/02/17	Plans received.
Northern Gas Networks	14/02/17	07/03/17	Plans received.
United Utilities			
Water Supply	14/02/17	08/03/17	Plans received.
Sewerage	14/02/17	08/03/17	Plans received.
Electricity North West	14/02/17	06/03/17	Plans received.
GTC Gas	14/02/17	14/02/17	Reply received.
Linesearch Before You Dig	14/02/17	14/02/17	Enquiry confirmation received.

[illegible]

Appendix B

Site Plan/Indicative Drainage Plan

(Drawing Ref's: Site Location, Alpha Design 17-01-896-02, 118877/2001)

No.	Date	Revision	Initial

ALPHA DESIGN

Architectural Services
Member of the Chartered Institute of
Architectural Technologists

Tel: 01900 829199 email: gb@adcumbria.co.uk

Project

LAND TO SOUTH OF
ELIZABETH CRESCENT,
WHITEHAVEN

Client

HARRAS PARK ESTATES

Drawing

INDICATIVE SITE PLAN

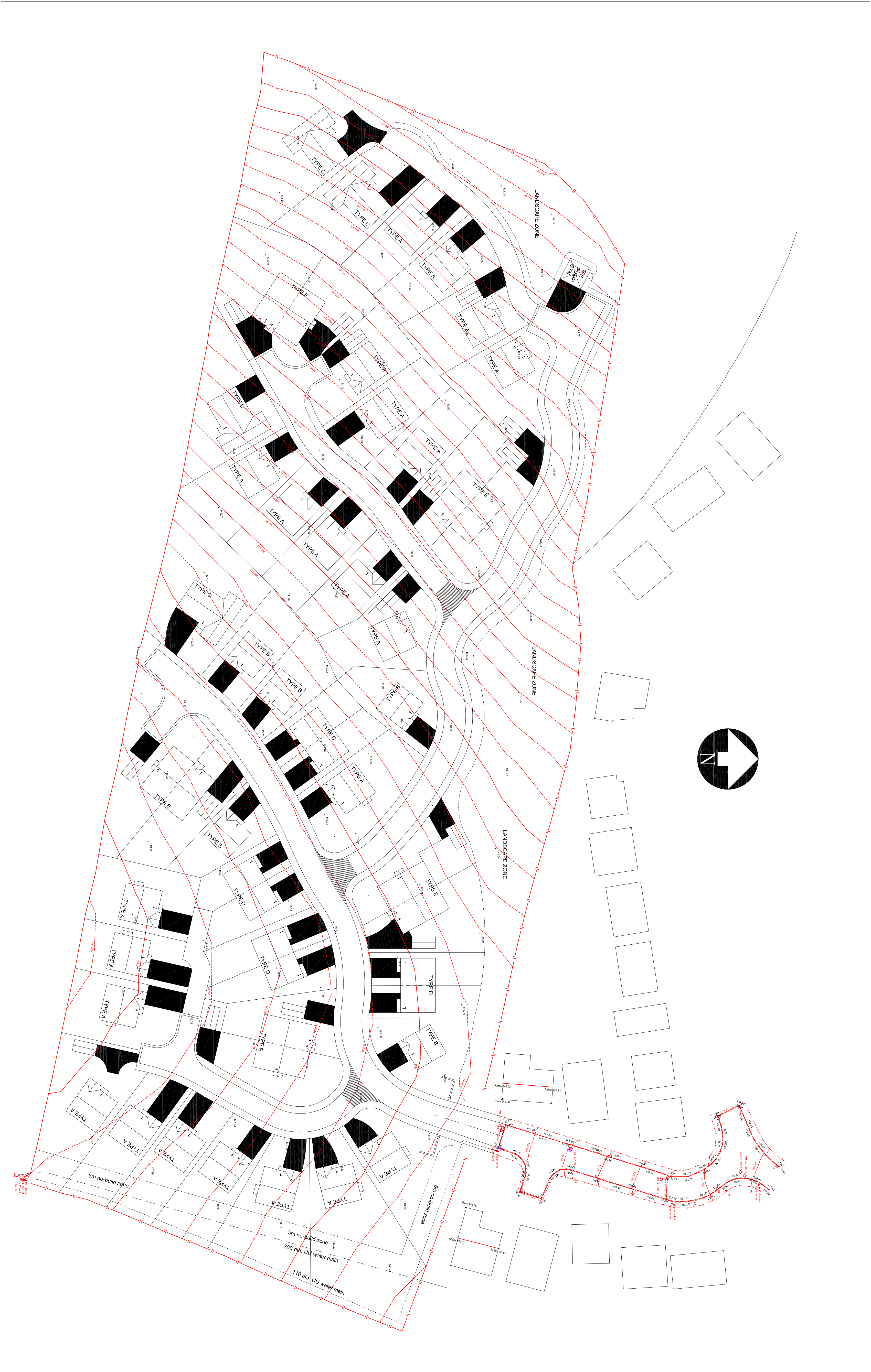
Scale 1:500 @ A1 Drawn GB

Checked Date MARCH 2017

Drawing No.

17/01/896 - 02

This drawing and design is copyright and must not be reproduced in part or in whole without prior written consent. Contractors must verify all dimensions on site before commencing work or preparing shop drawings.



118877 - LAND OFF ELIZABETH CRESCENT,
WHITEHAVEN OS GRID REF: X: 298690, Y: 519126
NEAREST POSTCODE: CA28 6JQ

SITE LOCATION



Appendix C

United Utilities sewer plans and correspondence

**United Utilities Water Ltd
Developer Services Water
First Floor Windermere House
Lingley Mere Business Park
Lingley Green Avenue
Warrington
WA5 3LP**

Fairhurst Engineering
1 Amgrove Court
Barrack Road
Newcastle Upon Tyne
NE4 6DB

Telephone: 0345 072 6067
Email: DeveloperServicesWater@uuplc.co.uk

Your ref: **John Cartin**
Our ref: **4100287154**
Date: **27.06.2017**

Dear Sir,

Pre-Development Enquiry for a land at Elizabeth Crescent, Whitehaven, CA28 6JQ

Thank you for your pre-development enquiry.

The Network Performance Engineer has looked at your proposals and based on current information, to provide clean water for your development, we will need to install additional network capacity. It is possible that you will need to make a significant contribution toward the cost of this additional capacity.

For budgetary purposes for the reinforcement required to feed the lower ^{1/3} of the site an allowance of approximately £250,000.00 exc VAT would be required.

For budgetary purposes for the diversion of the existing 12" AC and 110mm PV mains shown within your proposed site boundary, an allowance of approximately £50,000.00 exc VAT would be required. Please be aware that if these mains need to be diverted there are also 3rd party/private land and confirmation of land ownership procedures to be considered.

Can you please confirm the ground level and property types of the development as these existing properties are at a high elevated location. We also require a detailed site plans.

Point of connection

The point of connection for the water supply to the higher part of the development is along a section of the existing 110mm PV water main, located off Elizabeth Crescent, as shown on the attached drawing and subject to further information. Please note* the existing Pressure Monitoring Valve may need to be upsized to supply the higher parts of this development.

Existing United Utilities water assets

To help you plan your development I have enclosed a copy of our asset records. This shows that we have operational assets within the boundaries of your proposed development.

You may be able to design your development in such a way that our operational assets can remain in their current location, but if this is not possible any equipment affected by the development will need relocating to an agreed alternative position.

You need to establish the true position of these water mains, the lines and levels should be plotted onto your proposed layout, and a copy of the plan should then be sent to this office. We may also wish to see any trial hole information including photographs which confirms the exact location and depth of our mains apparatus.

Please note* if damage does occur as a result of your works, the repair/replacement of the mains network/surface boxes will be fully rechargeable to yourselves.

Important note

This copy of our asset records is only provided to help you assess the likely risks when planning your development at a desk top stage. It is not intended to be used for planning any actual excavation or construction work. You are reminded that a Health and Safety plan should include an up to date record of all underground equipment.

Infrastructure Charges

Based on the information you have provided we would advise you to allow a budget of £51,163.00 for water and wastewater infrastructure charges for the planned 70 new connections. At present this charge is outside the scope of VAT.

Infrastructure Credits

We have no record of any chargeable water or sewerage connections to previous premises on this site within the last 5 years. This means that we are unable to offer any infrastructure credits against new connections on your proposed development.

What to do next

If you decide to proceed with your development, you can choose between requisitioning your new clean water directly from us, or you can employ a contractor directly to self lay the new mains. A list of approved installers is available at Lloyds Register www.lr.org. If your development will be using water for domestic purposes we will often provide an allowance in respect of future water use toward the cost of your new main, this allowance is the same no matter who you choose to lay your development main.

We have a booklet "Obtaining water supplies for new developments - Guidance notes for developers" which is available on request or can be downloaded from our website unitedutilities.com, which has lots of useful information to help you make the right choice for your new water main or water connection.

The information given is valid for up to 6 months, if you need any further information or assistance, please do not hesitate to contact me at this office.

Yours sincerely,

K Daniels
Project Designer (Water)

Enc. General Conditions
 Mains Records

Fairhurst & Partners

**1 Arngrove Court
Barrack Road
Newcastle
NE4 6DB**

FAO: James Henderson

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: 118877 - ELIZABETH CRESCENT
Our Ref: 1274236
Date: 8/3/2017

Dear Sirs

Location: Land of Elizabeth Crescent Elizabeth Crescent Whitehaven CA28 6JQ

I acknowledge with thanks your request dated 06/03/17 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.

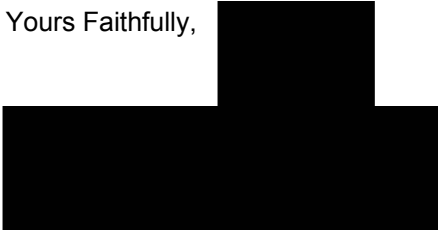
If you are planning works anywhere in the North West, please read our access statement before you start work to check how it will affect our network.

<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,

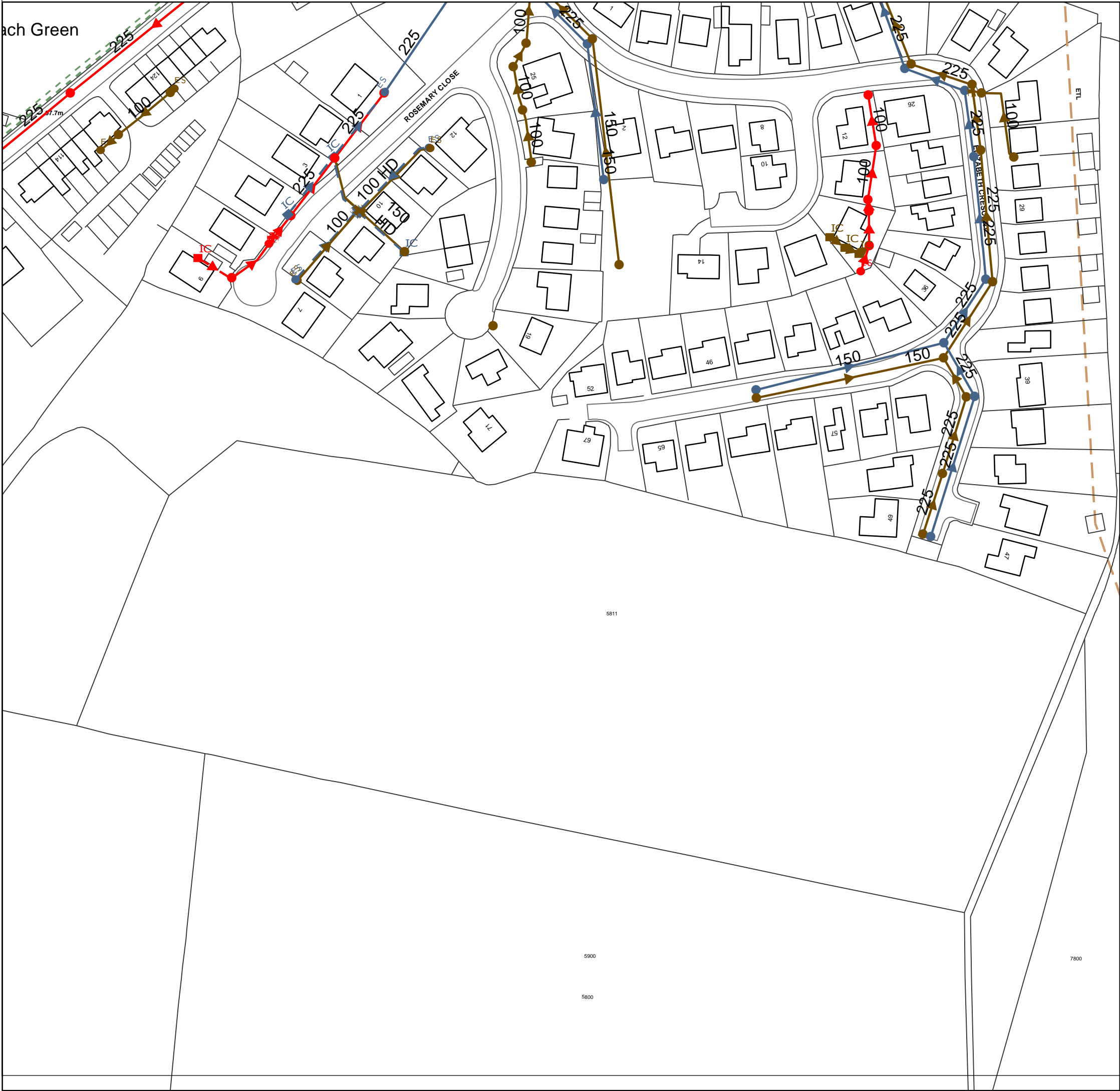

Karen McCormack
Property Searches Manager

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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LAND OF ELIZABETH CRESCENT

Printed By: Property Searches Date: 08/03/2017

DO NOT SCALE
Approximate Scale: 1:1250



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**United
Utilities**
helping life flow smoothly

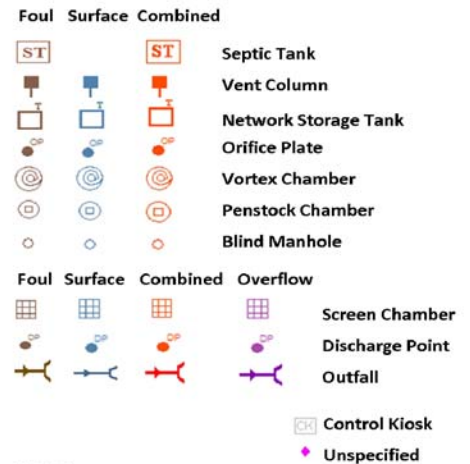
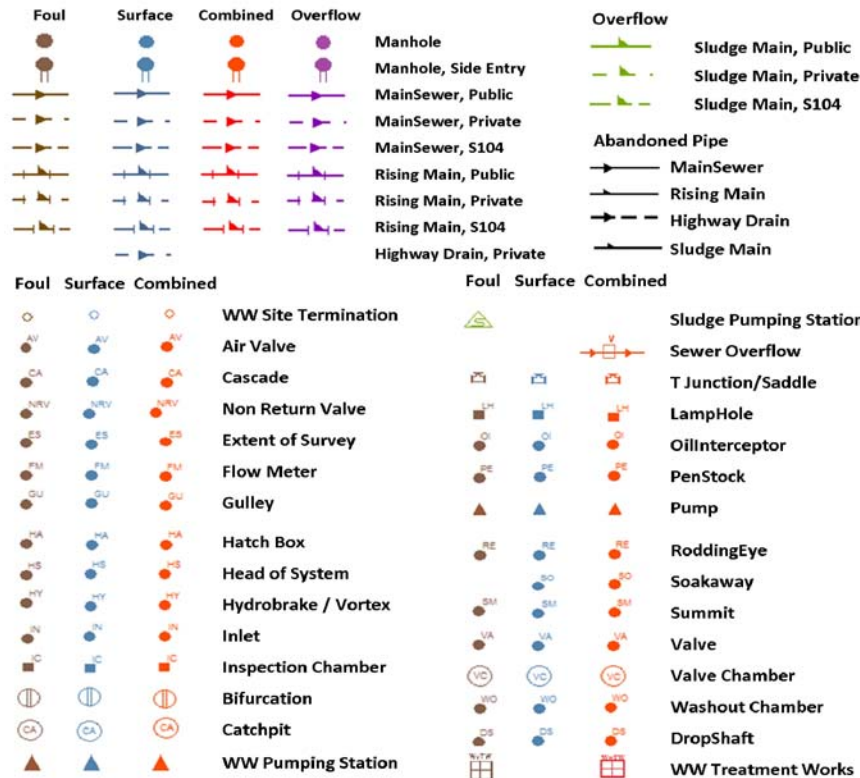
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9. This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

WASTE WATER SYMBOLOGY



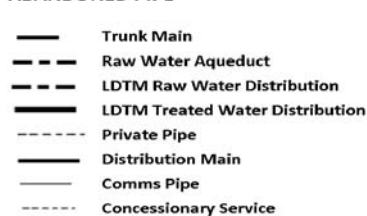
Legend	
MANHOLE FUNCTION	SEWER SHAPE
FO Foul	CI Circular
SW Surface Water	EG Egg
CO Combined	OV Oval
OV Overflow	FT Flat Top
	RE Rectangular
	SQ Square
	TR Trapezoidal
	AR Arch
	BA Barrel
	HO HorseShoe
	UN Unspecified
SEWER MATERIAL	
AC Asbestos Cement	DI Ductile Iron
BR Brick	VC Vitrified Clay
CO Concrete	PP Polypropylene
CSB Concrete Segment	PF Pitched Fibre
CSU Concrete Segment	MA Masonry, Coursed
CC Concrete Box Culverted	MA Masonry, Random
PSC Plastic / Steel	RP Reinforced Plastic
GR Glass Reinforced	CI Cast Iron
GRP Glass Reinforced	SI Spun Iron
PVC Polyvinyl Chloride	ST Steel
PE Polyethylene	U Unspecified

CLEAN WATER SYMBOLOGY

PIPE WORK



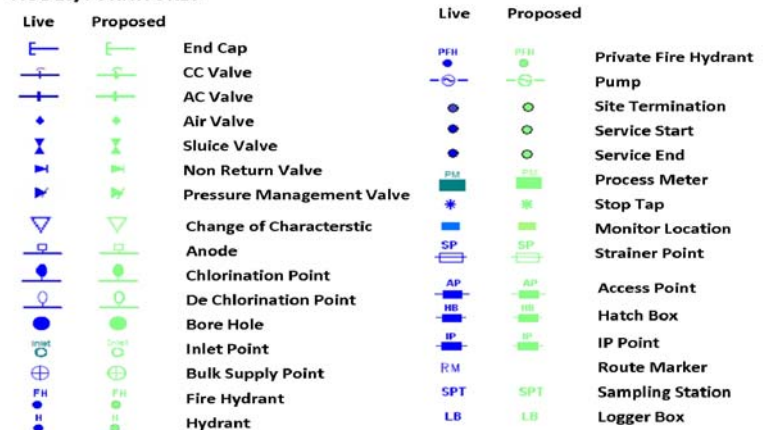
ABANDONED PIPE



PROPERTY TYPES



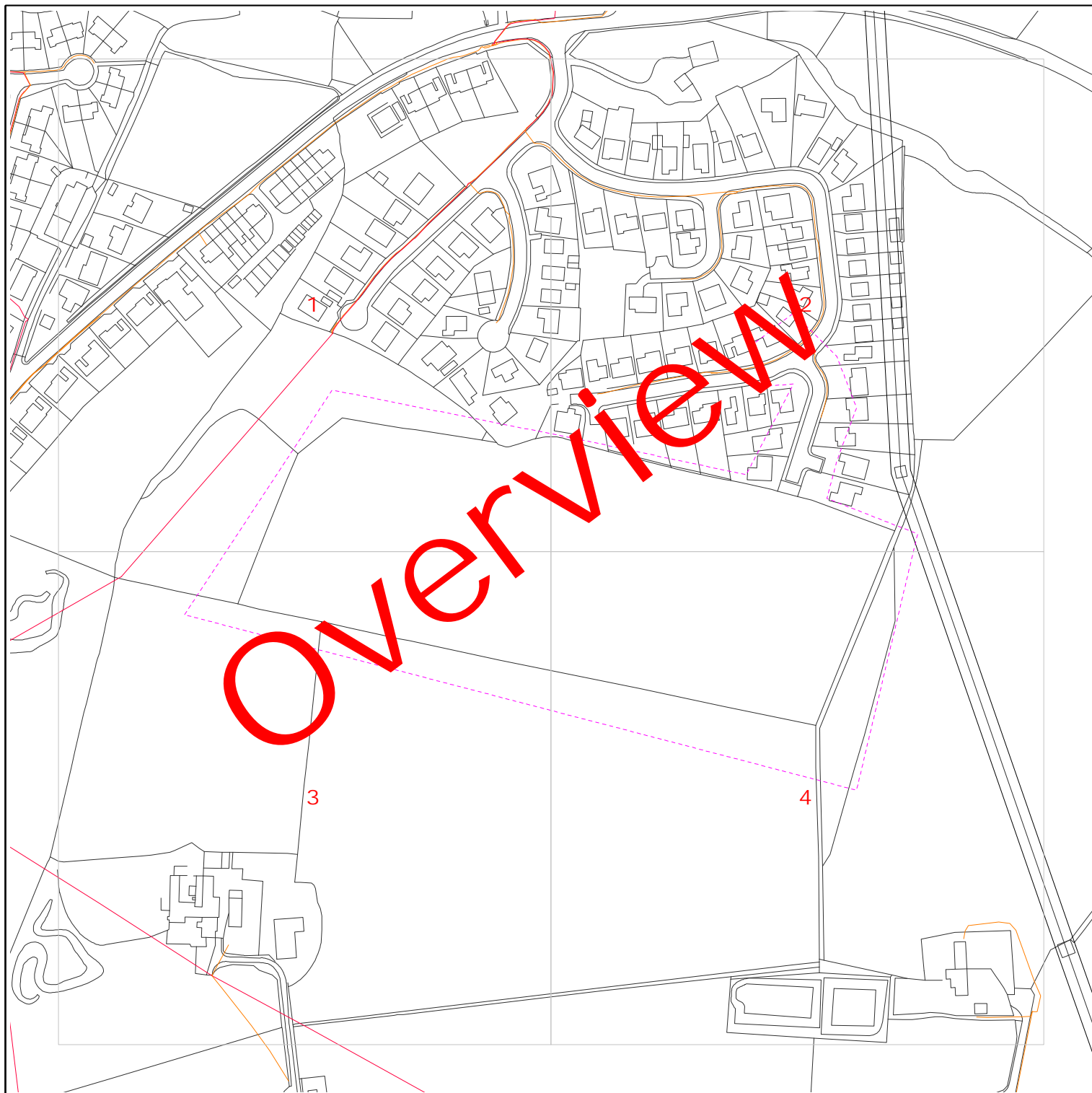
NODES/FURNITURES



Legend	
MATERIAL TYPES	LINING TYPES
AC ASBESTOS CEMENT	CL CEMENT LINING
CI CAST IRON	TB TAR OR BITUMEN
CU COPPER	ERL EPOXY RESIN
CO CONCRETE	
DI DUCTILE IRON	INSERTION TYPES
GI GALVANISED IRON	DD DIE DRAWN
GR GREY IRON	DR DIRECTIONAL DRILLING
OT OTHERS	MO MOLING
PB LEAD	PI PIPELINE
PV UPVC	SL SLIP LINED
SI SPUN IRON	
ST STEEL	
UN UNKNOWN	
PE POLYETHYLENE	

Appendix D

Electricity North West electricity plans and correspondence



Requested by: James Henderson

Company: Fairhurst

Date Requested: 06/03/2017

Job Reference: 9891625

Your Scheme/Reference: 118877 - Elizabeth

Dig Sites:

Area  Line 

Operating Voltage

Colour Code

Line Colour

132kV

Black



33kV

Green



22kV-25kV

Yellow



11kV

Red



6kV-6.6kV

Blue



1kV-6kV

Violet



LV

Orange



Unknown Voltage

Brown



electricity
north west

Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

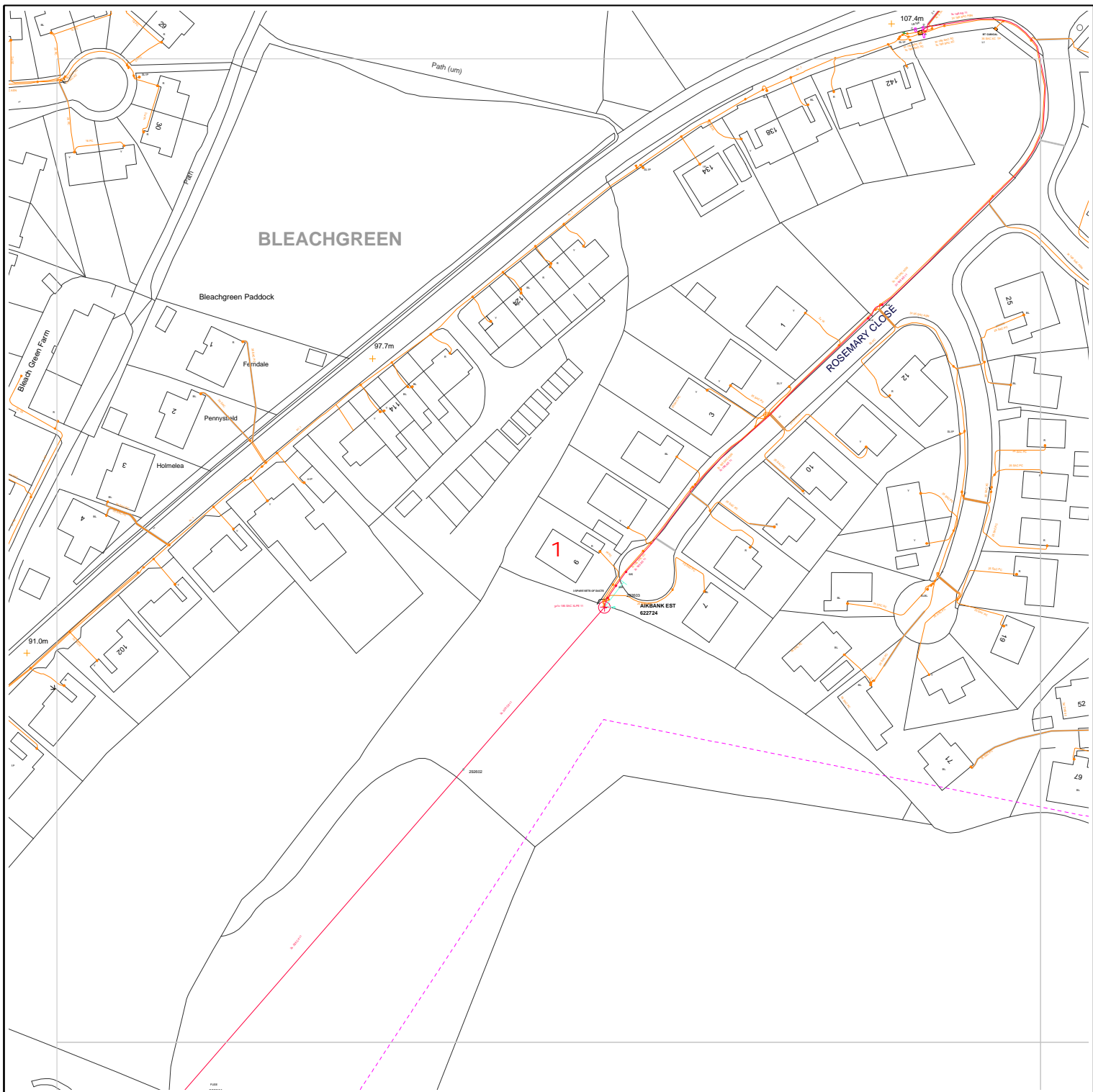
Scales on A4 paper:
1:1250 Area dig site
1:250 Line dig site

Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited.

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Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines".

Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949



Requested by: James Henderson

Company: Fairhurst

Date Requested: 06/03/2017

Job Reference: 9891625

Your Scheme/Reference: 118877 - Elizabeth

Dig Sites:

Area ---- Line -----

Operating Voltage

Colour Code

Line Colour

132kV

Black



33kV

Green



22kV-25kV

Yellow



11kV

Red



6kV-6.6kV

Blue



1kV-6kV

Violet



LV

Orange



Unknown Voltage

Brown



Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

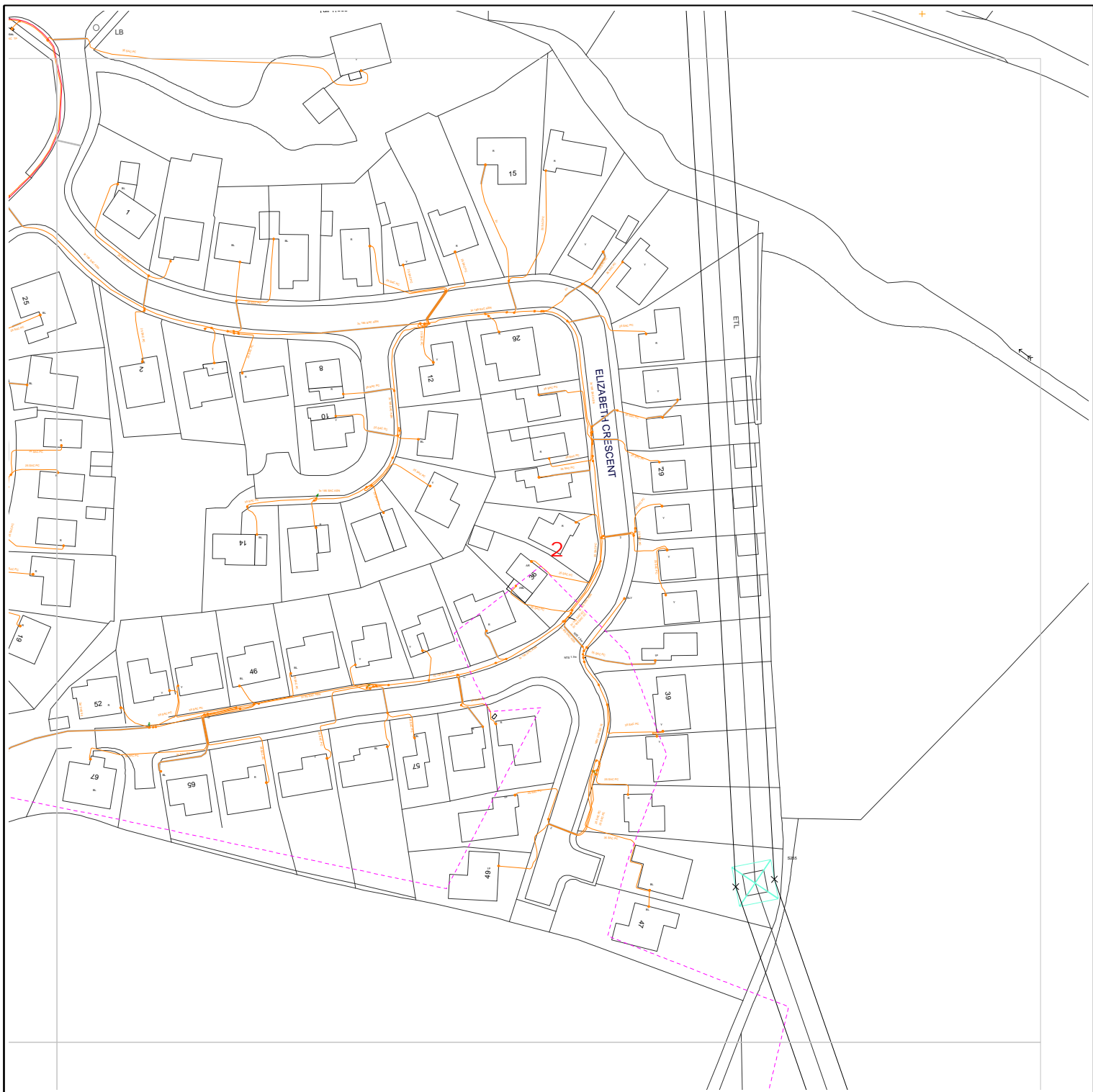
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Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949



Requested by: James Henderson

Company: Fairhurst









Date Requested: 06/03/2017

Job Reference: 9891625

Your Scheme/Reference: 118877 - Elizabeth

Dig Sites:

Area  Line 

Operating Voltage	Colour Code	Line Colour
132kV	Black	
33kV	Green	
22kV-25kV	Yellow	
11kV	Red	
6kV-6.6kV	Blue	
1kV-6kV	Violet	
LV	Orange	
Unknown Voltage	Brown	



Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF

Phone: 0800 195 4141

Email: planrequest@enwl.co.uk

Scales on A4 paper:

1:1250 Area dig site

1:250 Line dig site

Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited.

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Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines".

Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949

James Henderson

From: planrequest@enwl.co.uk
Sent: 06 March 2017 10:53
To: James Henderson
Subject: Plant Enquiry Ref Job No. 9891625
Attachments: 109770777_Electricity North West.pdf; ENW Conditions and Information regarding electricity mains.pdf; ENW_Response Letter.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

06/03/2017

Our Ref: 9891625
Your Ref: 118877 - Elizabeth Crescent, Whitehaven

Dear Sir/Madam,

Please accept this email as confirmation that ENWL does have apparatus within the vicinity of your proposed works detailed below.

Please see attached network information.

1. Letter
2. Plans (always print in colour)
3. Conditions and information regarding electricity mains

The attached files are in PDF format, to view them you will need Adobe Acrobat Reader(R). You can download it free of charge from <http://get.adobe.com/reader>

If we can help in any other way please email: planrequest@enwl.co.uk

Yours sincerely,

Data Management



Electricity North West
Data Management,
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk
Web: www.enwl.co.uk

Mr James Henderson
Fairhurst
1 Arngrove Court Barrack Road
Newcastle upon Tyne Tyne & Wear
NE4 6DB

Our Reference: 9891625

Your Reference: 118877 - Elizabeth Crescent, Whitehaven

Dear Mr James Henderson

Electricity Network Plans

I acknowledge with thanks your request dated 14/02/2017 09:59:24 AM for information on the location of our services.

Please find enclosed plan(s) showing the approximate position of our apparatus known to be in the vicinity of this site.

I attach Conditions and information regarding electricity mains, which details contact numbers for additional services (i.e. new supplies, connections, diversion). In addition you should ensure they are made available to anyone carrying out any works which may affect our apparatus.

Yours sincerely,

Data Management

Appendix E

Northern Gas Networks gas plans and correspondence



Northern Gas Networks
1st Floor
1 Emperor Way
Doxford International Business Park
Sunderland
SR3 3XR

Telephone No: 0800 040 7766
www.northerngasnetworks.co.uk

**24 hour gas escape
number 0800 111 999**

**calls will be recorded and may be monitored*

Our Ref: 301605065
Your Ref:
Date: 07.03.2017

James Henderson
Fairhurst
1 Angrove Court Barrack Road
Newcastle upon Tyne NE4 6DB

Dear Sir / Madam,

Re: , Elizabeth Crescent, Whitehaven, CA28 6JQ

Northern Gas Networks acknowledges receipt of your notice of your intention to carry out work at the above location.

We enclose an extract from our mains records in the location of the area covered by your proposals together with a comprehensive list of precautions for your guidance. This plan shows only those pipes owned by Northern Gas Networks in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's and also privately owned may be present in this area. Information with regard to such pipes should be obtained from the owners. The information shown on this plan is given without obligation, or warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, siphons, stub connections, etc., are not shown but their presence should be anticipated. Your attention is drawn to the information and disclaimer on these plans. The information included on the enclosed plan should not be referred to beyond a period of 28 days from the date of issue.

You will note the presence of our Low/Medium/Intermediate Pressure gas main in the proximity to your site. NO mechanical excavations are to take place above or within 0.5 m of the Low pressure system, 2m of the medium pressure system and 3metres of the intermediate pressure system. You should where required CONFIRM THE POSITION of mains using HAND DUG TRIAL HOLES.

A colour copy of these plans and the gas safety advice card should be passed to the senior person on site in order to prevent damage to Northern Gas Networks' plant and potential direct or consequential costs to your organisation.

Safe digging practices, in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services", must be used to verify and establish the actual position of 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. In addition please follow the advice given on the gas safety card.

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

If you have any further enquires please contact the Telephone number below.

Yours faithfully,

J CRAIGS
Network Records Assistant
0800 040 7766

Northern Gas Networks Limited
Registered in England & Wales No 5167070
Registered Office
1100 Century Way Colton
Leeds LS15 8TU



NRSA RESPONSE		<div><div>— Low Pressure</div><div>- - - Medium Pressure</div><div>- - - Intermediate Pressure</div><div>- - - Regional High Pressure</div></div>	<div><div>012.52550</div><div>Metres</div></div>	TITLE : 298690, 519126	<p>The plan shows those pipes owned by Northern Gas Networks or the relevant Gas Distribution Network in their roles as Licenced Gas Transporters (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 Northern Gas Networks, the relevant Gas Distribution Network, 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.</p>	<div><div></div><div>ArcGIS Server 9.3.1</div></div>		
SCALE:	1:1,250							
USER ID:	N391269							
DATE:	07/03/2017 11:27:44							
GRID REFERENCE:	E: 298565 N: 519123							
Some examples of Plant Items:								
Valve		Depth of Cover		Syphon		Diameter Change		Material Change

James Henderson

From: Jan Craigs <JCraigs@northerngas.co.uk> on behalf of Before You Dig <BeforeYouDig@northerngas.co.uk>
Sent: 07 March 2017 11:35
To: James Henderson
Subject: RE: 301605065 - 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN
Attachments: a) NGN safety leaflet - Donald Gilbank.pdf; b) Avoiding Injury Document.pdf; c) Gas Safety Document.pdf; 298690, 519126 - MAP.pdf; 298690, 519126 - LETTER.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear James,

Please find attached our gas plan and accompanying documents.

Kind regards

Jan

If you would like access to our online mapping system please send your name, company name, full postal address and contact telephone number to beforeyoudig@northerngas.co.uk

Jan Craigs | Administration Assistant
Before You Dig
Northern Gas Networks
1st Floor, 1 Emperor Way
Doxford Park
Sunderland
SR3 3XR

Telephone: 0800 040 7766 (option 6)
Email: beforeyoudig@northerngas.co.uk
Website: www.northerngasnetworks.co.uk

From: James Henderson [<mailto:james.henderson@fairhurst.co.uk>]
Sent: 14 February 2017 15:24
To: Plant Protection <plantprotection@northerngas.co.uk>
Subject: 301605065 - 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Dear Sir/ Madam,

Please find attached a location plan for the above scheme at Elizabeth Crescent, Whitehaven. The grid reference for the site is OS X: 298690 Y: 519126. (Nearest postcode CA28 6JQ).

I would be obliged if you could advise whether you have any apparatus in the vicinity (red boundary on attached plan).

Should there be a charge for this enquiry, please do not hesitate to contact me on the details below,

Kind regards

James Henderson
Senior Technician



engineering solutions, delivering results

1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne, NE4 6DB
Tel: 0191 2210505 Fax: 0844 3814412
Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

CECA NE Project of the Decade Award Winners 2013
RTPI NE Award Winners 2013 - Urban Design
RICS NE Award Winners 2012 - Renaissance



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Fairhurst scans and monitors incoming and outgoing mail in accordance with its Email Policy. This email has been scanned for viruses but Fairhurst accept no liability for any virus which may be attached.

A full list of partners is available for inspection at any of the firm's offices.

Appendix F

BT Openreach plans and correspondence

James Henderson

From: stoke.incoming.notices@openreach.co.uk
Sent: 14 February 2017 15:24
To: James Henderson
Subject: Openreach plant map request - Ref : UEU03211M
Attachments: UEU03211M.PNG

Follow Up Flag: Follow up
Flag Status: Flagged

See attached file for your requested map by email.

Please print the correct letter to attach to your map.

You will find a sample here:

<http://www.openreach.co.uk/nnhcsampleletter>

And a new sites letter here:

<http://www.openreach.co.uk/newsitesletter>

For New Developments please print the newsite letter.

For others please print out letter A.

For all enquiries please ring the

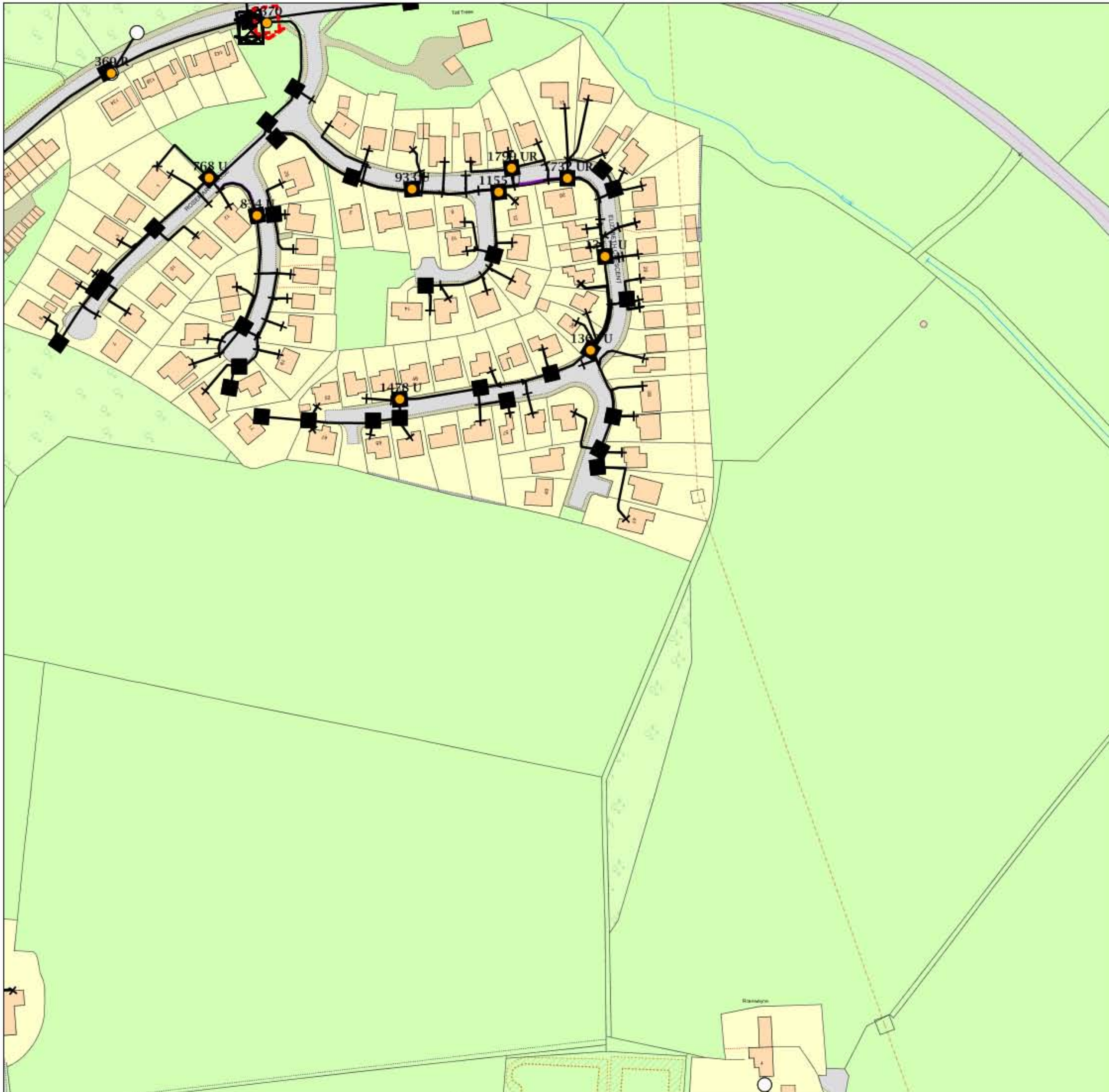
National Notice Handling Centre on 0800 1693849 or email:

stoke.incoming.notices@openreach.co.uk

OCCASIONALLY, MAPS MAY CONTAIN HATCHED AREAS. IT IS ESSENTIAL THAT YOU CONTACT THAT NATIONAL NOTICE HANDLING CENTRE by email on nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN ANY HATCHED AREAS.

Thank you for using Openreach Maps by Email

Maps by email Plant Information Reply



IMPORTANT WARNING

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



openreach
BT

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd

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KEY TO BT SYMBOLS

DP	
Planned DP	
PCP	
Planned PCP	
Built	
Planned	
Inferred	
Building	
Kiosk	
Hatchings	

Pole	
Planned Pole	
Joint Box	
Change Of State	
Split Coupling	
Duct Tee	
Planned Box	
Manhole	
Planned Manhole	
Cabinet	
Planned Cabinet	

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

openreach
a BT Group business

BT Ref : UEU03211M
Map Reference : (centre) NX9869019126
Easting/Northing : (centre) 298690,5191
Issued : 14/02/2017 15:21:46

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

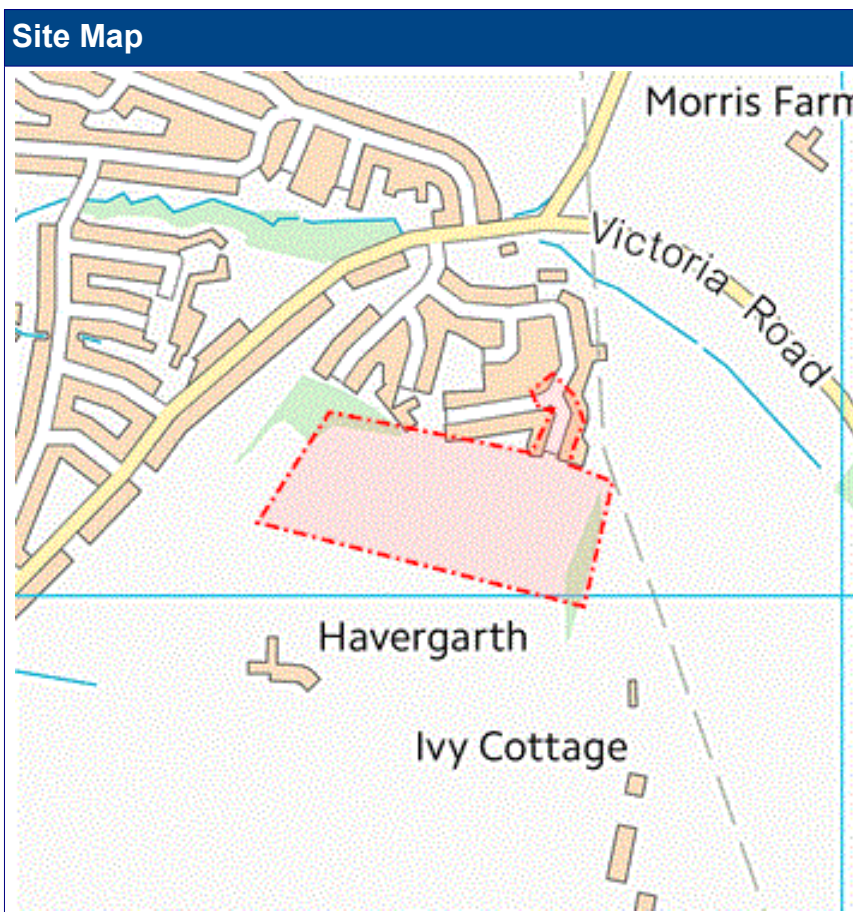
Appendix G

Linesearch before u dig

Enquirer			
Name	Mr James Henderson	Phone	0191 2210505
Company	Fairhurst	Mobile	Not Supplied
		Fax	Not Supplied
Address	1 Arngrove Court Barrack Road Newcastle upon Tyne Tyne & Wear NE4 6DB		
Email	james.henderson@fairhurst.co.uk		
Notes	Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.		

Enquiry Details			
Scheme/Reference	118877 - Elizabeth Crescent, Whitehaven		
Enquiry type	Initial Enquiry	Work category	Development Projects
Start date	04/09/2017	Work type	Housing
End date	07/05/2018	Site size	47737 metres square
Searched location	XY= 298690, 519126 Easting/Northing	Work type buffer*	25 metres
Confirmed location	298580 519098		

* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.



Asset Owners

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.lineasearchbeforeudig.co.uk ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

Validity and search criteria. The results of this enquiry are based on the confirmed information you entered and are valid only as at the date of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

Asset Owners & Responses. Please note the enquiry results include the following:

1. "LSBUD Members" who are asset owners who have registered their assets on the LSBUD service.
2. "Non LSBUD Members" are asset owners who have not registered their assets on the LSBUD service but LSBUD is aware of their existence. Please note that there could be other asset owners within your search area.

Below are three lists of asset owners:

1. **LSBUD Members who have assets registered within your search area. ("Affected")**
 - a. These LSBUD Members will either:
 - i. Ask for further information ("Email Additional Info" noted in status). The additional information includes: Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.
 - ii. Respond directly to you ("Await Response"). In this response they may either send plans directly to you or ask for further information before being able to do so, particularly if any payments or authorisations are required.
2. **LSBUD Members who do not have assets registered within your search area. ("Not Affected")**
3. **Non LSBUD Members who may have assets within your search area.** Please note that this list is not exhaustive and all details are provided as a guide only. It is your responsibility to identify and consult with all asset owners before proceeding.

National Grid. Please note that the LSBUD service only contains information on National Grid's Gas above 7 bar asset, all National Grid Electricity Transmission assets and National Grid's Gas Distribution Limited above 2 bar asset.

For National Grid Gas Distribution Ltd below 2 bar asset information please go to www.beforeyoudig.nationalgrid.com

LSBUD Members who have assets registered on the LSBUD service within the vicinity of your search area.

List of affected LSBUD members

Asset Owner	Phone/Email	Emergency Only	Status
Electricity North West Limited	08001954141	08001954141	Await response

LSBUD members who do not have assets registered on the LSBUD service within the vicinity of your search area. Please be aware that LSBUD members make regular changes to their assets.

List of not affected LSBUD members

AWE Pipeline	Fulcrum Pipelines Limited	Phillips 66
BOC Limited (A Member of the Linde Group)	Gamma	Premier Transmission Ltd (SNIP)
BP Midstream Pipelines	Gateshead Energy Company	Prysmian Cables & Systems Ltd (c/o Western Link)
BPA	Humbly Grove Energy	Redundant Pipelines - LPDA
Carrington Gas Pipeline	IGas Energy	RWEnpower (Little Barford and South Haven)
CATS Pipeline c/o Wood Group PSN	Ineos Enterprises Limited	SABIC UK Petrochemicals
Cemex	INEOS Manufacturing (Scotland and TSEP)	Scottish Power Generation
Centrica Energy	Intergen (Coryton Energy or Spalding Energy)	Seabank Power Ltd
Centrica Storage Ltd	Lark Energy	Shell (St Fergus to Mossmorran)
CLH Pipeline System Ltd	Lightsource SPV Limited	Shell Pipelines
Concept Solutions People Ltd	Mainline Pipelines Limited	Total (Finaline, Colnbrook & Colwick Pipelines)
ConocoPhillips (UK) Ltd	Manchester Jetline Limited	Transmission Capital
DIO (MOD Abandoned Pipelines)	Manx Cable Company	Uniper UK Ltd
Dong Energy (UK) Ltd	Marchwood Power Ltd (Gas Pipeline)	Vattenfall
E.ON UK CHP Limited	National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	Veolia ES SELCHP Limited
EirGrid	Northumbrian Water Group	Western Power Distribution
ENI & Himor c/o Penspen Ltd	NPower CHP Pipelines	Wingas Storage UK Ltd
ESP Utilities Group	Oikos Storage Limited	Zayo Group UK Ltd c/o JSM Group Ltd
ESSAR	Perenco UK Limited (Purbeck Southampton Pipeline)	
Esso Petroleum Company Limited	Petroineos	

The following non-LSBUD members may have assets in your search area. It is **YOUR RESPONSIBILITY** to contact them before proceeding. Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.

Non-LSBUD members (Asset owners not registered on LSBUD)			
Asset Owner	Preferred contact method	Phone	Status
BT	https://www.swns.bt.com/pls/mbe/welcome.home	08009173993	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified
Colt	plantenquiries@catelecomuk.com	01227768427	Not Notified
Copeland District (Street Lights)	info@copeland.gov.uk	08450548600	Not Notified
Energetics Electricity	plantenquiries@energetics-uk.com	01698404646	Not Notified
ENGIE	nrsua@cofely-gdfsuez.com	01293 549944	Not Notified
GTC	https://pe.gtc-uk.co.uk/PlantEnqMembership	01359240363	Not Notified
GTT (formerly Hibernia Networks)	owen.maguire@gtt.net	01704 322 300	Not Notified
Instalcom	plantenquiries@instalcom.co.uk	02087314613	Not Notified
Interoute	interoute.enquiries@plancast.co.uk	02070259000	Not Notified
Mobile Broadband Network Limited	mbnl.plant.enquires@turntown.com	01212 621 100	Not Notified
Northern Gas Networks	plantprotection@northerngas.co.uk	01915014349	Not Notified
Tata, KPN (c/- McNicholas)	plantenquiries@mcnicholas.co.uk	03300558469	Not Notified
United Utilities	property.searches@uuplc.co.uk	08707510101	Not Notified
Utility assets Ltd	assetrecords@utilityassets.co.uk		Not Notified
Verizon Business	osp-team@uk.verizonbusiness.com	01293611736	Not Notified
Virgin Media	http://www.digdat.co.uk	08708883116	Not Notified
Vodafone	osm.enquiries@atkinsglobal.com	01454662881	Not Notified
Vtesse Networks	https://vtplant.vtesse.com	01992532100	Not Notified

Disclaimer

The results of this Enquiry have been provided for the sole use of the Enquirer and no other party. The asset information on which the Enquiry results are based has been provided by LineSearchbeforeUdig members, LineSearchbeforeUdig will provide no guarantee that such information is accurate or reliable nor does it monitor such asset information for accuracy and reliability going forward. There are also asset owners which do not participate in the enquiry service operated by LineSearchbeforeUdig, including but not exclusively those set out above. Therefore, LineSearchbeforeUdig cannot make any representation or give any guarantee or warranty as to the completeness of the information contained in the enquiry results.

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Appendix H

Other Utilities

James Henderson

From: online.plantenquiries@cityfibre.com
Sent: 16 February 2017 15:34
To: James Henderson
Subject: CityFibre Plant Enquiry, issued on 16/02/17 15:30. Reference 1fqb8i228f81w0m.
Attachments: emap.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

You recently requested information pertaining to the above location and in relation to CityFibre Holdings Ltd plant.

Reference 1fqb8i228f81w0m
User: CFHplant
Title: 118877 - Whitehaven
Comment: Dear Sir/ Madam,

Please find attached a location plan for the above scheme at Elizabeth Crescent, Whitehaven. The grid reference for the site is OS X: 298690 Y: 519126. (Nearest postcode CA28 6JQ).

I would be obliged if you could advise whether you have any apparatus in the vicinity.

Please find attached a plan of the area of your interest that may contain plant which may be affected by your proposed works.

The validity of this response is 6 weeks, after such time a new enquiry would need to be made.

Please see the points of contact below if they are required:

Plant Enquiries
2nd Floor, Rutherford House
Birchwood Park
Warrington
WA3 6ZH
0333 150 7282
asset.team@cityfibre.com

Please quote the Reference ID in the subject line in any correspondence.

Please be aware that all information included in this eMap is the property of the sender and subject to copyright. It is illegal to copy or send this information to any third party without the permission of the sender.



LEGEND

- EXISTING PLANT
- EXISTING PLANT

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Licence No. OS 0100031673

Head Office
CityFibre Holdings Ltd
15 Bedford Street,
London,
WC2E 9HE
Tel: 0845 293 0774
Web: www.cityfibre.com

Asset Office
CityFibre Holdings Ltd,
Rutherford House,
Birchwood,
Warrington,
WA3 6ZH
Email: asset.team@cityfibre.com

Disclaimer:
Information shown on this plan is for general guidance only. No warranty is made as to its accuracy. This plan must not be solely relied upon in the event of excavation or other works being carried out in the vicinity of Cityfibre plant. No liability of any kind is accepted by Cityfibre, its agents or servants for any error, omission, discrepancy or deviation. This information is valid for the date printed.

Project
Plant Enquiry

Drawing
Existing Plant

Drawn by:
smallworld
Date: 16/02/2017

Drawing No.
CFH_EP_000001
Revision
001



James Henderson

From: Plantenquiries <plantenquiries@catelecomuk.com>
Sent: 21 February 2017 09:49
To: James Henderson
Subject: RE: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Follow Up Flag: Follow up
Flag Status: Flagged

Please Note: Our search criteria has changed. We previously searched for Colt Network which was within 200 metres, this has now changed to 50 metres. The negative response will be for all enquiries that the network is 50 metres or more away from the place of enquiry.

Dear Sir/Madam,

Thank you for your enquiry for the above reference.

We can confirm that Colt Technology Services do not have apparatus near the above location as presented on your submitted plan, if any development or scheme amendments fall outside the 50 metre perimeter new plans must be submitted for review.

Search is based on Overseeing Organisation Agent data supplied; we do not accept responsibility for O.O. Agent inaccurate data.

If we can be of any further assistance please do not hesitate to contact us.

Kind regards,

Plant Enquiry Team



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From: James Henderson [<mailto:james.henderson@fairhurst.co.uk>]
Sent: 14 February 2017 15:35

To: asset.team@cityfibre.com; Plantenquiries <plantenquiries@catelecomuk.com>; info@copeland.gov.uk; plantenquiries@energetics-uk.com; nrswa@cofely-gdfsuez.com; owen.maguire@hibernianetworks.com; plantenquiries@instalcom.co.uk; interoute.enquiries@plancast.co.uk; mbnl.plant.enquiries@turntown.com; plantenquiries@mcnicholas.co.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizonbusiness.com; osm.enquiries@atkinsglobal.com

Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Dear Sir/ Madam,

Please find attached a location plan for the above scheme at Elizabeth Crescent, Whitehaven. The grid reference for the site is OS X: 298690 Y: 519126. (Nearest postcode CA28 6JQ).

I would be obliged if you could advise whether you have any apparatus in the vicinity (red boundary on attached plan).

Should there be a charge for this enquiry, please do not hesitate to contact me on the details below,

Kind regards

James Henderson
Senior Technician

FAIRHURST

engineering solutions, delivering results

1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne, NE4 6DB
Tel: 0191 2210505 Fax: 0844 3814412
Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

CECA NE Project of the Decade Award Winners 2013
RTPI NE Award Winners 2013 - Urban Design
RICS NE Award Winners 2012 - Renaissance

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James Henderson

From: Joanne Weir <Joanne.Weir@copeland.gov.uk>
Sent: 16 February 2017 08:59
To: James Henderson
Cc: Michael Churm; tim@amcat-uk.com; Sean Reed; Tonia Birkett; Martyn Morton
Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN
Attachments: site location.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello James

I can confirm that Copeland Borough Council do not own any land within the area you have highlighted on the attached plan and therefore have no apparatus in the vicinity.

Regards
Jo

Joanne Weir
Estates & Projects Officer
Property Services

Copeland Borough Council
The Market Hall, Whitehaven, Cumbria CA28 7JG

Tel: 01946 598532
Mobile: 07919626668
E-mail: joanne.weir@copeland.gov.uk



From: Info
Sent: 15 February 2017 16:09
To: Property Email Group <PropertyEmailGroup@copeland.gov.uk>
Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Hi – Is this email for you guys?

Elaine

From: James Henderson [<mailto:james.henderson@fairhurst.co.uk>]
Sent: 14 February 2017 15:35
To: asset.team@cityfibre.com; plantenquiries@catelecomuk.com; Info <info@copeland.gov.uk>; plantenquiries@energetics-uk.com; nrsua@cofely-gdfsuez.com; owen.maguire@hibernianetworks.com; plantenquiries@instalcom.co.uk; interoute.enquiries@plancast.co.uk; mbnl.plant.enquiries@turntown.com; plantenquiries@mcnicholas.co.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizonbusiness.com;

osm.enquiries@atkinsglobal.com

Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Dear Sir/ Madam,

Please find attached a location plan for the above scheme at Elizabeth Crescent, Whitehaven. The grid reference for the site is OS X: 298690 Y: 519126. (Nearest postcode CA28 6JQ).

I would be obliged if you could advise whether you have any apparatus in the vicinity (red boundary on attached plan).

Should there be a charge for this enquiry, please do not hesitate to contact me on the details below,

Kind regards

James Henderson
Senior Technician

FAIRHURST
engineering solutions, delivering results

1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne, NE4 6DB
Tel: 0191 2210505 Fax: 0844 3814412
Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

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RICS NE Award Winners 2012 - Renaissance

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James Henderson

From: nrswa.uk@engie.com
Sent: 15 February 2017 12:47
To: James Henderson
Subject: RE: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Follow Up Flag: Follow up
Flag Status: Flagged

To whom it may concern

With regard to your request for details of existing services in the area of;

Location	Postcode	Grid Ref
Whitehaven	CA28	As Per Your Map

we can confirm that, based on the details provided to us, we have no buried plant or equipment in the identified area.

Kind Regards.

Philip. J. Tyler.

Document Controller
Urban Energy
UK & Ireland
philip.tyler@engie.com
Mob. +44 (0) 7562 310 024

Cofely GDF SUEZ is now ENGIE



engie.co.uk

**Kings Yard,
1 Waterden Road,
Queen Elizabeth Olympic Park
London E15 2GP - UK**

Please consider the environment before printing this message



From: James Henderson [<mailto:james.henderson@fairhurst.co.uk>]
Sent: 14 February 2017 15:35
To: asset.team@cityfibre.com; plantenquiries@catelecomuk.com; info@copeland.gov.uk;
plantenquiries@energetics-uk.com; NRSWA; owen.maguire@hibernianetworks.com;
plantenquiries@instalcom.co.uk; interoute.enquiries@plancast.co.uk; mbnl.plant.enquiries@turntown.com;

plantenquiries@mcnicholas.co.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizonbusiness.com; osm.enquiries@atkinsglobal.com

Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Dear Sir/ Madam,

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I would be obliged if you could advise whether you have any apparatus in the vicinity (red boundary on attached plan).

Should there be a charge for this enquiry, please do not hesitate to contact me on the details below,

Kind regards

James Henderson
Senior Technician

FAIRHURST

engineering solutions, delivering results

1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne, NE4 6DB
Tel: 0191 2210505 Fax: 0844 3814412
Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

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James Henderson

From: Plant Enquiries <plantenquiries@energetics-uk.com>
Sent: 15 February 2017 10:41
To: James Henderson
Subject: RE: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

Based on the information provided, I can confirm that Energetics does not have any plant within the area(s) specified in your request.

Please be advised that it may take around 10 working days to process enquiries. In the unlikely event that you have been waiting longer than 10 working days, or require further assistance with outstanding enquiries, please call 01698 404945.

Please ensure all plant enquiries are sent to plantenquiries@energetics-uk.com

Regards

Plant Enquiries

E: plantenquiries@energetics-uk.com
W: www.energetics-uk.com

energetics

International House, Stanley Boulevard, Hamilton International Technology Park, Glasgow



From: James Henderson [<mailto:james.henderson@fairhurst.co.uk>]

Sent: 14 February 2017 15:35

To: asset.team@cityfibre.com; plantenquiries@catelecomuk.com; info@copeland.gov.uk; Plant Enquiries; nrsua@cofely-gdfsuez.com; owen.maguire@hibernianetworks.com; plantenquiries@instalcom.co.uk; interoute.enquiries@plancast.co.uk; mbnl.plant.enquiries@turntown.com; plantenquiries@mcnicholas.co.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizonbusiness.com; osm.enquiries@atkinsglobal.com

Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

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Kind regards

James Henderson
Senior Technician



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1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne, NE4 6DB
Tel: 0191 2210505 Fax: 0844 3814412
Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

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James Henderson

From: plantenquiryservice@gtc-uk.co.uk
Sent: 14 February 2017 15:30
To: James Henderson
Subject: GTC Plant Enquiry - Ref- 378008
Attachments: 378008.png

Follow Up Flag: Follow up
Flag Status: Flagged

GTC Apparatus Not Found In Search Area

Our Plant Enquiry Service Ref: 378008
Your Enquiry Ref: 118877 - WHITEHAVEN

Dear James,

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work. GTC can confirm that we have no apparatus in the vicinity but please note that other asset owners may have and ensure all utility owners have been consulted. For your records, the search area is shown in the attached map.

Please note our assets now include those owned and operated by:

- GTC Pipelines Limited
- Independent Pipelines Limited
- Quadrant Pipelines Limited
- Electricity Network Company Limited
- Independent Power Networks Limited
- Independent Water Networks Limited
- Independent Fibre Networks Limited
- Independent Community Heating Limited

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

Your sincerely,

GTC Plant Enquiry Service.

GTC
Energy House
Woolpit Business Park
Woolpit
Bury St Edmunds
Suffolk, IP30 9UP
Tel: 01359 240363
plant.enquiries@gtc-uk.co.uk

NOTE:

This E-Mail originates from GTC, Energy House, Woolpit Business Park, Woolpit, Bury St Edmunds, Suffolk, IP30 9UP

VAT Number: GB688 8971 40. Registered No: 029431.

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Thank you



Instalcom Ltd, Borehamwood Ind. Park, Rowley Lane, Borehamwood, Herts, WD6 5PZ
Telephone: 0208 731 4600 Fax: 0208 731 4601 Email: plantenquiries@instalcom.co.uk

04 August 2017

Dear Sir or Madam,

Your Ref: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN
Our Ref: E02-17- 3849

With reference to your enquiry regarding the above noted location, I can confirm that LEVEL 3, GLOBAL CROSSING (UK) LTD, GLOBAL CROSSING PEC FIBERNET UK LTD and FIBRESPAN LTD networks **DO NOT** have any apparatus within the immediate proximity of your proposed works.

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. 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. 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
Phone: - 020 8731 4600
Fax: - 020 8731 4601
www.instalcom.co.uk

James Henderson

From: Interoute Enquiries <interoute.enquiries@plancast.co.uk>
Sent: 15 February 2017 09:48
To: James Henderson
Subject: RE: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Follow Up Flag: Follow up
Flag Status: Flagged

This response does not include Vtesse plant, please continue to use Vtesse details for their enquiries

To whom it may concern

Thank you for your enquiry regarding the above proposals at the above location

We would advise that we are unaware of any Interoute plant or services in this Location as indicated in your enquiry.

We bring to your attention the fact that whilst we try to ensure the information we provide is accurate, the information is provided Without Prejudice and Interoute and its Agents accept no liability for claims arising from any inaccuracy, omissions or errors contained in this response.

All responses are only valid for 28 days

Yours faithfully

PLANCAST Plant Enquiry Department



The Old Haybarn
Rosebery Mews, Mentmore
Bedfordshire LU7 0UE

T: 01296 662647
www.plancast.co.uk

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Registered in England and Wales with number 4455025 VAT No. 8567 195 80

From: James Henderson [<mailto:james.henderson@fairhurst.co.uk>]

Sent: 14 February 2017 15:35

To: asset.team@cityfibre.com; plantenquiries@catelecomuk.com; info@copeland.gov.uk; plantenquiries@energetics-uk.com; nrswa@cofely-gdfsuez.com; owen.maguire@hibernianetworks.com; plantenquiries@instalcom.co.uk; Interoute Enquiries <interoute.enquiries@planacast.co.uk>; mbnl.plant.enquiries@turntown.com; plantenquiries@mcnicholas.co.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizonbusiness.com; osm.enquiries@atkinsglobal.com

Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Dear Sir/ Madam,

Please find attached a location plan for the above scheme at Elizabeth Crescent, Whitehaven. The grid reference for the site is OS X: 298690 Y: 519126. (Nearest postcode CA28 6JQ).

I would be obliged if you could advise whether you have any apparatus in the vicinity (red boundary on attached plan).

Should there be a charge for this enquiry, please do not hesitate to contact me on the details below,

Kind regards

James Henderson
Senior Technician

FAIRHURST

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1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne, NE4 6DB
Tel: 0191 2210505 Fax: 0844 3814412
Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

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James Henderson

From: Demi McQueeney <DemiM@sourcedesignservices.co.uk>
Sent: 08 March 2017 12:20
To: James Henderson
Subject: FW: PLANT ENQUIRY RESPONSES - NOT AFFECTED - KPN & TATA

Follow Up Flag: Follow up
Flag Status: Flagged

The locations below are NOT AFFECTED by KPN & TATA apparatus.

118877 Fairhurst Elizabeth Crescent, Whitehaven, CA28 6JQ

Please quote these references on any correspondence.

Please note:

McNicholas, on behalf of our client, accept no liability for claims arising from inaccuracies, omissions or errors contained within your plant enquiry request.

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

Kind Regards,



Demi McQueeney
Administrator

Part of the  **McNicholas** Group



Demi McQueeney
Administrator

Part of the  **McNicholas** Group

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FAIRHURST
1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne
NE4 6DB

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

Tel: 0870 888 3116 Opt 2
Fax: 01268 468557

Plant Enquiry Ref: VM.176729
Your Letter Date: 22.05.2017
Your Ref: NA
Date: 23.05.2017

Dear Sir/Madam

Enquiry Location:

Elizabeth Crescent, Whitehaven CA28 6JQ

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

Virgin Media and Viatel plant should not be affected by your proposed work and no strategic additions to our existing network are envisaged in the immediate future.

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:

Virgin Media
New Build
Virgin Media
1 Dove Wynd
Strathclyde Business Park
Bellshill
ML4 3AL

This information is only valid on the date of issue. If your start date is 3 months or more from the date of this letter, please re-apply for updated information.

Yours faithfully,

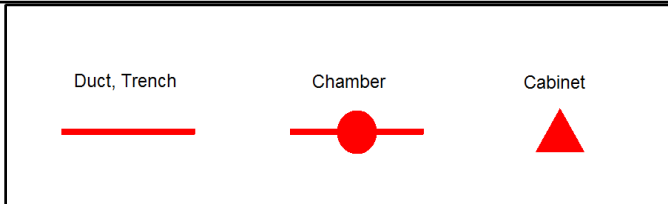
National Plant Enquiries Team
email: plant.enquiries.team@virginmedia.co.uk

Please note: National Plant Enquiries Team (Bradford) cover and respond to plant enquiries for all ex ntl:Telewest franchise areas.



(c) Crown copyright and database rights 2017 Ordnance Survey 100019209 Date: 23/05/17 Scale: 1:4715 Map Centre: 298690,519126 Data updated: 07/05/17 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 2017 Ordnance Survey 100019209.



alasonjennifer.nathan@virginmedia.co
VM.176729



James Henderson

From: UK OSP-Team <osp-team@uk.verizon.com>
Sent: 15 February 2017 12:08
To: James Henderson
Cc: UK OSP-Team
Subject: RE: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Sir/Madam

Verizon is a licensed Statutory Undertaker.

We have reviewed your plans and have determined that Verizon (Formally known as MCI WorldCom, MFS) has no apparatus in the areas concerned.

If you have any further queries please do not hesitate to get in touch.

Yours faithfully

Plant Protection Officer (GB) Email osp-team@uk.verizon.com

From: James Henderson [<mailto:james.henderson@fairhurst.co.uk>]
Sent: 14 February 2017 15:35
To: asset.team@cityfibre.com; plantenquiries@catelecomuk.com; info@copeland.gov.uk; plantenquiries@energetics-uk.com; nrswa@cofely-gdfsuez.com; owen.maguire@hibernianetworks.com; plantenquiries@instalcom.co.uk; interoute.enquiries@plancast.co.uk; mbnl.plant.enquiries@turntown.com; plantenquiries@mcnicholas.co.uk; assetrecords@utilityassets.co.uk; UK OSP-Team; osm.enquiries@atkinsglobal.com
Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

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Kind regards

James Henderson
Senior Technician



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1 Arngrove Court,
Barrack Road,
Newcastle upon Tyne, NE4 6DB
Tel: 0191 2210505 Fax: 0844 3814412
Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

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Verizon UK Limited - registered in England & Wales - registered number 2776038 - registered office at Reading International Business Park, Basingstoke Road, Reading, Berkshire, UK RG2 6DA - VAT number 823 8170 33

James Henderson

From: Khandke, Harshita <Harshita.Khandke@atkinsglobal.com>
Sent: 20 February 2017 09:40
To: James Henderson
Subject: RE: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

Follow Up Flag: Follow up
Flag Status: Flagged

Please accept this email as confirmation that Vodafone: Fixed **does not** have apparatus within the vicinity of your proposed works detailed below.

Many thanks.

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.

IMPORTANT - PLEASE READ:

Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered, where apparatus is affected. Where apparatus is affected and requires diversion, you must submit draft details of the proposed scheme with a request for a 'C3 Budget Estimate' to c3requests@vodafone.com. These estimates should be provided by Vodafone 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).

From: James Henderson [mailto:james.henderson@fairhurst.co.uk]
Sent: 14 February 2017 21:05
To: asset.team@cityfibre.com; plantenquiries@catelecomuk.com; info@copeland.gov.uk; plantenquiries@energetics-uk.com; nrswa@cofely-gdfsuez.com; owen.maguire@hibernianetworks.com; plantenquiries@instalcom.co.uk; interoute.enquiries@plancast.co.uk; mbnl.plant.enquiries@turntown.com; plantenquiries@mcnicholas.co.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizonbusiness.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>
Subject: FW: 118877 - LAND OFF ELIZABETH CRESCENT, WHITEHAVEN

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Kind regards

James Henderson

Senior Technician



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Barrack Road,

Newcastle upon Tyne, NE4 6DB

Tel: 0191 2210505 Fax: 0844 3814412

Email: james.henderson@fairhurst.co.uk Website: www.fairhurst.co.uk

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From: Interoute Plant Enquiries <do-not-reply@interoute.com>
Sent: 15 February 2017 14:10
To: James Henderson
Subject: Your Interoute (Vtesse) Plant Enquiries order from 15th February 2017 is complete

Follow Up Flag: Follow up
Flag Status: Flagged

Your order is complete

Your recent order on Interoute (Vtesse) Plant Enquiries has been completed. No results were found in the specified search criteria. Your order details are shown below for your reference:

Order #12073

Product	Quantity	Price
<p>Standard Enquiry Search Radius: 250m Urgent Request: No Address: LAND OFF ELIZABETH CRESCENTWHITEHAVENCUMBRIA, CUMBRIA CA28 6JQUnited KingdomMap It Eastings: 298690 Northings: 519126 Description: Dear Sir/ Madam,</p> <p>Please find attached a location plan for the above scheme at Elizabeth Crescent, Whitehaven. The grid reference for the site is OS X: 298690 Y: 519126. (Nearest postcode CA28 6JQ).</p> <p>I would be obliged if you could advise whether you have any apparatus in the vicinity (red boundary on attached plan). Reason for Enquiry: New Development. Residential Supporting Documentation: ["https://plant.interoute.com/wp-content/uploads/gravity_forms/2-ef3c1fd00acb16b354efe70e960ec381/2017/02/site-location.pdf"]</p>	1	£55.00

Your Reference: 118877 - WHITEHAVEN		
Subtotal:		£55.00
VAT:		£11.00
Payment Method:		Credit Card via SagePay
Total:		£66.00

Your details

Email: james.henderson@fairhurst.co.uk

Tel: 01912210505

Billing address

R Bryson
Fairhurst
225 Bath Street
Glasgow
G2 4GZ

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