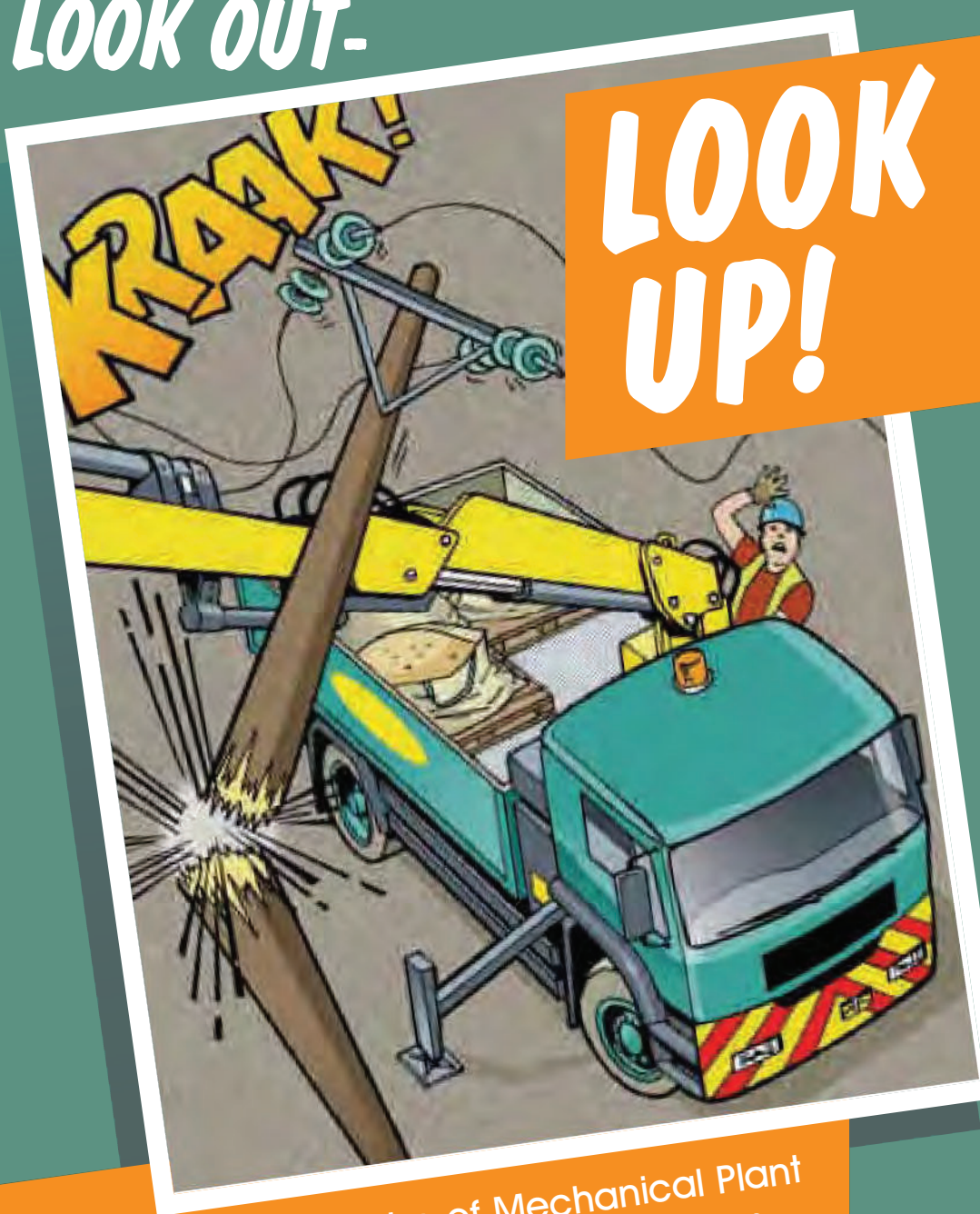


LOOK OUT-

LOOK UP!



**A Guide to the Safe Use of Mechanical Plant
in the Vicinity of Electricity Overhead Lines**

The Safe Use of Mechanical Plant in the Vicinity of Electricity Overhead Lines

Introduction

Every year in the UK on average, two people are killed and many more are injured when mechanical plant and machinery comes into contact or close proximity to overhead electricity lines.

This booklet has been produced for anyone who uses mobile plant, (such as Hiabs, MEWPs, Tipper Lorries and Trailers, Grab Lorries, Concrete Conveyors and Excavators) for short duration work and provides general guidance on how to avoid becoming part of these statistics.



1 BEFORE STARTING WORK

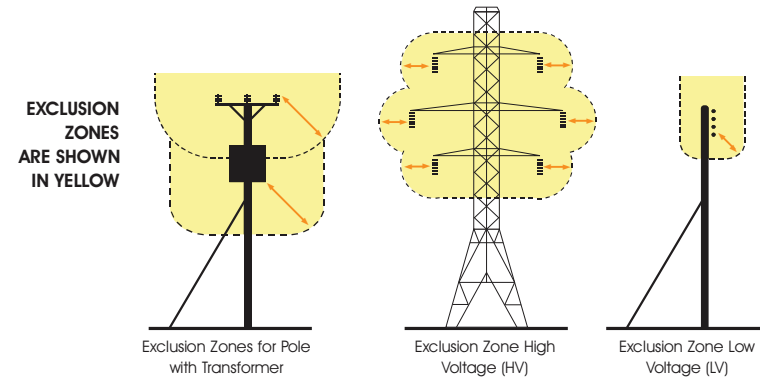
- Overhead lines have the advantage that they can easily be seen, so before you set up your vehicle or plant always:

STOP AND LOOK UP!

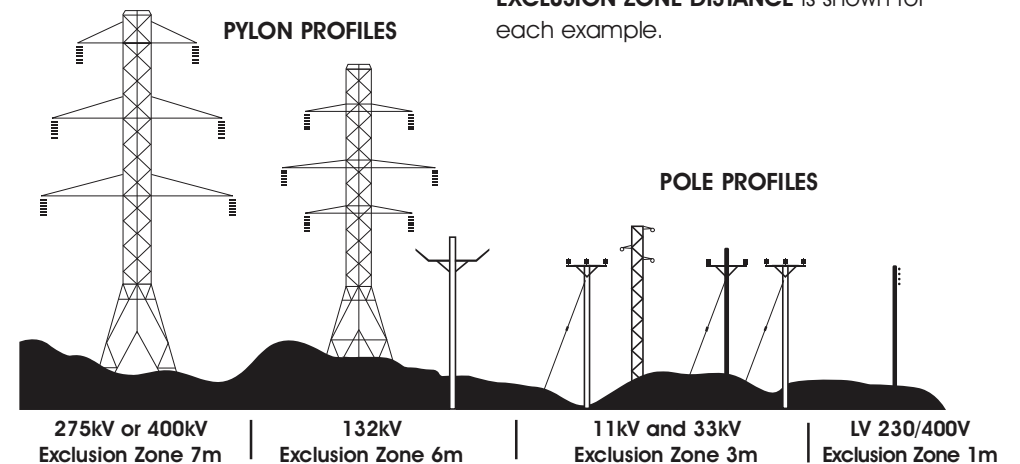
- If you are working at night, or in conditions of poor visibility, you should use spotlights or a torch to carefully check that there are no overhead lines within your vehicle's reach.
- Always assume that our lines are live unless we have informed you otherwise in writing.
- If you are in any doubt about whether the lines in question are power or telephone (this is a very common mistake) – always assume that they are power lines and are live.
- It is not normally practical for electricity companies to shroud high voltage conductors and even when low voltage conductors are shrouded, the shrouding is not designed to protect against contact by mechanical plant – again, always assume the lines are live.

2 EXCLUSION ZONES

- Overhead power lines are not normally insulated and so any contact can result in serious or fatal injuries.
- Electricity at high voltages can also jump gaps with no warning whatsoever, so it is also dangerous to let your plant approach too close to a line.
- The distance that electricity can jump depends on the voltage of the line. The higher the voltage, the further you must stay away from the line and any other equipment that may be fitted to the pole or pylon. This distance is called the **EXCLUSION ZONE**. Examples of this are shown highlighted in the diagram below.



- You must not allow any part of your plant to enter the **EXCLUSION ZONE**.
- The diagram below shows typical types of overhead lines and provides a guide to help you assess the line voltage of lines on wooden poles or steel pylons. The minimum **EXCLUSION ZONE DISTANCE** is shown for each example.

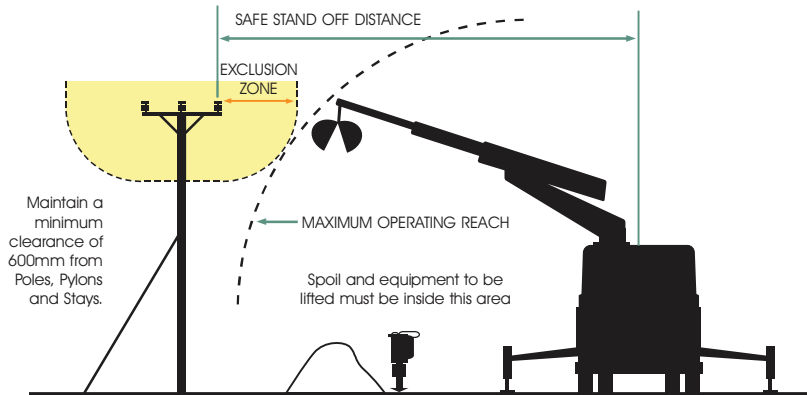


- Please note that these are absolute minimum distances that should under no circumstances be infringed. **If you do – it could prove fatal.**

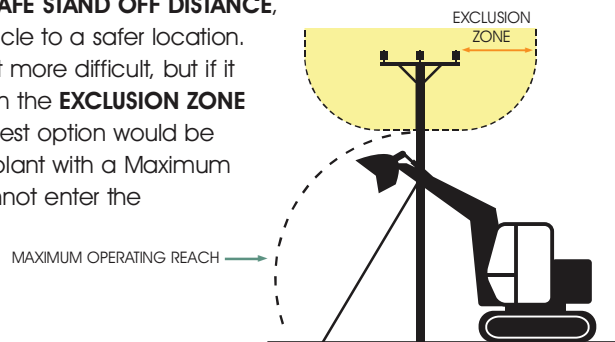
- As well as staying away from the lines or equipment, you should also stay at least 600mm away from any part of poles, pylons and stay wires.
- Please remember that is for guidance only, and if you are in any doubt, please call us for advice before setting up your plant or starting work.

3 STAND OFF DISTANCES

- If there are power lines in the vicinity of your work the best way to make sure you stay out of the **EXCLUSION ZONE** is to position your vehicle at a **SAFE STAND OFF DISTANCE** so that, even when fully extended, no part of it can accidentally reach inside the **EXCLUSION ZONE**.
- This **SAFE STAND OFF DISTANCE** can be calculated by adding the **EXCLUSION ZONE** distance for the appropriate voltage of the line to the Maximum Operating Reach of your vehicle. This is shown in the diagram below.



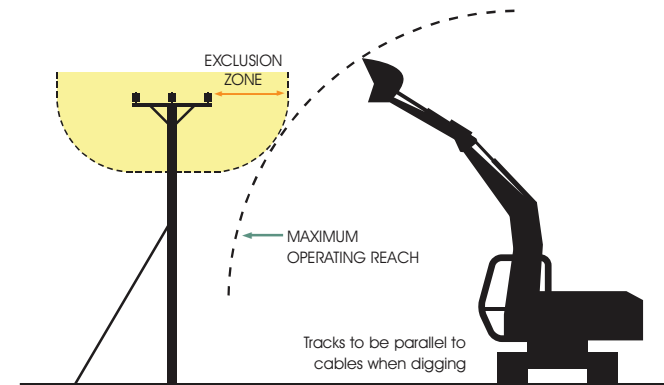
- If you position your vehicle outside of the **SAFE STAND OFF DISTANCE**, there is no risk of accidental contact with the lines and no danger of electricity jumping from the line to your vehicle.
- If you cannot achieve a **SAFE STAND OFF DISTANCE**, consider moving your vehicle to a safer location. It may make your job a bit more difficult, but if it means you stay away from the **EXCLUSION ZONE** - it will be safer. The next best option would be to consider using smaller plant with a Maximum Operating Reach that cannot enter the **EXCLUSION ZONE**.



- You may not be able to achieve either of these options, so, as a last resort, if you cannot avoid operating large items of plant in the vicinity of lines, you **MUST** make sure that the plant is fitted with restraints to ensure that the **EXCLUSION ZONE** cannot be entered. These restraints may be electrical or hydraulic systems fitted to the plant, or mechanical devices such as chains.

Please seek advice from the plant manufacturer for more information on choices available for your particular item of plant.

- If you are using a mechanical excavator to dig parallel to the line, it is good practice to position the excavator with the tracks or wheels parallel to the line, so as you move along the excavation the **SAFE STAND OFF DISTANCE** is easily maintained.



- Care must also be taken to avoid non-mechanical equipment, (e.g. scaffold poles, ladders and long loads such as lengths of steel or timber) from entering the **EXCLUSION ZONE**.
- Always maintain at least 600mm clearance from your plant to any of our poles, stay wires or pylons. Any contact with these by your plant could cause the line to break and fall to the ground.

4 EMERGENCY PROCEDURES

If contact is made with an overhead line, you must immediately clear the area and suspend all work within 50m of the damage because the line could still be live, or become live again.

The operator of a machine that is in contact with an overhead line should take the following steps:

- **If the machine is still operable:**
 - lower any raised parts that are controlled from the driving position and/or drive the vehicle clear of the line, as long as neither of these actions risk breaking the line or dragging it to the ground.

- **If the machine is not operable or cannot be driven clear of the line:**
 - stay in the cab.
 - contact your site manager or us immediately by radio or mobile phone or as soon as possible by any other method.
 - instruct everyone outside the vehicle not to approach it.
 - do not exit the cab until given confirmation BY WPD PERSONNEL that it is safe to do so.

- **If the machine is inoperable or cannot be driven free and there is risk of fire or other immediate hazard:**
 - jump clear of the vehicle, avoiding simultaneous contact with any part of the machine and the ground.
 - try to land with your feet as close together as possible.
 - where possible, continue to move away from the vehicle using "bunny hops" with your feet together until at least 15m from the vehicle.
 - instruct other people in the vicinity not to approach the vehicle.
 - do not return to the vehicle until given confirmation BY WPD PERSONNEL that it is safe to do so.

Whatever the circumstances please contact us on our emergency number immediately and tell us what has happened.

Please be ready to provide us with a contact telephone number and an accurate location or set of directions – this will help us in getting our staff to site quickly to minimise any danger and to reduce any disruption to your work.

Our emergency number is:

105 or 0800 6783 105

Please report any damage or contact no matter how minor they may seem to you at the time. Whilst the damage may not cause a serious problem at the time of contact it could fail later, causing danger to our staff and members of the public, disruption to our customer's supplies, and – if we trace the damage back to you – a larger repair bill!

5 MORE INFORMATION

- Proximity Warning Systems (such as Wire Watcher – see wirewatcher.co.uk for information) may be fitted to your vehicle. Never turn these devices off or disable them in any way.
- Take note of any warnings these proximity warning systems may provide but do not use the presence of such devices as a reason not to follow the advice provided in this leaflet.
- For your information, we are legally obliged to report all contact with our system to the Department of Trade and Industry (DTI), and, if you are an employer, you may be obliged to report incidents involving your staff or contractors to the Health & Safety Executive (HSE). Even if no one is hurt, you could still find yourself being prosecuted for causing a dangerous occurrence.

6 FURTHER READING

For advice related to signing and guarding at longer term work sites please also refer to WPD booklet "Avoidance of Danger from Electricity Overhead Lines and Underground Cables"

More detailed information is also published in the following documents available from the HSE.

GS6 – Avoidance of Danger from Overhead Lines.

HS(G) 47 – Avoiding Danger from Underground Services.

Along with Forestry Industry Safety Accord (FISA) publication **FISA 804 - Electricity at Work: Forestry.**

If you require more site-specific information relating to our equipment at your location please contact us on the relevant **GENERAL ENQUIRIES NUMBER:**

0800 096 3080

FINALLY.... Please, always remember that electricity overhead lines can be very dangerous – **the general rule is *STAY AWAY and STAY SAFE!***

For the Safe Use of Mechanical Plant in the Vicinity of Electricity Overhead Lines ALWAYS FOLLOW THESE SIMPLE RULES – THEY COULD SAVE YOUR LIFE!

- Treat all overhead lines as live and dangerous
- Any contact may be fatal or cause very serious injuries
- Electricity can jump gaps
- Before you set up or use plant near to lines – STOP and LOOK UP
- Take special care and use lights in the dark or poor light conditions
- If there are lines in the vicinity of your work – stay well away
- Set up your plant with care to reduce the chance of contact
- If you are unsure or need advice
 - please ask us before starting work

Our emergency number is: **105 or 0800 6783 105**

You can also call 105 if you spot damage to electricity power lines, poles and substations which could put you or someone else in danger.

If there's a serious immediate risk, you should also call the emergency services.

This booklet is issued by the Safety Team: wpsafetyhelpline@westernpower.co.uk



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Western Power Distribution (South Wales) plc. Registered in England and Wales No. 2366985
Western Power Distribution (South West) plc. Registered in England and Wales No. 2366894
Registered Office: Avonbank, Feeder Road, Bristol BS2 0TB

THIRD PARTY SEARCHES

91 Market Street Hoylake Wirral CH47 5AA
Tel. 0151 632 5142
enquiries@cornerstoneprojects.co.uk
www.cornerstoneprojects.co.uk
VAT Reg. No. 851 4941 19
Company No. 5132353



Search requested by:

Date / Time: Mon, 13 Sep 2021 4:29

| | | | |
|----------------|---|------------------|--------------------------|
| Name | DUNCAN | Company | CORNERSTONE PROJECTS LTD |
| Address | 91 Market Street, Hoylake, Wirral, CH47 5AA | | |
| Email | searches@cornerstoneprojects.co.uk | Telephone | 01516325142 |

Search details:

| | | | |
|-----------------------|-----------------|-----------------------|-------|
| Site Name | 7935B | Work type | Other |
| Site Ref. No 1 | 7935B | Site Ref. No 2 | |
| Address | CF3 1XQ | | |
| Grid Reference | 322680 / 180436 | | |

Search area:



Affected Utilibilly asset owners - please click 'Order affected plans' button below to have detailed plans emailed to you

| Utility | Results Valid Until | Plan Cost | Order |
|-------------------|---------------------|-----------|-------------------------------------|
| CGI Logica | Thu, 23 Sep 2021 | £0.00 | <input checked="" type="checkbox"/> |
| Total Cost | | £0.00 | Order affected plans |

Unaffected Utilibilly asset owners:

| |
|------------------|
| Albion Water |
| SOTA |
| Telent |
| KCom |
| Cholderton Water |
| Leep Utilities |
| Trafficmaster |
| Engie |
| Enviroenergy |
| Wight Fibre |

Providing Professional Services to the UK's Construction Industries



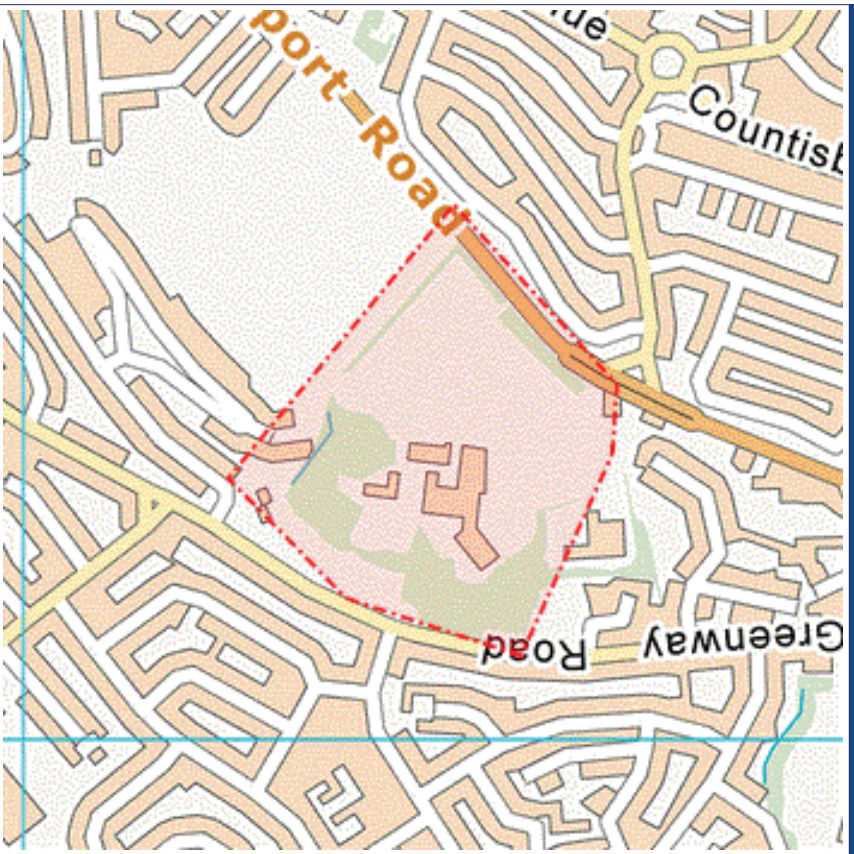
Utility is the plant enquiry division of Cornerstone Projects Ltd
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Registered in England, 91 Market Street, Hoylake, Wirral, CH47 5AA

| Enquirer | | | |
|----------|--|--------|--------------|
| Name | Mr Duncan Phillips | Phone | 01516325142 |
| Company | Cornerstone Projects | Mobile | Not Supplied |
| Address | 91 Market Street Hoylake Merseyside CH47 5AA | | |
| Email | searches@cornerstoneprojects.co.uk | | |

| Enquiry Details | | | |
|----------------------|---------------------|-------------------|-----------------------|
| Scheme/Reference | 7935B | Work category | Development Projects |
| Enquiry type | Initial Enquiry | Work type | Commercial/Industrial |
| Start date | 30/09/2021 | Site size | 108632 metres square |
| End date | 30/09/2021 | Work type buffer* | 75 metres |
| Searched location | XY = 322679, 180434 | | |
| Confirmed location | 322688 180394 | | |
| Site Contact Name | Not Supplied | Site Phone No | Not Supplied |
| Description of Works | | | |

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

Site Map



Asset Owners

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.linesearchbeforeudig.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.

Notes. Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.

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 LinesearchbeforeUdigi 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.

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 |
|----------------------------|-------------|----------------|----------------|
| ESP Utilities Group | 01372227560 | 01372227560 | Await response |
| Wales and West Utilities | 02920278912 | 0800111999 | Await response |
| Western Power Distribution | 08000963080 | 08006783105 | 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 and this list may vary for new enquiries in the same area.

List of not affected LSBUD members

| | | |
|--|--|--|
| AWE Pipeline | Balfour Beatty Investments Limited | BOC Limited (A Member of the Linde Group) |
| Box Broadband | BP Exploration Operating Company Limited | BPA |
| Cadent Gas | Carrington Gas Pipeline | CATS Pipeline c/o Wood Group PSN |
| Cemex | Centrica Storage Ltd | CNG Services Ltd |
| Concept Solutions People Ltd | ConocoPhillips (UK) Teesside Operator Ltd | Diamond Transmission Corporation |
| DIO (MOD Abandoned Pipelines) | DIO (MOD Live Pipelines) | E.ON UK CHP Limited |
| EirGrid | Electricity North West Limited | ENI & Himor c/o Penspen Ltd |
| EnQuest NNS Limited | EP Langage Limited | ESSAR |
| Esso Petroleum Company Limited | euNetworks Fiber UK Ltd | Exolum Pipeline System |
| Fulcrum Pipelines Limited | Gamma | Gas Networks Ireland (UK) |
| Gateshead Energy Company | Gigaclear Ltd | Git |
| Harbour Energy | Heathrow Airport LTD | Humbly Grove Energy |
| IGas Energy | INEOS FPS Pipelines | INEOS Manufacturing (Scotland and TSEP) |
| INOVVN ChlorVinyls Limited | INOVVN Enterprises Limited | Intergen (Coryton Energy or Spalding Energy) |
| Jurassic Fibre Ltd | Last Mile | Mainline Pipelines Limited |
| Manchester Jetline Limited | Manx Cable Company | Marchwood Power Ltd (Gas Pipeline) |
| Melbourn Solar Limited | Murphy Utility Assets | National Grid Electricity Transmission |
| National Grid Gas Transmission | Neos Networks | Northumbrian Water Group |
| NPower CHP Pipelines | NTT Global Data Centers EMEA UK Ltd | NYnet Ltd |
| Oikos Storage Limited | Ørsted | Palm Paper Ltd |
| Perenco UK Limited (Purbeck Southampton Pipeline) | Petrolneos | Phillips 66 |
| Portsmouth Water | Premier Transmission Ltd (SNIP) | Redundant Pipelines - LPDA |
| RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station) | RWEpower (Little Barford and South Haven) | SABIC UK Petrochemicals |
| Scottish and Southern Electricity Networks | Scottish Power Generation | Seabank Power Ltd |
| SES Water | SGN | Shell |
| Shell NOP | SSE Generation Ltd | SSE Transmission |
| SSE Utility Solutions Limited | Tata Communications (c/o JSM Construction Ltd) | Total Colnbrook Pipelines |

| | | |
|---------------------------------------|---|-------------------------------------|
| Total Finaline Pipelines | Transmission Capital | UK Power Networks |
| Uniper UK Ltd | University of Cambridge Granta Backbone Network | Vattenfall |
| Veolia ES SELCHP Limited | Veolia ES Sheffield Ltd | VPI Power Limited |
| West of Duddon Sands Transmission Ltd | Westminster City Council | Zayo Group UK Ltd c/o JSM Group Ltd |

CABLE

91 Market Street Hoylake Wirral CH47 5AA
Tel. 0151 632 5142
enquiries@cornerstoneprojects.co.uk
www.cornerstoneprojects.co.uk
VAT Reg. No. 851 4941 19
Company No. 5132353

Searches - Cornerstone Projects Ltd

From: Abdul Shukur, Shaik <Shaik.AbdulShukur@atkinsglobal.com>
Sent: 14 September 2021 12:43
To: Searches - Cornerstone Projects Ltd
Subject: RE: Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud
Attachments: Ysgol Uwchradd-1.pdf; Ysgol Uwchradd-2.pdf; Vodafone External Apparatus Special Requirements.pdf

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

Please see attached network information.

Please also note that according to our records there is leased and/or third party network within your proposed works. However, because the plant is leased/third party we strongly recommend you contact all other utility providers to gather the extent of services within that area. Unfortunately, we are unable to advise who the plant is leased to or who the third party is.

Note: Only affected parts are 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.

If you require a quote for new development, commercial site connections - please email your requirements and associated plans to c3requests@vodafone.com and a budget estimate will be returned, within 10 working days of receipt

Plant Enquiries Team
T: +44 (0)1454 662881
E: osm.enquiries@atkinsglobal.com

This response is made only in respect to electronic communications apparatus forming part of the Vodafone Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK (now re-named Vodafone Enterprise UK), Energis Communications Limited, Thus Group Holdings Limited and Your Communications Limited.

ATKINS working on behalf of Vodafone: Fixed

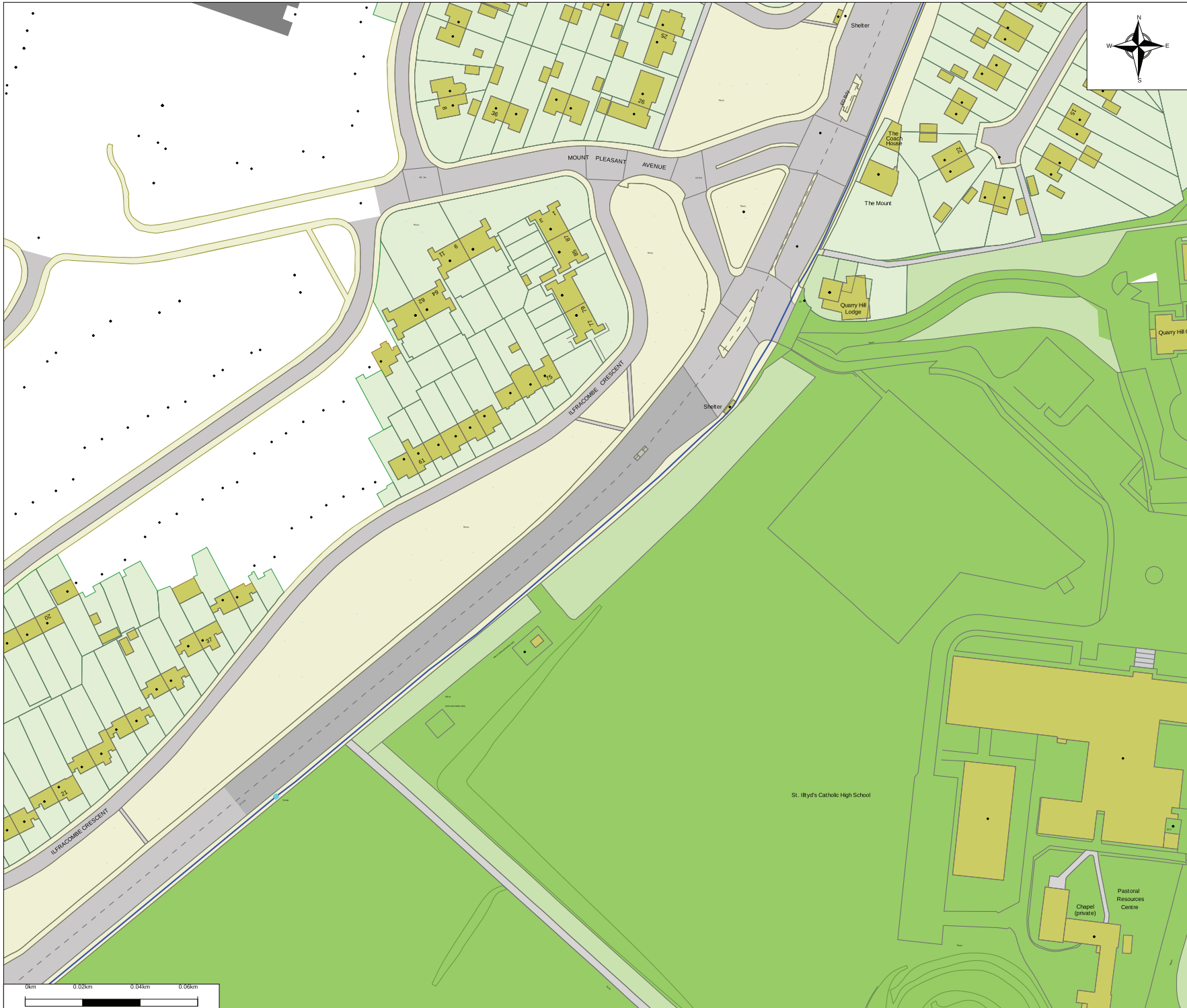


PLEASE NOTE:

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.



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Legend

- Access Chamber.Location Active Footway Chamber
- Underground Route.Route Act. - Owned
- Underground Route.Route Act. - Leased



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

| | |
|------------------------|----------------|
| Plot Date : 14/09/2021 | Scale : 1:1250 |
|------------------------|----------------|

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

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



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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 (see Appendix B for further information on what constitutes 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.



Special Requirements relating to the External Plant Network of Vodafone

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 Volume 3 Guidelines on the Management of Third Party Cable Ducting 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. It should be noted that it is an offence to interfere with Vodafone apparatus without first contacting the company for advice.

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.

6. Definitions

The following definitions are applicable in this document:

- a) **Apparatus** - means all surface or sub-surface equipment and plant used by Vodafone including any associated cables or ducts owned, leased or rented by 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.



Special Requirements relating to the External Plant Network of Vodafone

- 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 or Roads Authorities, Developers, Street/Roads Authority Section 50/109 licensees
- 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 Vodafone via the contact list in Appendix B.

Upon receipt of this notification, Vodafone will identify if their apparatus is affected. If any Vodafone apparatus is affected by the works then they will arrange for the necessary records to be provided 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 Vodafone 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

Street furniture such as 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. NJUG Volume 1, Guidelines on the positioning and colour coding of underground utilities' apparatus refers.

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 Vodafone 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 **Vodafone 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 Plant Enquiries Team as soon as possible to assess the situation.

When excavating, moving or backfilling (including use of Formed Concrete for Reinstatements – FCR) around Vodafone apparatus, **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.



Special Requirements relating to the External Plant Network of Vodafone

Other Parties or Contractors are advised to refer to the National Joint Utilities Group publication: NJUG Volume 1 - Guidelines on the Positioning and Colour Coding of Underground Utilities' Apparatus

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. If a situation arises that requires urgent attention Vodafone will endeavour to attend site within 2 hours for all other occasions arising, 24 hours.

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 their 24/7 number, (for contact details please refer to Appendix A).

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.



16. Appendix A – Street Works Team Contacts for Vodafone

| Function | Address | Phone | Email Address |
|---|--|---------------|--|
| Streetworks Team | Vodafone, Street Works, Faraday House, Ground Floor, The Connection, Newbury, RG14 2FN | 0333 304 0759 | utilitiescentre@vodafone.com |
| Customer Complaints | n/a | 0333 304 0762 | n/a |
| Liability Claims Or Damage to Vodafone Apparatus | Vodafone Damage Claims, 1-2 Berkeley Square, 99 Berkeley Street Glasgow G3 7HR | 0333 304 1104 | claims@vodafone.com |
| Diversionary Works C2/C3 | Atkins Global, PO Box 290, 500 Aztec West, Almondsbury, Bristol, BS32 4RZ. | 01454 662881 | osm.enquiries@atkinsglobal.com |
| Diversionary Works C4 / Escalators Networks Manager | Vodafone, Diversionary Works, 1-2 Berkeley Square, 99 Berkeley Street Glasgow G3 7HR | 0141 303 2855 | c3requests@vodafone.com |
| Emergencies 24 Hour – Defects & Faults | n/a | 0333 304 0762 | n/a |
| Vodafone Plant Enquiries includes: Cable & Wireless; Mercury Comms; Thus plc; Scottish Telecoms; Your Comms; Norweb Comms; Energis | Atkins Global PO Box 290 500 Aztec West, Almondsbury, Bristol, BS32 4RZ | 01454 662881 | osm.enquiries@atkinsglobal.com |



17. Appendix B – What constitutes Vodafone Network

Vodafone own fibre network, dedicated to business and residential users of telecommunications and has an international cable network that provides connectivity to 153 countries, either directly or indirectly through partners, reaching across the Atlantic Ocean, through Europe and on to India and throughout Asia. Spanning approximately 500,000 km in length, including interests in more than 69 major global cable systems, our next-generation network improves the quality and performance of telecommunications services through our use of advance optical and IP transmission.

In the UK & Ireland Vodafone's overall network includes the following legacy networks now owned through acquisitions or Company name changes.

Below are examples of what you could see on the streets and should be aware of:



Cable & Wireless became Cable & Wireless Worldwide in 2010





Special Requirements relating to the External Plant Network of Vodafone



Mercury Communications – changed its name to Cable & Wireless in 1996



energis

Energis – was acquired by Cable Wireless in 2005





Thus plc was acquired by Cable & Wireless in 2008



Scottish Telecom

Scottish Telecom demerged from its parent company Scottish Power to become Thus plc in 2002





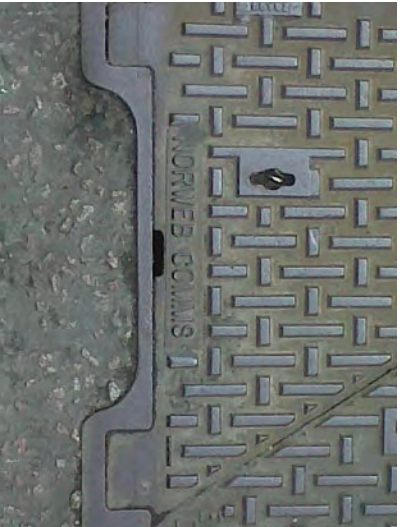
your communications

Your Communications was integrated into Thus plc in 2006



NORWEB COMMS

Norweb Communications became Your Communications in 2000



Our apparatus is installed in roads and streets of UK and Ireland, however in some places is undistinguishable from other operators' apparatus, for example in City Centres where high quality infill modular paving chamber covers are found; some with labels and some without.

See below as examples:

Last Saved: 25/01/2021 12:24
Last Saved By: Nesbitt, Christopher, Vodafone UK,
SharePoint ID: SPID-7-88



Special Requirements relating to the External Plant Network of Vodafone





Special Requirements relating to the External Plant Network of Vodafone

The apparatus shown here is now owned, maintained and still in operation by Vodafone and includes.

- Vodafone
- Cable & Wireless
- Mercury Communications
- Energis
- Thus plc
- Your Communications
- Norweb Communications
- Scottish Telecom

Please see the Contact Details in Appendix A for Plant Enquiries and help on site.

18. About this Document

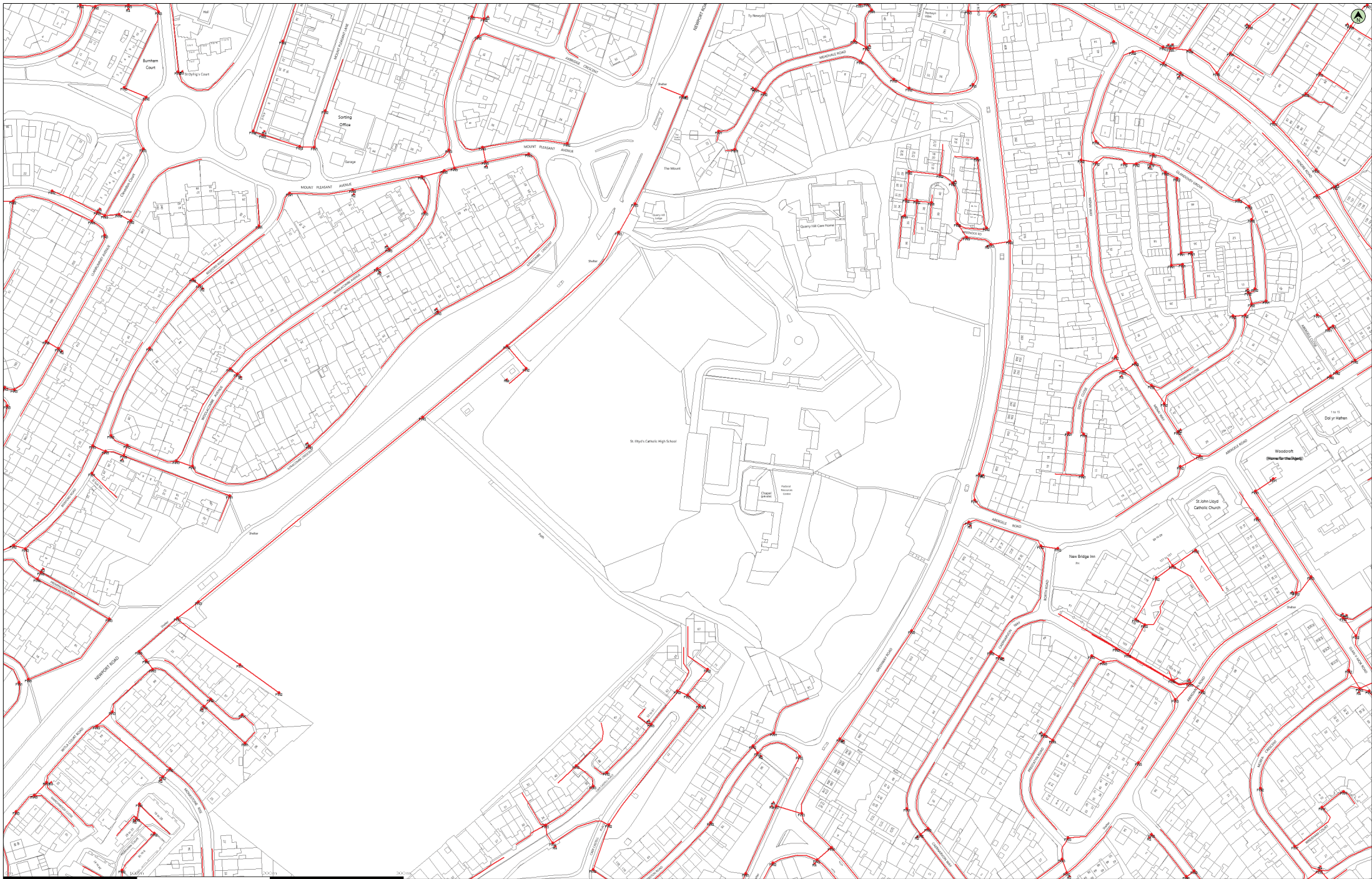
Content Owner

Chris Nesbitt

Changes since last version

Reformatted using the current Vodafone template to include updated Contact Details .

End of Document



(c) Crown copyright and database rights 2021 Ordnance Survey 100019209 Date: 14/09/21 Scale: 1:1250 Map Centre: 322679,180434 Data updated: 01/08/21 Our Ref: 647833 - 3 Telecoms Plan A1

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 markings where mains voltage power cables have been placed (indicated green, rather than black coding). Further details can be found using the "Advanced Footcandle" which can be downloaded from the website. Therefore, you must not rely solely on this plan. It may contain 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, we cannot be held responsible for any damage to property, or any injury to persons, which may occur as a result of any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2021 Ordnance Survey 100019209.

| | | |
|--------------|---------|---------|
| Duct, Trench | Chamber | Cabinet |
| | | |

| |
|---|
| juncam@cornerstoneprojects.co.uk 75328 IAP |
|---|



Searches - Cornerstone Projects Ltd

From: Harris Jones, Tabitha (NRSWA Administrator) <tabitha.harrisjones@sky.uk>
Sent: 14 September 2021 12:29
To: searches@cornerstoneprojects.co.uk
Subject: Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434



SKY Telecommunications Services Ltd
70 Buckingham Avenue
SLOUGH
SL1 4PN
Tel: 0207 0323 234/250
Fax: 020 70323252
email: nrswa@sky.uk

14/09/2021

Further to your recent enquiry, the following Sky route(s) may be indirectly affected by your proposed works:

Cardiff - Alveston

The SKY route(s) is indirectly affected as we only lease telecoms infrastructure from **Virgin Media**, who own and are responsible for the maintenance or diversion thereof. For further information or detailed plans for this area, please contact the **Virgin Media** Enquiry Team, by email: plant.enquiries.team@virginmedia.co.uk or Phone: 0870 888 3116 Option 2.

Please note that if our apparatus is deemed to be affected by your proposal and requires relocation or diversion in any way, you will need to contact SKY to provide estimates as per NRSWA Diversionary Works process.

Regards



NRSWA Department
Sky UK - Technology - Operations

From:  searches@cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Sent: 13 September 2021 16:37
To: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>
Subject: [EXTERNAL] Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

Dear Sir/Madam,

Re: - Underground Apparatus / Plant

Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

Searches - Cornerstone Projects Ltd

From: Plantenquiries <plantenquiries@catelecomuk.com>
Sent: 28 September 2021 11:14
To: 'Searches - Cornerstone Projects Ltd'
Subject: RE: Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

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: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>

Sent: 13 September 2021 16:37

To: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>

Subject: Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

Searches - Cornerstone Projects Ltd

From: CGI Plant Enquiries <cgiplantenquiries@instalcom.co.uk>
Sent: 15 September 2021 10:10
To: 'Searches - Cornerstone Projects Ltd'
Subject: RE: C09-21 - 0008 Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rummey,, Cardiff - NGR E322679 N180434



Dear Sir or Madam,

With reference to your plant enquiry below, I can confirm that CGI do not have any apparatus within the immediate proximity of your proposed works.

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

Regards

Plant Enquiries Dept.
Instalcom Limited
Borehamwood Ind. Park
Rowley Lane
Borehamwood
WD6 5PZ

Office: +44 (0)208 731 4613

Fax: +44 (0)208 731 4601

Email: cgi.plantenquiries@instalcom.co.uk

Web: <http://www.instalcom.co.uk>



From: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>

Sent: 13 September 2021 16:37

To: CGI Plant Enquiries <cgiplantenquiries@instalcom.co.uk>

Subject: Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rummey,, Cardiff - NGR E322679 N180434

Dear Sir/Madam,

Re: - Underground Apparatus / Plant

Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rummey,, Cardiff - NGR E322679 N180434

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of works at the above site location, please provide plan(s) indicating the general position and nature of your apparatus in the locality. In addition, please highlight any likely special problems

Searches - Cornerstone Projects Ltd

From: online.plantenquiries@cityfibre.com
Sent: 13 September 2021 16:38
To: Searches@cornerstoneprojects.co.uk
Subject: CityFibre Plant Enquiry, issued on 9/13/21 3:37 PM. Reference 9d3805c8-89fa-459d-8ea8-a6a53553e5e6.
Attachments: emap.pdf

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

Reference 9d3805c8-89fa-459d-8ea8-a6a53553e5e6
User: User
Title: 7935B
Comment:

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
Rutherford House
Birchwood Park
Warrington
WA3 6ZH
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.

Plant Enquiries [CityFibre]

0203 5100 602

Our Full Fibre network is expanding fast. Check if you can get connected, and register for updates at [cityfibre.com](https://www.cityfibre.com) <https://www.cityfibre.com/?utm_source=Staff%20Email%20Signatur&utm_medium=Email&utm_campaign=Cityfibreemail>

[CityFibre] <<https://www.cityfibre.com>>

[Follow CityFibre on LinkedIn] <<https://www.cityfibre.com>> [Follow CityFibre on LinkedIn]
<<https://www.linkedin.com/company/cityfibre>> [Follow CityFibre on Twitter] <<https://www.twitter.com/CityFibre>>

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bitmap_layout select_raster

LEGEND

- EXISTING PLANT
- EXISTING PLANT

bitmap_layout select_raster

| | |
|--|---|
| <p>Head Office CityFibre Holdings Ltd 15 Bedford Street, London, WC2E 9HE</p> <p>Tel: 0845 293 0774 Web: www.cityfibre.com</p> | <p>Asset Office CityFibre Holdings Ltd, Rutherford House, Birchwood, Warrington, WA3 6ZH</p> <p>Email: asset.team@cityfibre.com</p> |
|--|---|

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: 13/09/2021

Drawing No. Revision
CFH_EP_000001 001

Scale: 1:2500 A4

Searches - Cornerstone Projects Ltd

From: Plantenquiries <Plantenquiries@instalcom.co.uk>
Sent: 14 September 2021 13:20
To: 'Searches - Cornerstone Projects Ltd'
Subject: E09-21-2760 RE: Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

Dear Sir or Madam,

Thank you for your plant enquiry below.

We can confirm that Lumen Technologies (formerly Centurylink Communications UK Limited, Level 3, Global Crossing (UK) Ltd, Global Crossing PEC, Fibernet UK Ltd and Fibrespan Ltd) do not have any apparatus within the indicated works area.

Instalcom responds to plant enquiries for all of the above and therefore you only need send one plant enquiry to cover all of these companies.

Please note that this response is only valid for 3 months. If your works do not commence within this time period, please resubmit your plant enquiry for assessment before any works commence.

Regards

Plant Enquiries Dept
Instalcom Limited
Borehamwood Ind. Park
Rowley Lane
Borehamwood
WD6 5PZ

Office: +44 (0)208 731 4613
Fax: +44 (0)208 731 4601
Email: plantenquiries@instalcom.co.uk
Web: <http://www.instalcom.co.uk>



From: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>

Sent: 13 September 2021 16:37

To: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>

Subject: Plant Enquiries - Site Ref. 7935B IAP Ysgol Uwchradd Gatholig Illtud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

Searches - Cornerstone Projects Ltd

From: UK OSP-Team <osp-team@uk.verizon.com>
Sent: 14 September 2021 10:02
To: Searches - Cornerstone Projects Ltd
Cc: UK OSP-Team
Subject: RE: [E] Plant Enquiries - Site Ref: 7935B IAP Ysgol Uwchradd Gatholig llttud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

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: Searches - Cornerstone Projects Ltd [mailto:searches@cornerstoneprojects.co.uk]

Sent: 13 September 2021 16:37

To: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>

Subject: [E] Plant Enquiries - Site Ref: 7935B IAP Ysgol Uwchradd Gatholig llttud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

Dear Sir/Madam,

Re: - Underground Apparatus / Plant

Site Ref: 7935B IAP Ysgol Uwchradd Gatholig llttud - Newport Rd, Rumney,, Cardiff - NGR E322679 N180434

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of works at the above site location, please provide plan(s) indicating the general position and nature of your apparatus in the locality. In addition, please highlight any likely special problems that could arise in connection with your apparatus as a result of the works and any limitations on the quality of the information provided.

The proposed site area is centered accurately on the OS grid reference above and will be no more than 200m x 200m, unless noted otherwise in which case the site boundaries will be as marked on the attached plan. If you have no apparatus in the area of the proposed works, please send a nil return.

Your earliest response would be greatly appreciated.

Thanks,

QUALITY CHECK

| | |
|-------------------------------|----------------|
| Checked and issued by: | <i>L Burns</i> |
| Name: | L. Burns |
| Date: | 28/09/21 |
| Plans are valid until: | 27/12/21 |

Unless noted otherwise plans are valid for three months from date of issue - please note the date shown above is approximate. After the above date please contact us to arrange a refreshed utility search pack at www.cornerstoneprojects.co.uk
Please refer to www.cornerstoneprojects.co.uk/terms.html for full Terms and Conditions.

Cornerstone Projects Ltd is a UK wide desktop underground utility search expert:

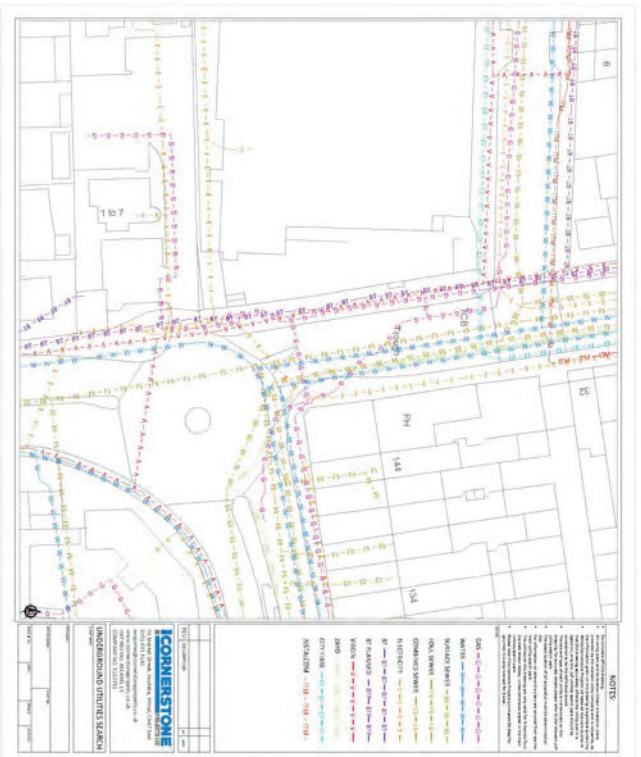
- Market leading pricing and response times
- Comprehensive utility database
 - 15 Years plus experience
 - Over 50,000 completed searches
 - Over 2750 registered businesses
- Searches to PAS 128 survey level D
 - ISO9001 certified company

91 Market Street Hoylake Wirral CH47 5AA
Tel. 0151 632 5142
enquiries@cornerstoneprojects.co.uk
www.cornerstoneprojects.co.uk
VAT Reg. No. 851 4941 19
Company No. 5132353



Want an easier way to interpret your utility search results?

Searching through your utility results can be time consuming and complex. Here at Cornerstone, we have the ability to produce one consolidated drawing which will allow you to view all your results on a single plan. Moreover, as the utilities are drawn in separate layers, you will also be able to turn different layers on and off to allow you to focus on individual utilities.



We can produce your consolidated drawing in .dwg (CAD) format from £60.00 + VAT.
We can also convert this into a Smart .PDF starting from £35.00 + VAT.

Call us on 0151 632 5142 or email enquiries@cornerstoneprojects.co.uk for a quote for this site. Please provide your site name/reference.

Need help with administering road opening licences, capacity checks or gaining quotes from the utility companies for connecting or diverting services?

Section 50 /Road Opening Licence – We will complete the application required to obtain the Section 50 and/or road opening licence on your behalf – our fee is from as little as £150.00+VAT plus Council charges.

Capacity check – We will complete an application to determine whether a utility has sufficient capacity for your proposed development and if not, what budget costs would be required to reinforce the network – our fee is from as little as £150.00+VAT per utility plus disbursements.

New Connections/Disconnections – We will complete the administration required to obtain quotes from the utilities to connect or disconnect from as little as £150.00+VAT per utility plus disbursements.

Diversions – We will complete the application required to obtain costs and suggested diversions required for your intended works from as little as £150.00+VAT per utility plus disbursements.

91 Market Street Hoylake Wirral CH47 5AA

Tel. 0151 632 5142

enquiries@cornerstoneprojects.co.uk

www.cornerstoneprojects.co.uk

VAT Reg. No. 851 4941 19

Company No. 5132353