



BRUNSWICK PLACE, MANCHESTER

UTILITY STATEMENT

Project No: 7/6079 Date: May 2021 Revision: 3

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CAVEAT

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Document Origin

| Revision | Date | Description | Prepared | Checked | Approved |
|----------|------------|-----------------------|----------|---------|----------|
| - | 23/07/2018 | First Issue | A Turl | A Turl | S Howe |
| 1 | 26/02/2021 | Scheme Update | A Turl | S Howe | S Howe |
| 2 | 07/04/2021 | Comments Incorporated | A Turl | S Howe | S Howe |
| 3 | 07/05/2021 | Comments Incorporated | A Turl | S Howe | S Howe |



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1 Introduction

The following document outlines the Utility strategy for the proposed residential development at:

Brunswick Place, Manchester, M40 7EZ

1.1 Site description:

The site is located in the New Islington area of Manchester to the East of the city centre and close to the Etihad Campus.

The site currently consists of a listed mill building to the North East and a largely cleared plot to the South West. An existing 3 storey building currently sits on the corner of Beswick Street and Bradford Road.

The existing main Mill building consists of ground floor plus six storeys with a number of smaller structures attached. The building incorporates a central courtyard area.

The adjacencies to the proposed development site are as follows:

North East: Existing buildings
South East: Ashton Canal
North West: Bradford Road
South West: Beswick Street

1.2 Development description:

The proposed development comprises two parts as follows:

Brunswick Mill Conversion

The renovation and conversion of the existing listed Mill building into residential apartments, retail tenancy fitout areas, amenity space and car parking.

New Build

The construction of two purpose built multi storey residential building ranging from 4 storey to 7 storey. The proposed development will include residential apartments, retail tenancy areas, amenity space and car parking.

Both buildings will incorporate cycle storage, bin storage and plantroom space at ground floor level.

The project proposals have been reviewed and it is considered that both the refurbishment and new build elements of the scheme can be constructed utilising sustainable design methods to ensure that the Manchester City Council aspirations for good quality building stock are met.

During the design period the ventilation proposals will be examined in detail and will be the subject of more refined SAP and thermal modelling analysis. This detailed analysis will be based on the actual details intended for construction to confirm and / or modify the information below. The final results can then be used to define the final Mechanical, Electrical and Public Health services strategy for the scheme.



1.3 Purpose of Report

This report has been prepared by Clancy Consulting Ltd [CCL] who have been commissioned to provide an initial summary of the utility services requirements of the site.

In the context of this report we have sought to:

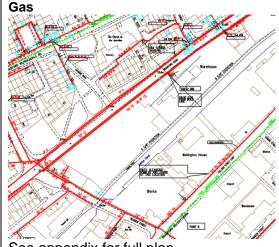
- a) Outline any services in close proximity to and crossing the site
- b) Assess the anticipated utility load requirements for the site
- c) Assess the available capacity of the nearby utility networks
- d) Obtain budget quotations for the anticipated loads.



Existing Services in the vicinity of the site 2

CCL have obtained the up to date utility information for the services on and around the periphery of the

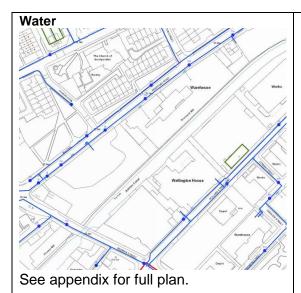
The full drawings received can be seen in the appendices of this report. However, relevant extracts are included below along with relevant summary.



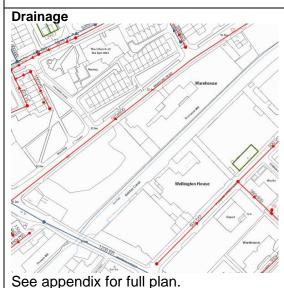
See appendix for full plan.

- 2No low pressure mains (30" cast iron and 125 Polyethylene) are identified as running within the Bradford Road southern pavement. These are very close to the development boundary and must be carefully considered and protected during demolition and construction works. This is particularly of concern for the new build section where the building line is close to the highway boundary.
- There is an existing 63mm Polyethylene main indicated entering the Northern boundary of the site from Bradford Road entering the existing Mill Building. This service will require isolation, disconnection and removal.
- A number of 24" Cast Iron low pressure mains are indicated as running within the Beswick Street North pavement. These are very close to the development boundary and must be carefully considered and protected during demolition and construction of the new build section where the building line is close to the highway boundary.
- There is an existing 90mm Polyethylene main indicated entering the southern boundary of the site from Beswick Street. This service will require isolation, disconnection and removal.
- Where Section 278 highway works are proposed, local diversion / lowering of services may be required.
- Further liaison with the utility provider is recommended with regard to diversions and final points of connection for the site at design stage.





- There are two water mains (size unspecified) running in Bradford Road. These are unlikely to affect the proposed development.
- There is one water main (size unspecified) running in Beswick Street. This is unlikely to affect the proposed development.
- There are a number of hydrants and fire hydrants around the site perimeter. These are likely to be sufficient to serve the new development with final confirmation by the Fire Engineer.
- Where Section 278 highway works are proposed, local diversion / lowering of services may be required.
- Further liaison with the utility provider is recommended with regard to diversions and final points of connection for the site at design stage.



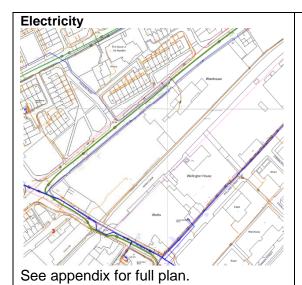
- There are a number of existing sewers which run within the streets surrounding the site.
- There is a 525 x 600 combined surface water and foul water sewer in Bradford Road which is unlikely to be affected by the proposed development.
- There is a 1200 diameter surface water sewer in Beswick Street which is unlikely to be affected by the proposed development.
- Where Section 278 highway works are proposed, local diversion / lowering of services may be required.
- Further liaison with the utility provider is recommended with regard to diversions and final points of connection for the site at design stage.

BT (Openreach)

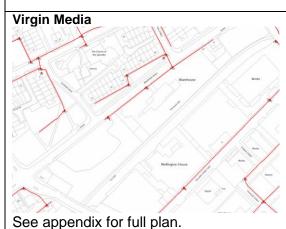
See appendix for full plan.

- Various BT Openreach telecoms services have been identified around the site, including underground services routed within the pavement and carriageways. These are unlikely to be affected by the proposed development.
- There are some connection points to the current site, both to the existing Mill Building and Southern part of the site, which will require disconnection prior to demolition.
- Where Section 278 highway works are proposed, local diversion / lowering of services may be required.
- Further liaison with the utility provider is recommended with regard to diversions and final points of connection for the site at design stage.





- There is a 33kV distribution main identified running in Bradford Road highway. This should not affect the site but needs to be considered in excavation works in Bradford Road.
- There are various 6.6kV HV and LV mains running within the footpaths around the site. These are unlikely to affect the development. These are very close to the development boundary and must be carefully considered and protected during demolition and construction of the new build section where the building line is close to the highway boundary.
- There are 2No incoming LV feed identified to the site, one to the existing Mill Building and one to the Southern portion of the site. These will require disconnection and removal to facilitate the new development.
- Where Section 278 highway works are proposed, local diversion / lowering of services may be required.
- Further liaison with the utility company will be required to determine any impact from the proposed works.
- There are existing telecoms ducts identified within the canal tow path which will need consideration during the works.



- Various Virgin Media telecoms services have been identified around the site, including underground services which are routed within the pavement of Bradford Street. These are unlikely to be affected by the proposed development
- Where Section 278 highway works are proposed, local diversion / lowering of services may be required.
- Further liaison with the utility provider is recommended with regard to diversions and final points of connection for the site at design stage.



- A city fibre service is identified in the opposite pavement of Bradford Street. This is unlikely to affect the development site.
- Further liaison with the utility provider is recommended with regard to diversions and final points of connection for the site at design stage.



3 Utility Load Assessment

Preliminary building load estimates have been carried out for the Proposed Development based on the current GA plans. These estimated loads are outlined below in Table 1.

| CORNER BLOCK | | | | | | |
|--|-----------------------------|--|--|--|--|--|
| Anticipated Site Electrical Load (excluding commercial tenancy electrical supply) | 140 kVA | | | | | |
| Proposed Domestic & Sprinkler Storage (excluding commercial tenancy domestic water provision) | 13,500 litres (4 hour fill) | | | | | |
| Anticipated Mains Water Load (Peak) (incorporating fill rate to landlord and apartment domestic and sprinkler water tanks) | 0.94 l/s | | | | | |
| Natural Gas | N/A | | | | | |

| MID BLOCK | |
|---|-----------------------------|
| Anticipated Site Electrical Load (based on 20% electric vehicle charging provision) | 568 kVA |
| Proposed Domestic & Sprinkler Storage | 38,500 litres (4 hour fill) |
| Anticipated Mains Water Load (Peak) (incorporating fill rate to landlord and apartment domestic and sprinkler water tank) | 2.67 l/s |
| Natural Gas | N/A |



| MILL CONVERSION | | | | | | |
|--|-------------------------------|--|--|--|--|--|
| Anticipated Site Electrical Load (excluding commercial tenancy electrical supply) (based on 20% electric vehicle charging provision) | 808 kVA | | | | | |
| Proposed Domestic Water Storage | 15,750 litres (4 hour fill) | | | | | |
| Proposed Sprinkler Water Storage | 105,000 litres (24 hour fill) | | | | | |
| Anticipated Mains Water Load (Peak) (incorporating fill rates to domestic and sprinkler water tanks) | 2.3 l/s | | | | | |
| Natural Gas | N/A | | | | | |

Table 1 - Preliminary Site Loads

The load assessment excludes the retail unit at ground floor which will be applied for and serviced independently via dedicated utility supplies.

Electrical loads have been based on the provision of electric vehicle charging points to 20% of proposed spaces.

Applications for incoming utilities will be made during the design / construction phase of the project.

4 Utility Infrastructure Availability Review

The incumbent utility companies have been contacted and applications made to establish that the building loads can be accommodated in the existing local electricity and water infrastructure.

Preliminary quotations have been received identifying that the required utility capacities and connections can currently be accommodated.

However, it has been established that the utility companies are unwilling to commit to or reserve capacity for future developments without a final order being in place.

Final utility applications will be made during the detailed design / construction phase of the project.



Appendix A – Utility Search Report



Brunswick Mill, Bradford Road, Manchester.

Date: June 2018



Over 40 years in business

Site Location



Grid Reference

SJ 85856 9874

Grid Reference (6 figure)

SJ858987

X (Easting): Y (Northing): **385856 398742**

Latitude: Longitude: **53.485203 -2.2146107**

Address Near:

Brunswick Mill, Bradford Road, Manchester.

Postcode (nearest):

M40 7EZ

Enclosures

| Utility Type | Company | In-house Search | In Vicinity of Development | Not In Vicinity of Development | No Response Received to Date |
|--------------------|--|-------------------------|---|--------------------------------|------------------------------------|
| Water Mains | United Utilities | | 06/06/2018 | | |
| Drainage | United Utilities | | 06/06/2018 | | |
| as | Cadent | | 06/06/2018 | | |
| Openreach (BT) | ВТ | | 06/06/2018 | | |
| CATV | Virgin | Х | 06/06/2018 | | |
| Electric | ENW | | 06/06/2018 | | |
| | Colt | | | 05/05/2018 | |
| | BSkyB/Easynet | | | 06/06/2018 | |
| | | | | 06/06/2018 | |
| | Interoute (inc 51 Degrees) | | | 06/06/2018 | |
| | KCOM | | | 06/06/2018 | |
| | Zayo Europe | | | 06/06/2018 | |
| | SSE Neos Networks | | | 06/06/2018 | |
| Communication | Plancast | | | 06/06/2018 | |
| | EU networks | | | 06/06/2018 | |
| | Verizon | | | 06/06/2018 | |
| | Energi | | | 06/06/2018 | |
| | Telent | | | 06/06/2018 | |
| | Gtt | | | 06/06/2018 | |
| | Comm Masts (Above) | | | 06/06/2018 | |
| nvironment Agency | | | | 06/06/2018 | |
| ouncil | | | | 06/06/2018 | |
| | | | | | |
| | BT Deep Level Tunnels | | | 06/06/2018 | |
| | Thames Water Ring Main | | | 06/06/2018 | |
| | Post Office Tunnels | | | 06/06/2018 | |
| unnels & Pipelines | Cemex (Cement Tunnel) | | | 06/06/2018 | |
| | MOD | | | 06/06/2018 | |
| | Post Office | | | 06/06/2018 | |
| | CHL (Fisher German) | | | 06/06/2018 | |
| | | | | | |
| | Canal & River Trust | | | 06/06/2018 | |
| | Network Rail | | | 06/06/2018 | |
| | Crossrail | | | 06/06/2018 | |
| ransport | London Underground | | | 06/06/2018 | |
| | Docklands Light Railway | | | 06/06/2018 | |
| | Private Rail Lines | | | 06/06/2018 | |
| | Trams | | | 06/06/2018 | |
| | Traffic Master | | This Coords | 06/06/2018 | |
| | <i>'</i> | Also None Affected in 1 | Inis Search | | |
| | AWE Pipeline Esso Petroleum Company Limited Perenco UK Limited (Purbeck Southampton Pipeline) BOC Limited Fulcrum Pipelines Limited Petroineos | | CATS Pipeline c/o Wood Group PSN Humbly Grove Energy Redundant Pipelines - LPDA Cemex IGas Energy | | |
| | BP Midstream Pipelines Phillips 66 | | RWEnpower (Little Barford and South Haven) Centrica Energy Ineos Enterprises Limited SABIC UK Petrochemicals Centrica Storage Ltd DIO (MOD Abandoned Pipelines) | | |
| | Gateshead Energy Company Premier Transmission Ltd (SNIP) Carrington Gas Pipeline Gigaclear PLC | | | | |
| | Prysmian Cables & Systems Ltd (o | c/o Western Link) | (576110 | | |

Abbreviations

| | Apparatus | | | | |
|-----------|--|--|--|--|--|
| Electric: | | | | | |
| DNO | Distribution Network Operator | | | | |
| iDNO | Independent Distribution Network Operator | | | | |
| ICP | Independent Connections Provider | | | | |
| LV | Low Voltage | | | | |
| HV | High Voltage | | | | |
| EHV | Extra High Voltage | | | | |
| kVA | Kilovolt Amperes | | | | |
| MVA | Megavolt Amperes | | | | |
| AC | Alternating Current | | | | |
| S/S | Substation | | | | |
| PMT | Pole Mounted Transformer | | | | |
| Gas: | | | | | |
| GT | Gas Transporter | | | | |
| iGT | Independent Gas Transporter | | | | |
| UIP | Utility Infrastructure Provider | | | | |
| PRS | Pressure Reducing Station (Governor) | | | | |
| LP | Low Pressure | | | | |
| MP | Medium Pressure | | | | |
| IP | Intermediate Pressure | | | | |
| HP | High Pressure | | | | |
| Water | | | | | |
| SLO | Self Lay Organization | | | | |
| Incumbent | Local Water only or Water & Sewerage Company | | | | |
| WRAS | Water Regulation Advisory Scheme | | | | |
| Other | | | | | |
| PE | Polyethylene | | | | |
| DI | Ductile Iron | | | | |
| ST | Steel | | | | |
| CI | Cast Iron | | | | |
| SI | Spun Iron | | | | |
| HPPE | High Performance Polyethylene | | | | |
| MDPE | Medium Density Polyethylene | | | | |
| CATV | Cable Television | | | | |
| GRP | Glass Reinforced Plastic | | | | |
| FTTP | Fibre to the premise | | | | |
| FTTC | Fibre to the cabinet | | | | |
| l/min | Litres per minute | | | | |
| H&S | Health and Safety | | | | |
| HBF | House Builders Federation | | | | |
| TPO | Tree Preservation Order | | | | |

Enclosure Table Key

Desk Research

A tick in this column indicates that the response has been determined In-house.

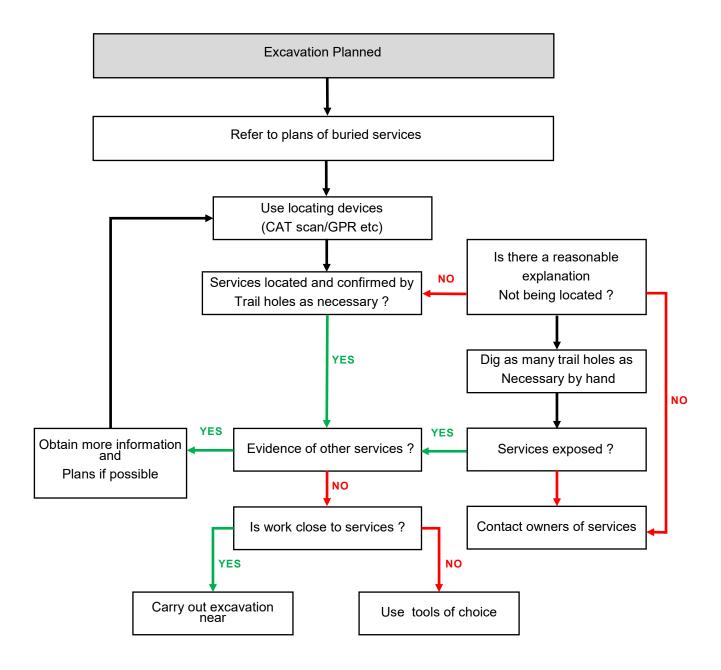
In Vicinity

Utility plant is expected to be within, adjacent to or very close to the search area. It is recommended to liaise with the utility in advance of any works taking place.

Not In Vicinity

Utility plant is not expected to be within, adjacent to or very close to the search area. It may be located some distance from the search area.

This flow diagram is intended to help give an understanding of the process from referring to plans on-site through to the start of excavation.



For example, could services be non-metallic pipes? Please refer to HS (G) 47 text for further information.

[†] In particular; visual evidence. Ensure that the presence of services, which may be unmarked on plans or for which no plans are available, has been considered, for example service connections.

^{**} If there is visual evidence of services, but owners cannot be traced, despite all reasonable attempts to do so, any excavation could proceed but using hand-dug trial holes and proceeding with great care.

Guidelines on the Positioning and Colour Coding of Underground Utilities' Apparatus Recommended Colour Coding of Underground Utilities Apparatus All depths are from the surface level to the crown of the apparatus.

| Utility | Duct | Duct Pipe | | Marker Systems | Recommended Minimum Depths | | |
|---|---|--|------------------------|---|--|---|--|
| | | | | | Footway Verge | Carriageway | |
| Electricity HV (High Voltage) | Black or red duct or tile | N/A | Red or black | Yellow with black and red legend or concrete tiles | 450mm - 1200mm | 750m - 1200mm | |
| Electricity LV (Low Voltage) | Black or red duct or tile | N/A | Black or red | Yellow with black legend | | 750mm | |
| Gas | Yellow | * See row below | N/A | Black legend on PE pipes every linear metre. | 600mm footway 750mm verge | 750mm | |
| | - bet | tween 2 to 7 bar -orange. Ste | eel pipes may | have yellow wrap o | es (removable skin revealing white or black core pipe). e yellow wrap or black tar coating or no coating. & Pit / Spun Cast Iron — No distinguishable colour | | |
| Water non Potable & Grey Water | N/A | Black with green stripes | N/A | N/A | 600mm - 750mm | 600mm - 750mm | |
| Water - Firefighting | N/A | Black with red stripes or bands | N/A | N/A | 600mm - 750mm | 600mm - 750mm | |
| Oil / fuel pipelines | N/A | Black | N/A | Various Surface markers Marker tape or tiles above red concrete | 900mm All work within 3 metres of oil fuel pipelines must receive prior approval | 900mm All work within 3 metres of oil fuel pipelines must receive prior approval | |
| Sewerage | Black | No distinguishing colour / material (eg: Ductile Iron may be red; PVC may be brown) | N/A | N/A | Variable | Variable | |
| Communications | Grey, white, green, Black, purple | N/A | Black or Light Grey | Various | 250mm - 350mm | 750mm minimum | |
| Water | Blue or Grey | Blue polymer or blue or uncoated Iron / GRP. Blue polymer with brown stripe (removable skin revealing white or black pipe) | | Blue or blue/ black | 750mm | 750mm minimum | |
| Water pipes for special purposes (e.g. contaminated ground) | N/A | Blue polymer with brown stripes (non removable skin) | N/A | Blue or blue/ black | 750mm | 750mm minimum | |

^{*}These guidelines describe utility industry practice. However, it should not be Assumed that all apparatus will conform the recommendations for positioning And colour coding contained in this report.

Recommended Colour Coding of Other Underground Apparatus All depths are from the surface level to the crown of the apparatus.

| Utility | Duct | Pipe | Cable | Marker Systems | Recommended Minimum Depths | | | |
|---|------------------|-------|---------------------|-----------------------------|----------------------------|-------------|--|--|
| | | | | | Footway Verge | Carriageway | | |
| At the time of publication the following were current examples of known highway authority apparatus colour coding but local variations may occur. | | | | | | | | |
| Street Lighting | | | | | | | | |
| England and Wales | Orange | N/A | Black | Yellow with black legend | 450mm | 600mm | | |
| Scotland | Purple | N/A | Purple | Yellow with black legend | 450mm | 450mm | | |
| Northern Ireland | Orange | N/A | Black or orange | | 450mm | 450mm | | |
| Other | | | | | | | | |
| Traffic Control | Orange | N/A | Orange | Yellow with black legend | | | | |
| Street Furniture | | N/A | Black | Yellow with black legend | 450mm | 600mm | | |
| Communications | | N/A | Light grey or black | Yellow with black legend | | | | |
| сстv | Purple | N/A | | Yellow with black legend | | | | |
| | | Motor | ways and Trunk Ro | ads England and W | /ales | | | |
| Communications | Purple | N/A | Grey | Yellow with black legend | 450mm | | | |
| Communications Power | Purple | N/A | Black | Yellow with black legend | | | | |
| Road Lighting | Orange | N/A | Black | Yellow with black legend | | | | |
| Scotland | | | | | | | | |
| Communications | Black or grey | N/A | Black | Yellow with black legend | | | | |
| Road Lighting | Purple | N/A | Purple | Yellow with black legend | | | | |

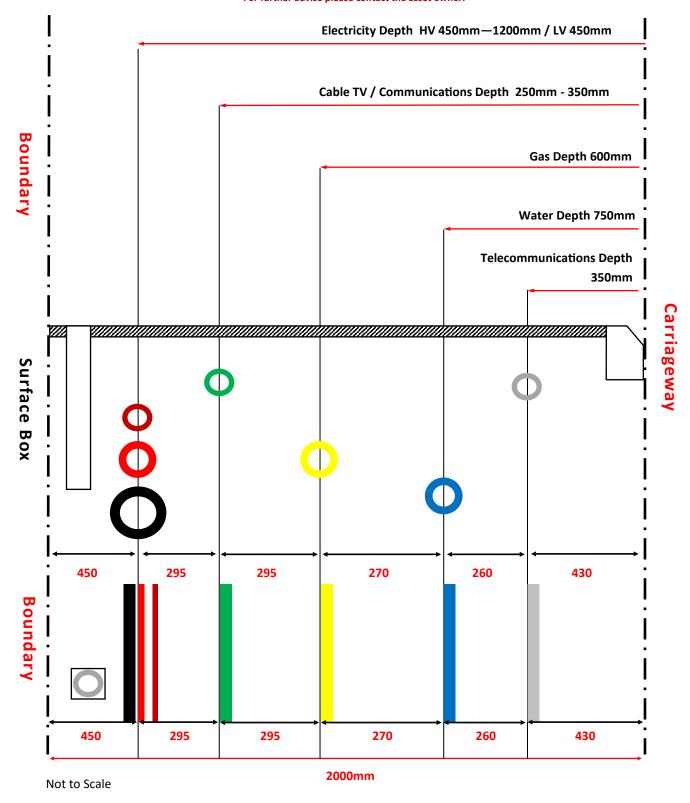
^{*}These guidelines describe utility industry practise. However, it should not Be assumed that all apparatus will confirm to the recommendations for $% \left\{ 1\right\} =\left\{ 1$ Positioning and colour coding contained in this publication.

NJUG Guidelines on the Positioning and Colour Coding of Underground Utilities Recommended Positioning of Utility Apparatus in a 2 metre Footway (s)

Note - the same positioning should apply in the carriageway service strip (if safe and practical to do so) where a development has footways).

available for services and or the boundary of the property in on the carriageway (please refer to minimum depths in carriageways)

For further advise please contact the asset owner.



Relevant Documents

The following documents must be referred to before work commences in the vicinity of existing services:

Health and Safety Booklet HS (GS) 6 Avoidance of Danger from Overhead Electric Lines.

General Safety Measures to Avoid Injury and Damage to Gas Apparatus.

HSE Guidance Note HS (G) 47 Avoiding Danger from Underground Services.

National Joint Utilities Group (NJUG) Publications Vol. 1.

CDM Regulations 2007 (Regulation 34 – Energy Distribution Installations).

Electricity at Work Regulations 1989.

Basic Risk Assumption for all Services

When dealing with existing services the following assumptions must always be accepted: All existing buildings have gas, water electric and telecoms supplies to them until proven otherwise. Any supply to an existing building, no matter how old the building is or how deteriorated the supply may appear, is taken to be 'live' until proven otherwise. All open land, vacant lots and derelict sites are deemed to have services beneath them until proven otherwise.

The only acceptable proof that a service is 'dead' and can be removed is written confirmation from the owner of the service. The quality and accuracy of information provided by utilities about their existing plant is indicative and no warranty is made as to its accuracy. Therefore, any utility record plans and/or marked up drawings provided by each utility must only be used as a guide and the actual location of plant should be verified by CAT Scan or trial holes before construction works commence.

Please note not all service connections are shown on the utility record plans.

Plant Found Within Site Boundaries

Where utility plant is found within the site boundary, it is recommended for the client to check for legal easements or wayleaves.

Diversions of plant within site boundaries can be expensive and time consuming to relocate. Further investigation of costs and timescales are recommended. Please ask PES for further details.

Water & Drainage



How to contact us:

United Utilities Water Limited Property Searches Haweswater House Lingley Mere Business Park Great Sankey Warrington WA5 3LP

Telephone: 0370 7510101

E-mail: propertysearches@uuplc.co.uk

Your Ref: BRUNSWICK MILL Our Ref: UUPS-ORD-34633

Date: 31/05/2018

Location: DREAMTEX LTD BRUNSWICK MILL BRADFORD ROAD, MANCHESTER, M40 7EZ

I acknowledge with thanks your request dated 30/05/2018 for information on the location of our services.

Please find enclosed plans showing the approximate position of United Utilities' 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 United Utilities' 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 contact us.

Yours Faithfully,

Karen McCormack Property Searches Manager



TERMS AND CONDITIONS - WASTERWATER AND WATER DISTRIBUTION PLANS

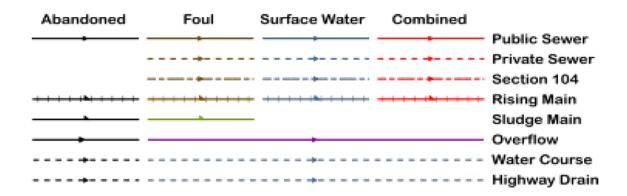
These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUWL apparatus)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

TERMS AND CONDITIONS:

- 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.
- 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.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.



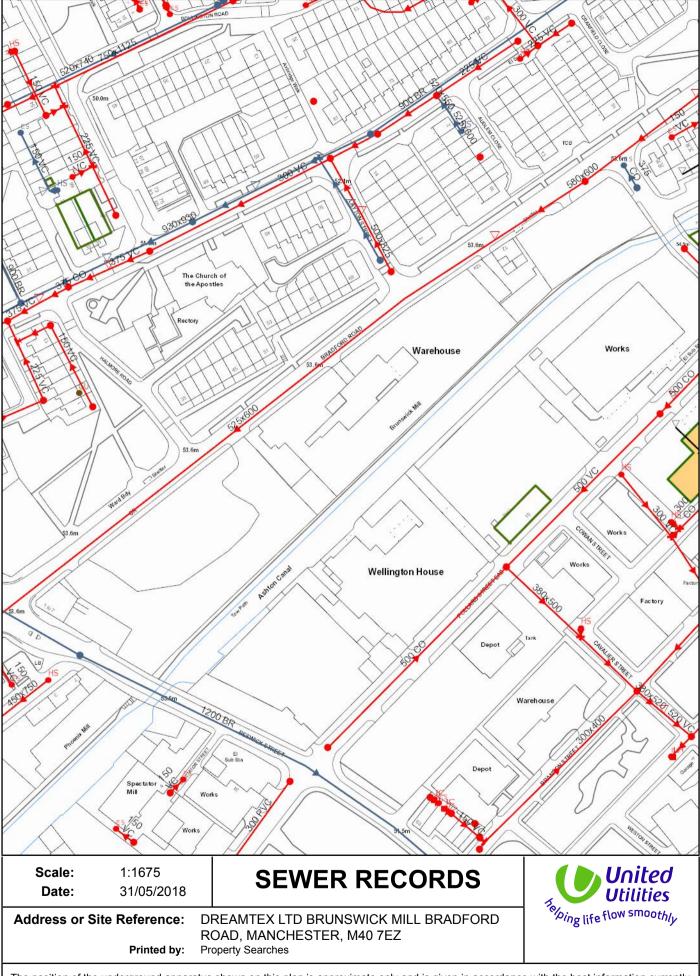
Wastewater Symbology



All point assets follow the standard colour convention: red – combined blue – surface water purple - overflow

- Manhole
- F Head of System
- Extent of Survey
- Rodding Eye
- Inlet
- Discharge Point
- Vortex
- Penstock
- Washout Chamber
- Valve
- Air Valve
- Non Return Valve
- Soakaway
- Gully
- Cascade
- Flow Meter
- Hatch Box
- Oil Interceptor
- Summit
- Drop Shaft
- Orifice Plate

- Side Entry Manhole
- Outfall
- Screen Chamber
- Inspection Chamber
- Bifurcation Chamber
- Lamp Hole
- T Junction / Saddle
- Catchpit
- Valve Chamber
 - ▼ Vent Column
 - Vortex Chamber
 - Penstock Chamber
 - Network Storage Tank
 - Sewer Overflow
 - Ww Treatment Works
 - Ww Pumping Station
 - Septic Tank
 - Mark Control Kiosk
 - Change of Characteristic



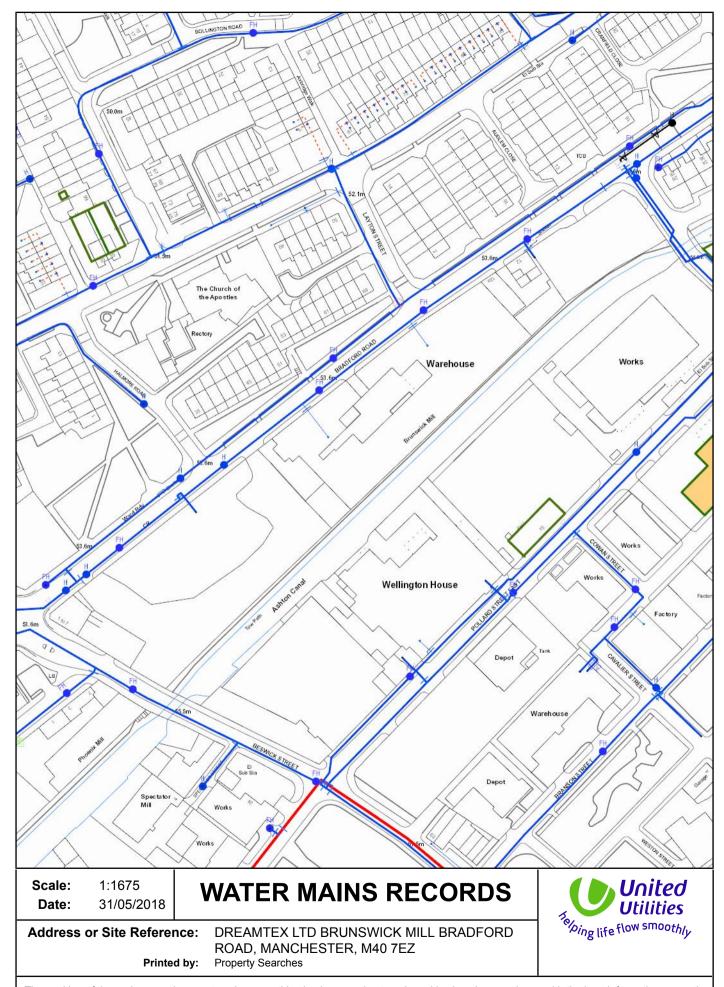
The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.



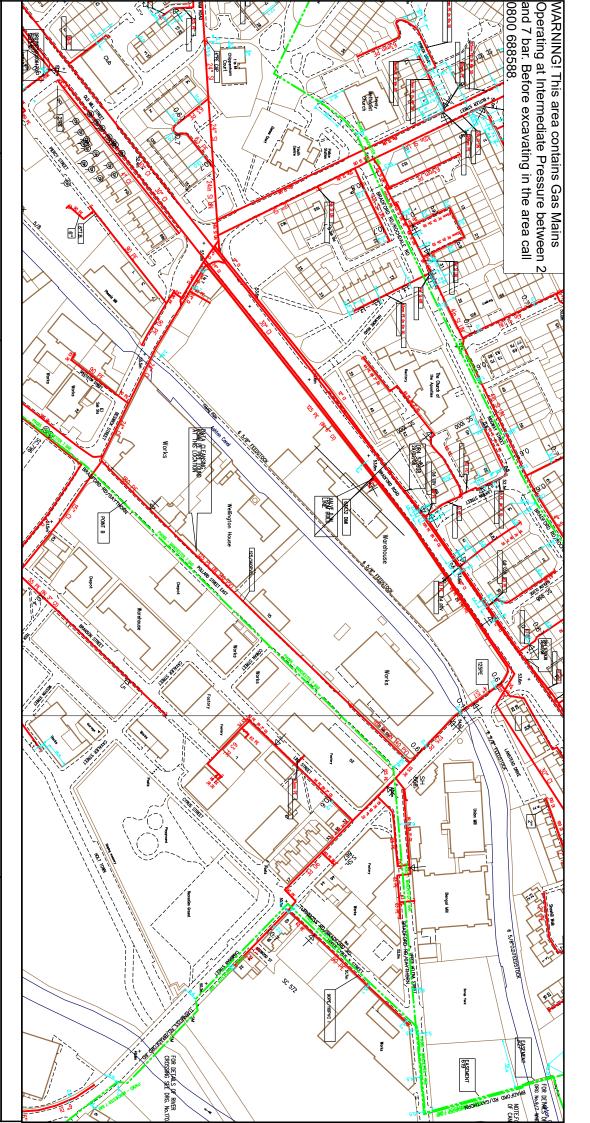
Clean Water Symbology



Symbology for proposed assets is the same as above, but shown in green Symbology for abandoned assets is the same as above, but shown in black



The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.



CENTRE: 385903, 398701

Change Change Service

investigate and resolve the error as appropriate.

of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm)

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of the controller of HM Stationery Office.

A DR4 is where a potential error has been identified within the asset record and a process is currently underway to apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date that this information is provided to all persons (either direct labour or contractors) working for you on or near gas mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections,

Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan ∟icensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area.

This plan shows those pipes owned by Cadent Gas Ltd in their role as a

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etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by

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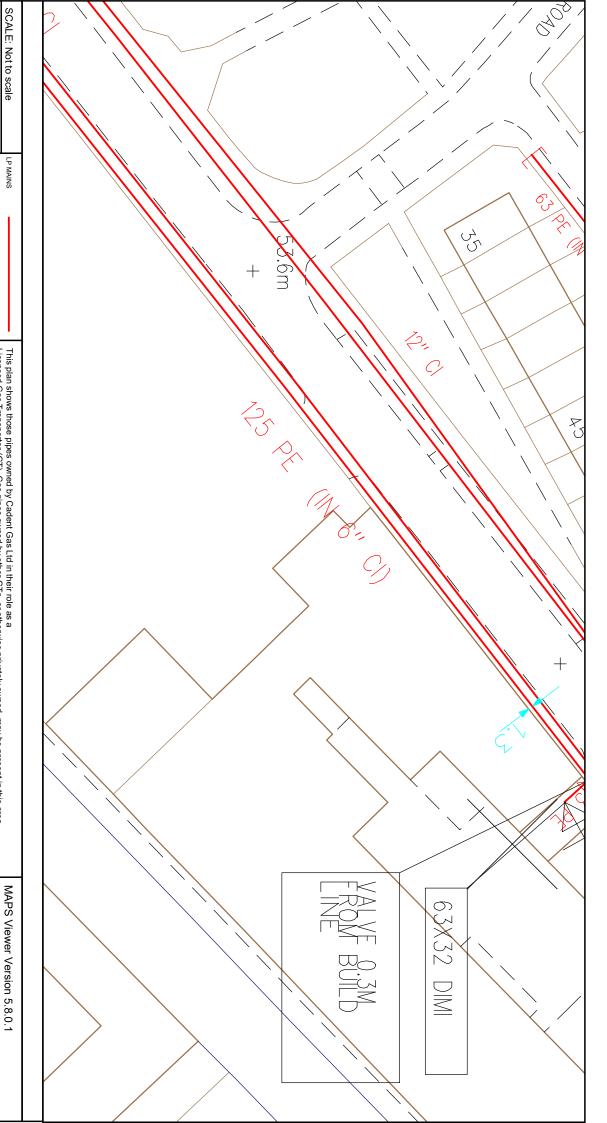
EXTRACT DATE: 02/03/2018

DATE: 30/05/2018 USER ID: utili

LHP MAINS IP MAINS MP MAINS LP MAINS

MAP REF: SJ8598

SCALE: Not to scale



CENTRE: 385824, 398719

Depth of /

Diameter Material Standard Change Change Service

investigate and resolve the error as appropriate.

of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm)

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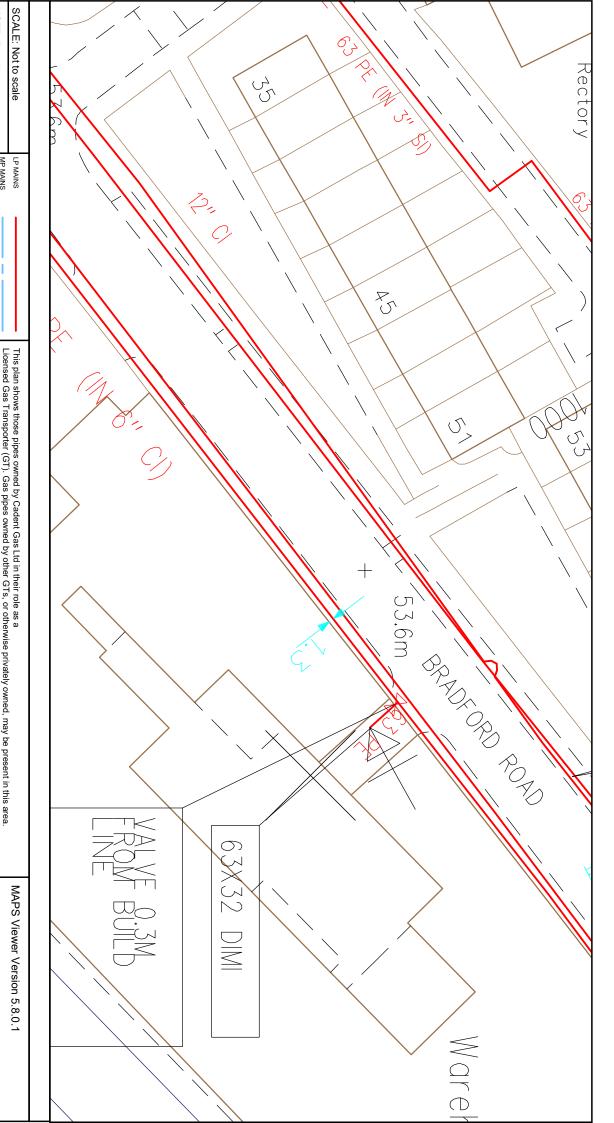
EXTRACT DATE: 02/03/2018

USER ID: utili
DATE: 30/05/2018

MP MAINS

LHP MAINS

MAP REF: SJ8598



CENTRE: 385835, 398744

Depth of /

Diameter Material Standard Change Change Service

investigate and resolve the error as appropriate.

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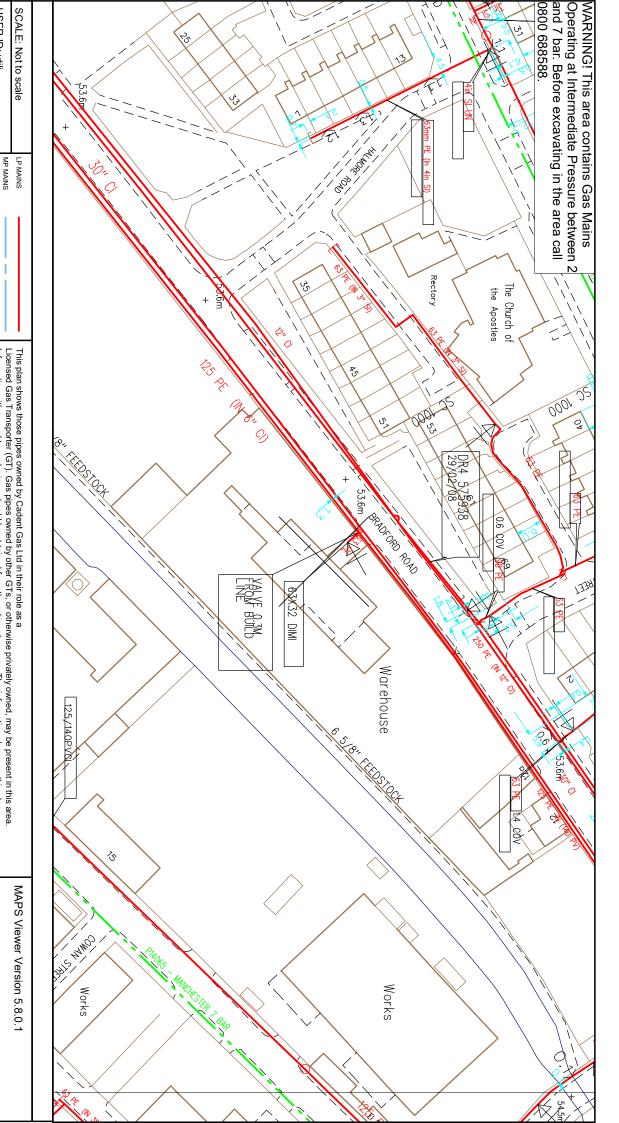
EXTRACT DATE: 02/03/2018

USER ID: utili

DATE: 30/05/2018

MP MAINS
IP MAINS

MAP REF: SJ8598



CENTRE: 385858, 398743

Depth of Cover

Diameter Material Standard Change Service

investigate and resolve the error as appropriate.

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omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm)

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MAP REF: SJ8598

EXTRACT DATE: 02/03/2018

USER ID: utili
DATE: 30/05/2018

IP MAINS



CENTRE: 385880, 398784

Depth of /

Diameter Material Standard Change Change Service

investigate and resolve the error as appropriate.

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MAP REF: SJ8598

DATE: 30/05/2018

MP MAINS
IP MAINS

USER ID: utili

SCALE: Not to scale

LP MAINS



CENTRE: 385880, 398784

Depth of /

Diameter Material Standard Change Change Service

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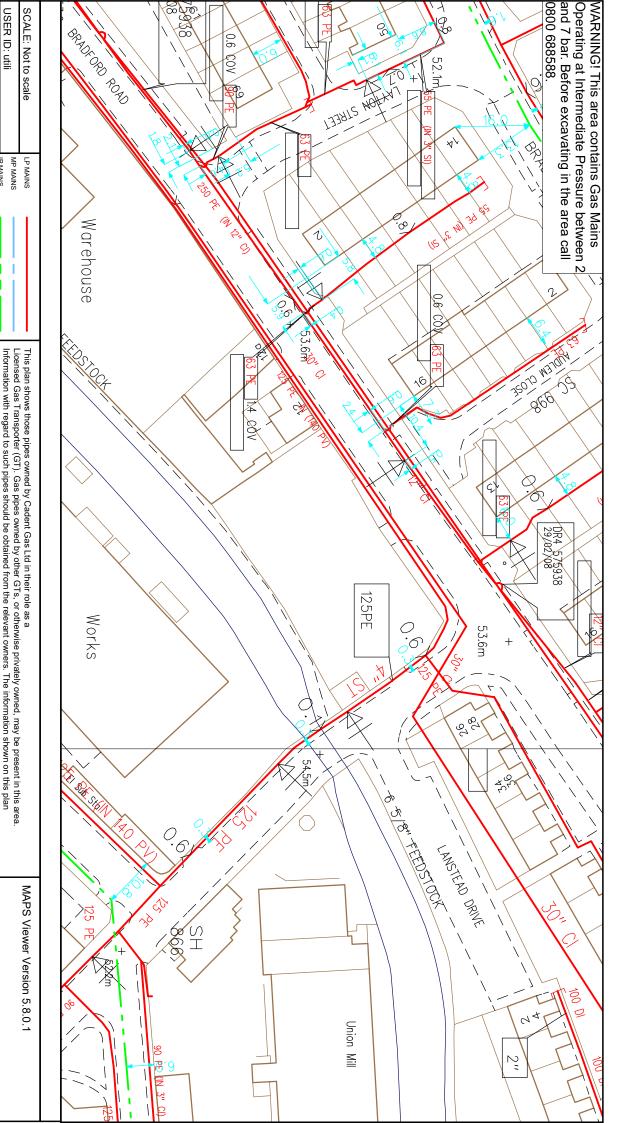
DATE: 30/05/2018

MP MAINS
IP MAINS

USER ID: utili

SCALE: Not to scale

LP MAINS



CENTRE: 385960, 398812

Depth of Cover

Diameter Material Standard Change Service

investigate and resolve the error as appropriate.

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EXTRACT DATE: 02/03/2018

DATE: 30/05/2018

IP MAINS

MAP REF: SJ8598

Electric



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

Our Reference: 12950490

Your Reference: Brunswick Mill

Electricity Network Plans

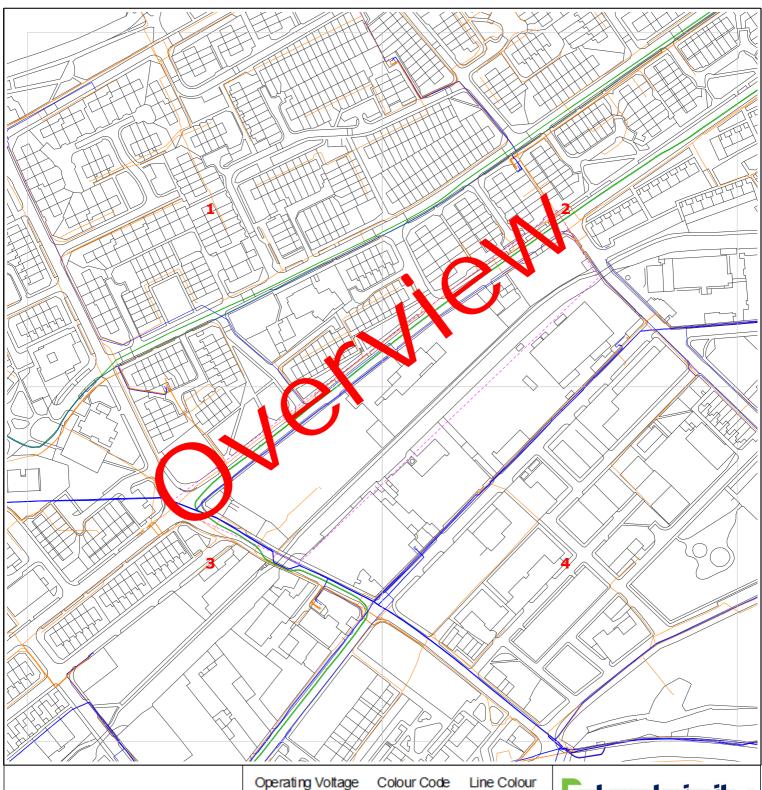
I acknowledge with thanks your request dated 30/05/2018 05:17:27 PM for information on the location of our services.

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



Your Scheme/Reference: Brunswick Mill

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 | |

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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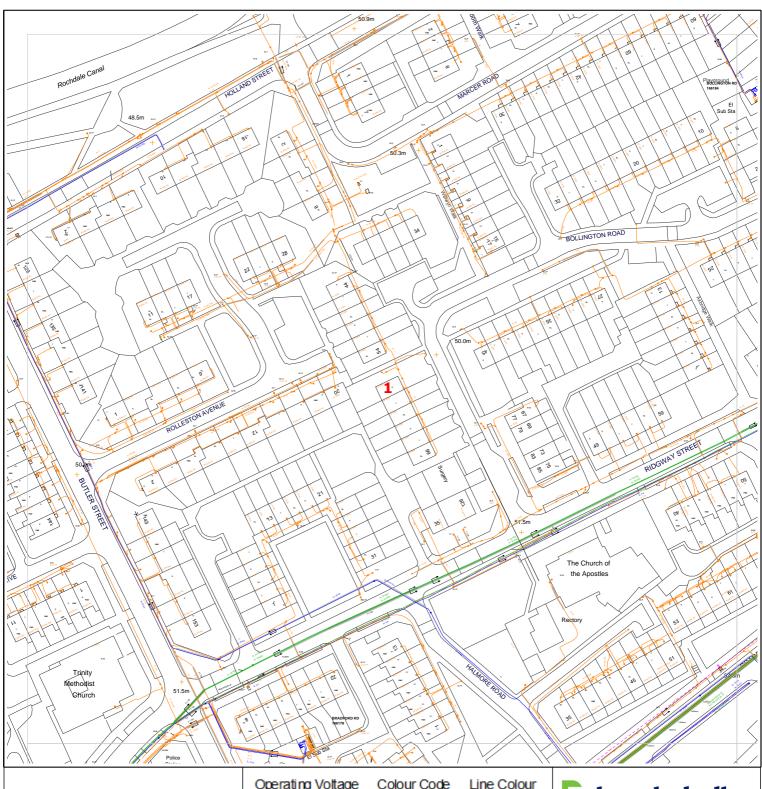
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Email: planrequest@enwl.co.uk

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



Your Scheme/Reference: Brunswick Mill

Dig Sites:

Area Line

| Colour Code | Line Colour |
|-------------|--|
| Black | |
| Green | |
| Yellow | |
| Red | |
| Blue | |
| Violet | |
| Orange | |
| Brown | |
| | Green Yellow Red Blue Violet Orange |

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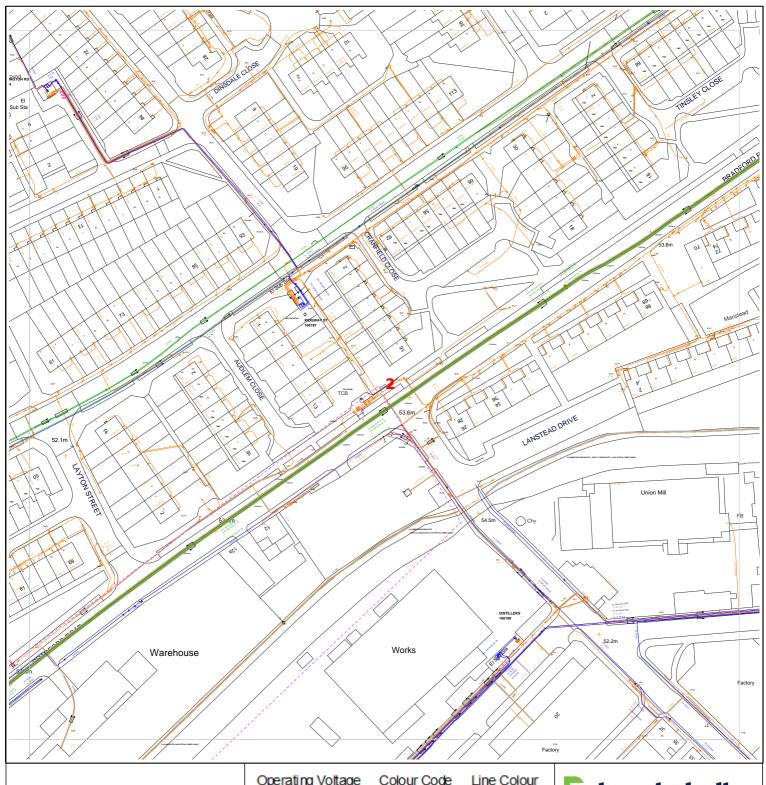
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Scales on A4 paper: 1:1250 Area dig site 1:250 Line dig site



Your Scheme/Reference: Brunswick Mill

Dig Sites:

Area Line

| Operating Voltage | Colour Code | Line Colour |
|-------------------|-------------|-------------|
| 40001 | DII- | |

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

electricity

Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141

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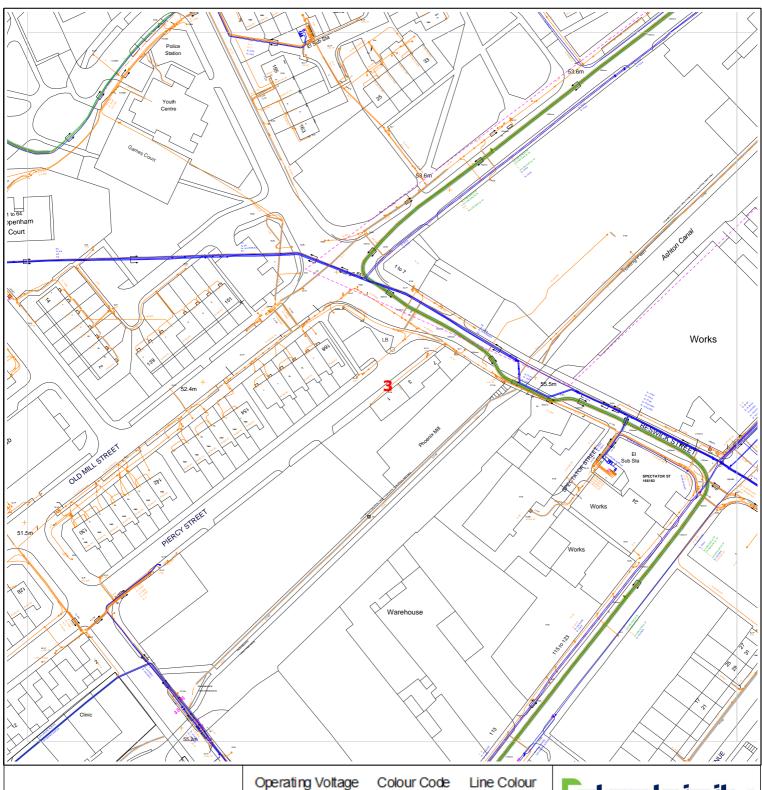
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Your Scheme/Reference: Brunswick Mill

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Area Line

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| 6kV-6.6kV | Blue | |
| 1kV-6kV | Violet | |
| LV | Orange | |
| Unknown Voltage | Brown | |
| | | |

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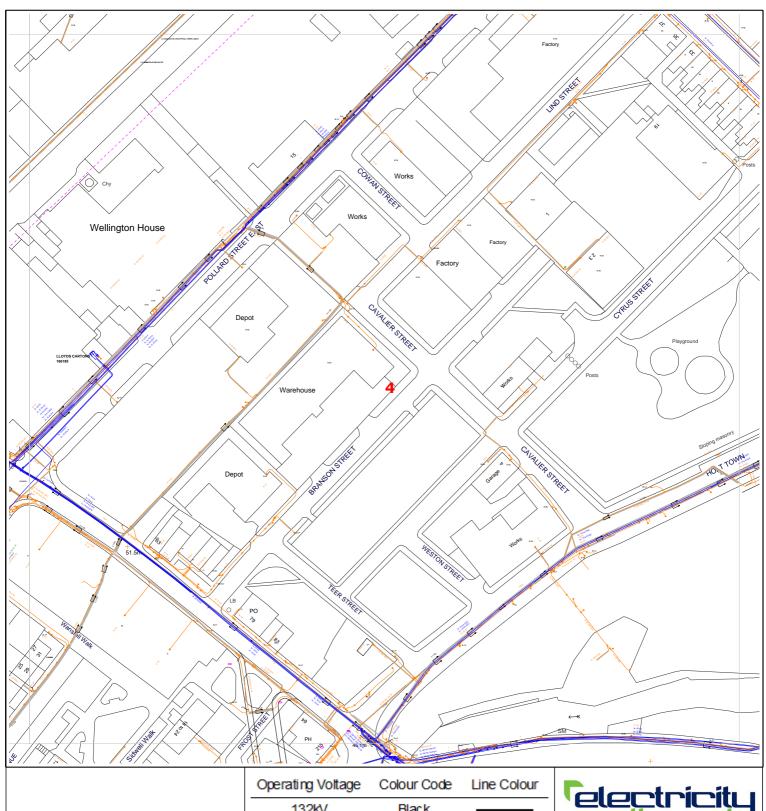
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Scales on A4 paper: 1:1250 Area dig site 1:250 Line dig site



Your Scheme/Reference: Brunswick Mill

Dig Sites:

Area Line

| Operating voltage | Colour Code | Line Colour |
|-------------------|-------------|-------------|
| 132kV | Black | |
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| | | |

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



Conditions and information regarding electricity mains

These general conditions and precautions apply to the electricity distribution system of Electricity North West Limited.

Please ensure that a copy of these conditions is passed to your representative and contractor on site.

- 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 a third party owns other than Electricity North West Limited
- Before any machines are used all of Electricity North West's underground apparatus should be located by manual excavation taking the appropriate safety precautions in accordance with the Health and Safety Executive Guidance note HS(G)47 "Avoiding danger from underground services". This contains advice to site personnel when working near underground services.

Underground services, particularly electricity and gas, can be dangerous. Damage to electricity cables can cause a dangerous flash, leading to severe burns or even death. Gas leaks can cause fire or explosion.

Damage can result from excavation or penetration of the ground, e.g. by a road pin.

Underground services may be found in roads, footpaths and on sites. Always assume that they are present. Treat any services found anywhere as live.

Accidents have happened because people have mistaken one service for another, e.g. black plastic covered electricity cables look like black plastic water pipes and cast iron gas and water mains look alike. Check before you act.

3. Before starting work you must:

- Make sure you have plans of the underground services in the area. This may not always be possible for emergency or unforeseen works.
 Remember that service connection cables and pipes from the main to building or streetlight may not be shown.
- Use a cable and pipe locator to trace electricity cables and metal pipes.
- Look for signs of service connection cables or pipes, e.g. a gas meter or service connection entry into a house or a streetlight.
- Hand dig trial holes (as many as necessary) to confirm the position of services in close proximity to the area of work.

4. When you start work:

- Hand dig near buried services whenever possible.
 Spades and shovels are safer than picks, pins or forks
- Remember that cables may be embedded in concrete. Electricity cables embedded in concrete must either be made dead before the concrete is broken out or another safe way of working agreed with the cable owner.
- Watch out for signs of services as work continues.
- Report damage to a cable, pipe or pipe coating however slight.
- Do not use hand held power tools within 0.5m of he marked position of an electricity cable, unless this is impracticable and the line of the cable has been identified by plans and positively confirmed by a locator.
- Do not use hand held power tools directly over the marked line of cable unless:
 - a) You have already found the cable at that position by careful hand digging beneath the surface and it is at a safe depth (at least 300mm) below the bottom of the surface to be broken, or
 - b) Physical means have been used to prevent the tool striking it.
- If an excavator is used near an electricity cable keep everyone clear of the bucket while it is digging.
 Buckets should not be used near cable – hand dig.
- Do not use exposed services as a convenient step or handhold.
- Do not handle or attempt to alter the position of an exposed service.
- Do not install plant close to an existing service.
- Do not build existing services into a manhole or other structure or encase them in concrete.

Would you also ensure that all site operators have this information and if any electrical apparatus is damaged, they/you should contact Electricity North West Limited fault desk on **0800 195 4141 (option 1)**

5. Overhead lines are not necessarily shown on the Electricity North West Limited cable records but may be present. In the event of work being carried out adjacent to overhead lines (including access, storage etc.) please always ensure strict adherence to the requirements of the Health and Safety Executive's Document GS6 "Avoidance of Danger from Overhead Electric Lines".

Extreme personal danger can result from contact, or near contact, with live conductors or overhead lines.

Treat all overhead lines and other electrical apparatus as live. If in doubt, get advice.

- 6. Electricity North West Limited must be consulted if work is to take place within 15 metres of overhead lines on steel towers or 9 metres of overhead lines on wood, concrete or steel pylons. (All distances should be measure at ground level from a position estimated by eye to be vertically under the outermost conductor at a tower or pole position) Any person involved in work in the vicinity of overhead lines should:
 - Understand and follow the instructions given on safe working areas and methods of work.
 - Make sure that warning notices are in the cabs of machines working in the vicinity of an overhead line.
 - Make sure that barriers and warning notices are erected as required.
 - Not tip soil or stack material underneath overhead lines as this may reduce the clearance to an unsafe distance.
 - Make sure when handling or using platforms, scaffold, poles, piping, ladders, hand tools etc., that they are kept at a safe distance from overhead lines.
 - Not steady a suspended load, skip, hoist wire, slings etc., unless satisfied that there isn't any danger from overhead lines.
 - Remember that when mobile plant, such as a crane or excavator, is operating near overhead lines, the raising or slewing of the jib may introduce danger.
 - Always keep overhead lines in view when manoeuvring mobile plant.
 - Never operate a machine unless carefully guided by an experienced banksman.
 - Not approach or touch any broken or fallen conductors or any plant in contact with an overhead line before Electricity North West Limited confirms that conditions are safe. Warn others to keep well clear.

Machine operators should note that: if a machine comes into contact with an overhead line and cannot be disentangled by backing off, remain seated in the cab and warn others to keep clear of the machine until Electricity North West Limited confirms that conditions are safe. If it is essential to

- leave the machine while it is in contact with the overhead line, for example if it catches fire, jump well clear and do not attempt to climb down in the normal way nor touch any part of the machine when on the ground.
- 7. Electricity North West Limited provides approximate locations of its electricity mains or apparatus according to its records but these records are not necessarily accurate or complete and do not always show the position of private cables from mains to properties. No person or company shall be relieved from liability for any damage caused by reason of the actual positions and/or depths being different from those indicated.
- 8. Care should be taken when excavating near cables. Known road crossings are highlighted on the enclosed plans. Should any cable, or Electricity North West Limited apparatus indicated on the attached plans, be affected by your proposals please contact us as follows:

Data Management Linley House Dickinson St Manchester M1 4LF

Telephone: 0800 195 4141 (option 2)

Details of diversion costs, if any, will be provided on request once your firm proposals have been submitted.

- Please note that service cables may be affected by some of the works being carried out on site.
 - If any services do require temporary disconnection please phone **0800 195 4141 (option 2)** for domestic and commercial disconnection, so that arrangement can be made to disconnect before work commences on site.
- 10. For information regarding supplies please contact us on **0800 195 4141 (option 2)**.
- Please note that cable records supplied may not be up to date, or may be incomplete, if the area concerned is a new site.
- 12. For information regarding wayleave or easement agreements contact:

Manchester 08433 115157
Preston 08433 113969
Kendal 08433 115155

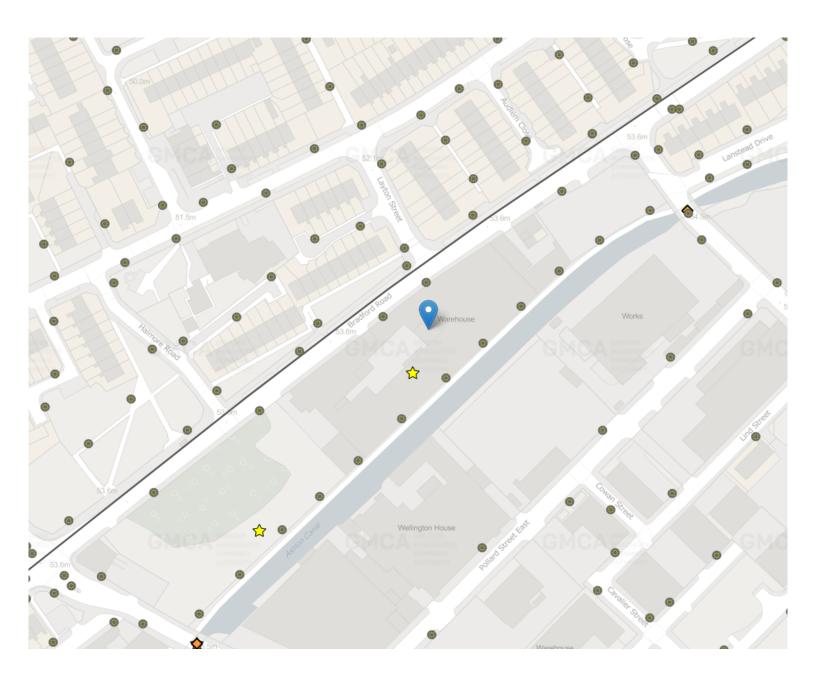
13. The latest cable records are always available for inspection during normal working hours and you should satisfy yourself that the information you have is up to date at the time you commence work. This service is consistent with the requirement of Regulation 36 of the Electricity Supply Regulations and paragraph 79 of the New Road and Street Works Act.

Please contact Data Management on **0800 195 4141** (option 2) to arrange an appointment to view the records.



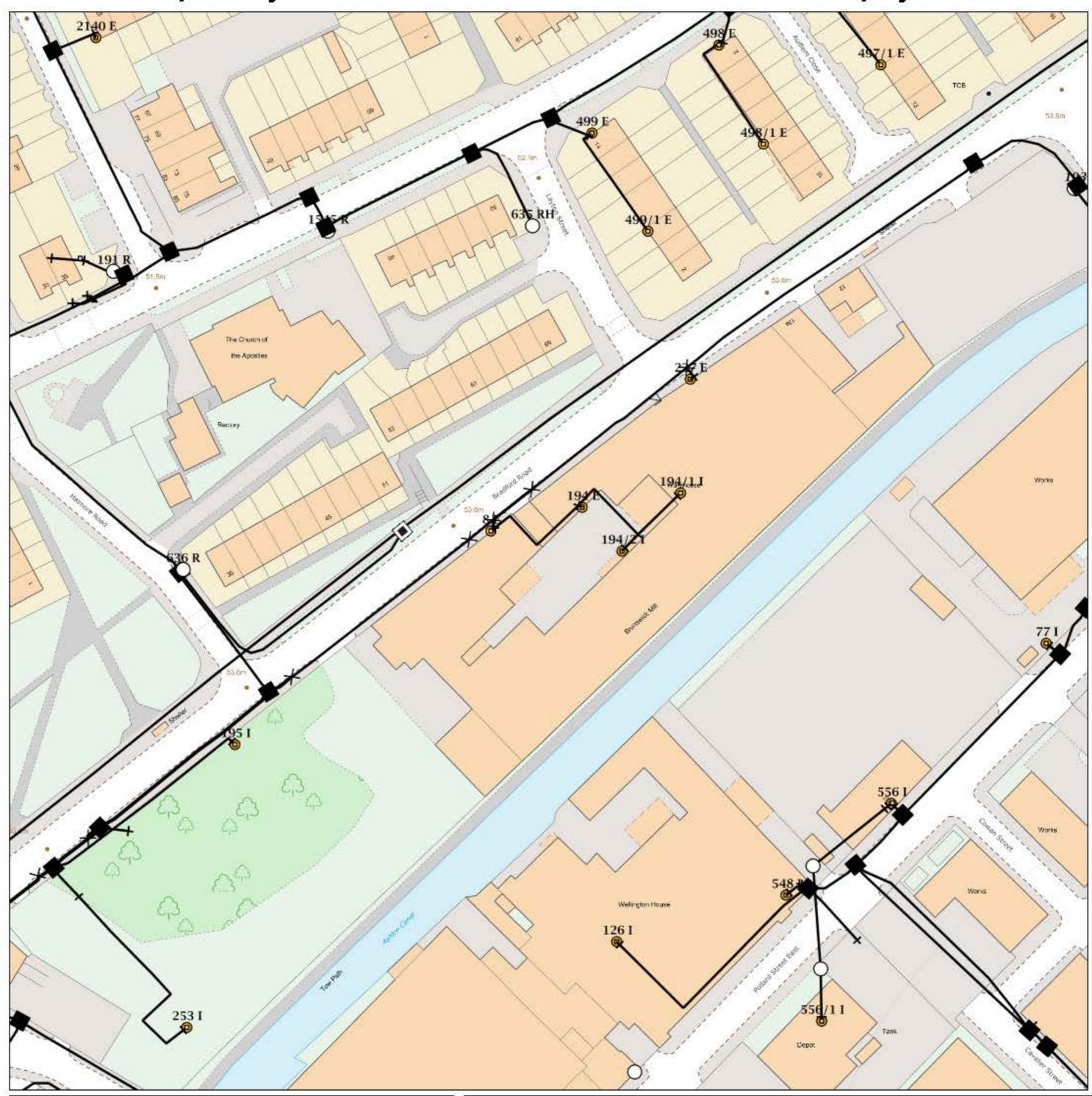
304 Bridgewater Place Birchwood Park Warrington WA3 6XG

www.enwl.co.uk



BT (Openreach)

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only.

No guarantee is given of its accuracy.

It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.



openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE 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 | Pole | 0 |
|-------------------|---------------------------------|---------------------|
| DP O | Planned Pole | 0 |
| Planned DP | Joint Box | |
| PCP 🔯 | Change Of State | + |
| Planned PCP | Split Coupling | × |
| Built | Duct Tee | A |
| Planned | Planned Box | |
| Inferred | Manhole | |
| Building | Planned Manhole | |
| Kiosk (K) | Cabinet | Û |
| Hatchings | Planned Cabinet | Û |
| | Other proposed plant is shown u | using dashed lines. |

BT Symbols not listed above maybe disregarded.

Existing BT Plant may not be recorded.

Information valid at time of preparation

BT Ref : YCX09268K

Map Reference : (centre) SJ8585898743 Easting/Northing : (centre) 385858,398743

Issued: 30/05/2018 21:27:17

Dear Sir/Madam.

With regards to your enquiry, Network Rail does not believe there is any Network Rail owned apparatus or underground services within the area you have defined. As there is always the possibility that new works could be planned and undertaken in this area by Network Rail this information is valid as at today's date and is supplied for general guidance only.

Please be aware that this response is based on Network Rail's records and knowledge and no guarantee can be given regarding accuracy or completeness. CAT scans, safe digging practices (as contained in HSE publications) and other appropriate investigative techniques should always be carried out.

There may be other apparatus or underground services owned or operated by Utility Companies and accordingly you should contact individual utilities for information.

If, in connection with your investigations and/or work, you become aware of Network Rail apparatus or underground services within your area of work, please ensure these are notified to our Asset Protection team via the following link as a matter of urgency so that appropriate measures for avoidance of risk and damage can be put in place.

http://www.networkrail.co.uk/aspx/1758.aspx?cd=1

If you require any further clarification on any of the information please contact opburiedservicesenquiries@networkrail.co.uk.

Regards,

Gareth Milne

Distribution Administrator (NRSWA) Asset Information Services

Asset Information Services: to inspire & enable through the power of data

National Records Centre, 5 Audax Road, York YO30 4GS

T +44(0)1904 386393 E gareth.milne@networkrail.co.uk



Environment

Dear Customer

You may need an environmental permit if you intend to carry out work in, under, over or near to a main river flood or sea defence. You can find more information about this at:

https://www.gov.uk/guidance/flood-risk-activities-environmental-permits

Although the Environment Agency is classed as a statutory undertaker for certain purposes, we do not generally have plant equipment or pipelines situated in the public highway.

We have drafted this reply without conducting a specific search of our records. We ask that you make the necessary checks and if you have reason to think that your proposal will affect land or equipment which we own or is close to a watercourse as defined above, please resubmit your enquiry making this clear in your reply.

Kind regards

Liam Morris

Environment Agency

89_07_SD02, Version 6

Standard notice [not for use with Special Data, Personal Data or unlicensed 3rd party rights]



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adapt the Information



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- internal use for any purpose, or offering a product or service based on the Information for indirect commercial advantage, by an organisation that is primarily engaged in trade, commerce or a profession.

Contact: enquiries@environment-agency.gov.uk 03708 506506



NEW ROADS AND STREET WORKS ACT 1991 OPENING UP OF THE HIGHWAY NOTICE

Application to:

Manchester City Council, Corporate Core - Highways, PO Box 532, Town Hall, Manchester M60 2LA

| Application from: | , , | , , |
|---------------------|------------|---------------------------------------|
| Company | | |
| name | Address | |
| пашь | Addiess | |
| Contact | Telephone | Email |
| name | number | address |
| | | |
| Works Reference | | |
| Street name | | |
| Locality / Ward | | |
| Postcode | | |
| USRN | | |
| | | lace, House no / location description |
| Timing | | |
| Date of application | Start date | Completion date |
| Works Category | | 1 |
| Minor (3 days) | | |
| Standard (10 days) | | |
| Major (10 days +) | | |
| | | |

Dimensions of Excavation

| Item | Location | Approximate Dimensions (mm) | | | Carriageway, Footway or Verge (C,F,V) | |
|------|----------|-----------------------------|-------|-------|---------------------------------------|--|
| | | Length | Width | Depth | | |
| | | | | | | |
| - | | | | | | |
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| | | | | | | |

| Traffic contro | ol to | be e | mployed | (Tra | ffic Managen | nent Plan to be pr | rovid | led) | |
|----------------------------------|-------|--------|--------------------|-----------------------------------|-----------------|--------------------------------|----------------|---|--|
| Stop / Go Boards | | | np Traffic nals | | Road Closure | Priority Flow | | None | |
| Duarus | | Sigi | ilais | | Closule | FIOW | | required | |
| la Chasial F | \al== | 0 ri : | | 1 | If you be- | the relevant name | , 1 | | |
| Is Special En Difficulty Invo | _ | _ |) | Υ/ | • | s the relevant party acted? | / | Y/N | |
| Is area Traffi | | | re? | If yes, will the works affect the | | | | | |
| | | | | Υ/ | N traffic flow | <i>I</i> | | Y/N | |
| | | | | | | | | | |
| Details of Co | ntrac | ctor | employed | l to c | carry out the | works | | | |
| Name | | | | | | | | | |
| Address | | | | | | | | | |
| Tel number | | | | | | Emergency co | ontac | ct number | |
| | | | | | | | | | |
| Details of Co | ntrac | ctors | Public L | iabil | itv Insurance | (minimum £10 m | illior | n) | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Details of st | treet | wor | ks accre | ditat | ion (proof to | be submitted wit | h thi | is form) | |
| | | | | | | | | - | |
| Full Name: | | | | | | | | | |
| Accreditation | /Reg | gistra | tion Numb | oer: | | E | Expir | ry Date: | |
| Supervisor / | Onei | rative | »* (d | امام | e as appropria | te) | | | |
| Supervisor / | Оре | alive | - (u | CICIC | σα αρριοριία | i <i>e)</i> | | | |
| Full Name: | | | | | | | | | |
| Accreditation | n/Red | nistra | ition Numb | oer: | | E | Expir | ry Date: | |
| | | | | | | | I. | | |
| Supervisor / | Ope | rative | e* (d | lelete | as appropria | te) | | | |
| IMPORTANT | NO. | ΓΕ | | | | | | | |
| | | | | | | | m wh | nich will apply if this application is | |
| approved. Sp | eciai | Cor | เดเนอกร กาล | ay ap | ppiy in certain | circumstances | | | |
| | | | | | | | | painst all losses or claims arising | |
| | | | | | | | | s or injury which may occur to any The contractor shall have public | |
| | | | | | | 0,000 for any one | | | |
| Signed | 1 | | | | | | | | |
| Jigileu | | | | | | | | | |
| | | | | | | | | | |
| Date | | | | | | | | | |
| Print Name | | | | | | Position in the | | | |

General Conditions

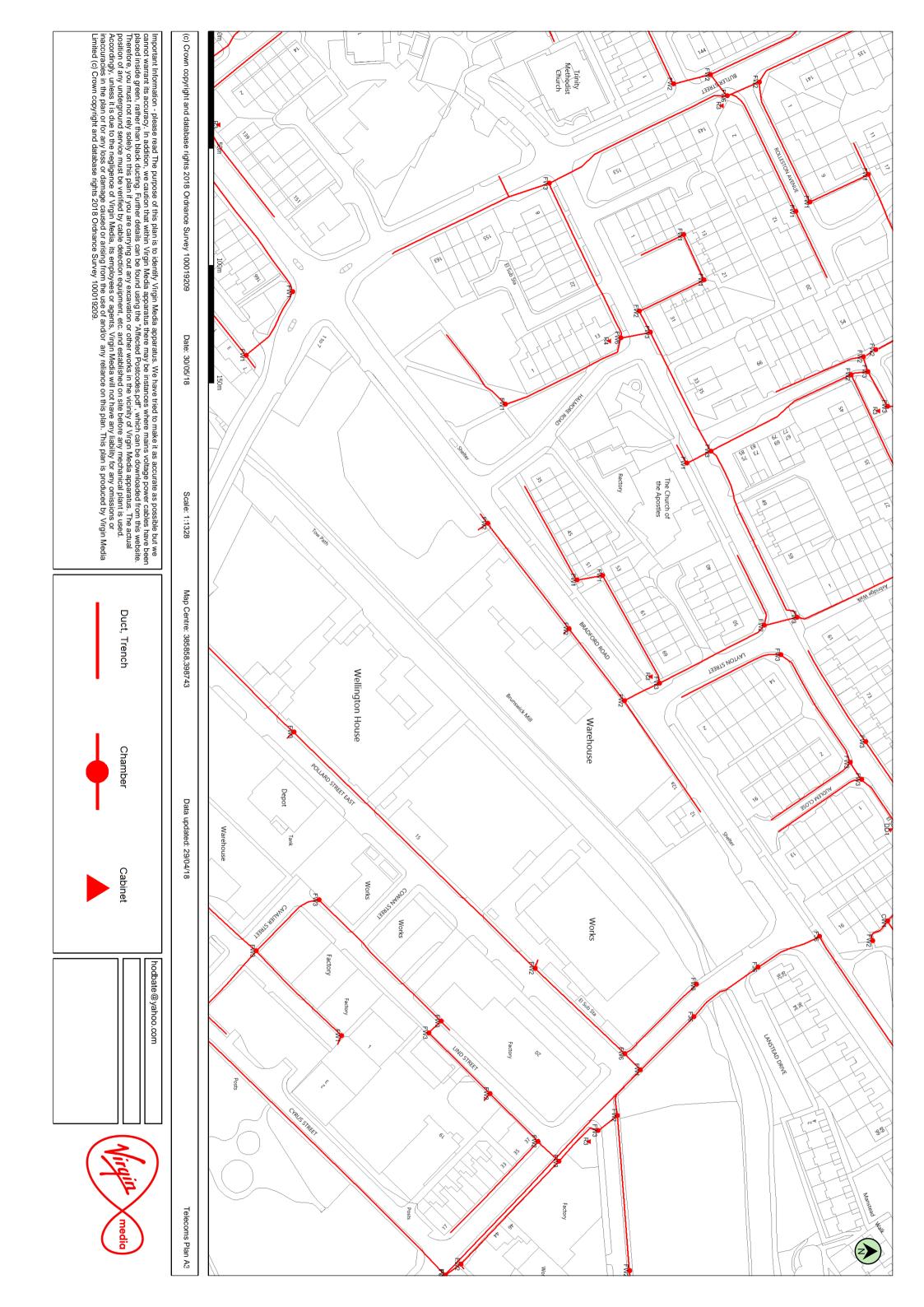
- 1. This Permit is specific to a street/road. Should excavations be required in more than one street/road then a separate permit will be required for each street/road affected. A maximum of 10 separate locations per street/road can be covered by one permit.
- 2. This permit does not encompass the placing of new or the repair to existing apparatus within the highway boundaries. If the intention is to place new or repair existing apparatus within the highway boundaries a Section 50 licence (New Roads and Street Works Act 1991) will be required. This form can be obtained by contacting MCC at highwayapplications@manchester.gov.uk
- 3. Prior to undertaking any temporary excavation within the highway boundaries the applicant shall contact the Statutory Undertakers to identify whether the proposed temporary excavation will affect their apparatus. Manchester City Council does not necessarily require a copy of the Statutory Undertakers responses and therefore the applicant may, alternatively, provide a letter stating that the responses have been received and that these will be forwarded to the contractor undertaking the temporary excavation.
- 4. Where any waste generated from the works associated with the temporary excavation has to be disposed of, the Licence Holder must retain a copy of the completed Controlled Waste Transfer Note with a further copy being given to the person accepting the waste.
- 5. The temporary excavation shall not cause unreasonable obstruction of the highway. The decision of the County Councils Highways Manager shall be absolute in this respect.
- 6. The unobstructed width of any footway shall not be less than 1.0 metre, unless specific permission has been granted by the County Councils Highways Manager and thus specified in the site specific conditions.
- 7. During all phases of the temporary excavation (excavation through to reinstatement) the area occupied by the temporary excavation together with all working areas, safety zones and approaches shall be signed, guarded and lit in accordance with the requirements as specified in Safety at Street Works and Road Works, A Code of Practice issued by the Secretary of State for Transport, Local Government and the Regions under Sections 65 & 124 of the New Roads and Street Works Act 1991.
- 8. Signing and guarding of the temporary excavation may require shuttle working with associated traffic control past the works area. Where the required traffic control necessitates the use of temporary traffic signals the applicant shall obtain the relevant permit from the City Councils Website.
- This form can be downloaded from the City Council's web site **A copy of your Traffic Management Plan must be included with your application**.
- 9. The materials to be used, standard of workmanship to be observed and performance requirements associated with the reinstatement of a temporary excavation within the highway boundaries shall, in all respects, comply with the Specification for the Reinstatement of Openings in Highways, A Code of Practice issued by the Secretary of State for Transport, Local Government and the Regions under Section 71 of the New Roads and Street Works Act 1991.
- 10. The applicant must comply with any instructions/directions given by the City Council Highways Officer with respect to the erection and maintenance of traffic signs together with any other temporary traffic management measures, such instructions/directions shall be actioned within 2 hours unless otherwise stated in writing.

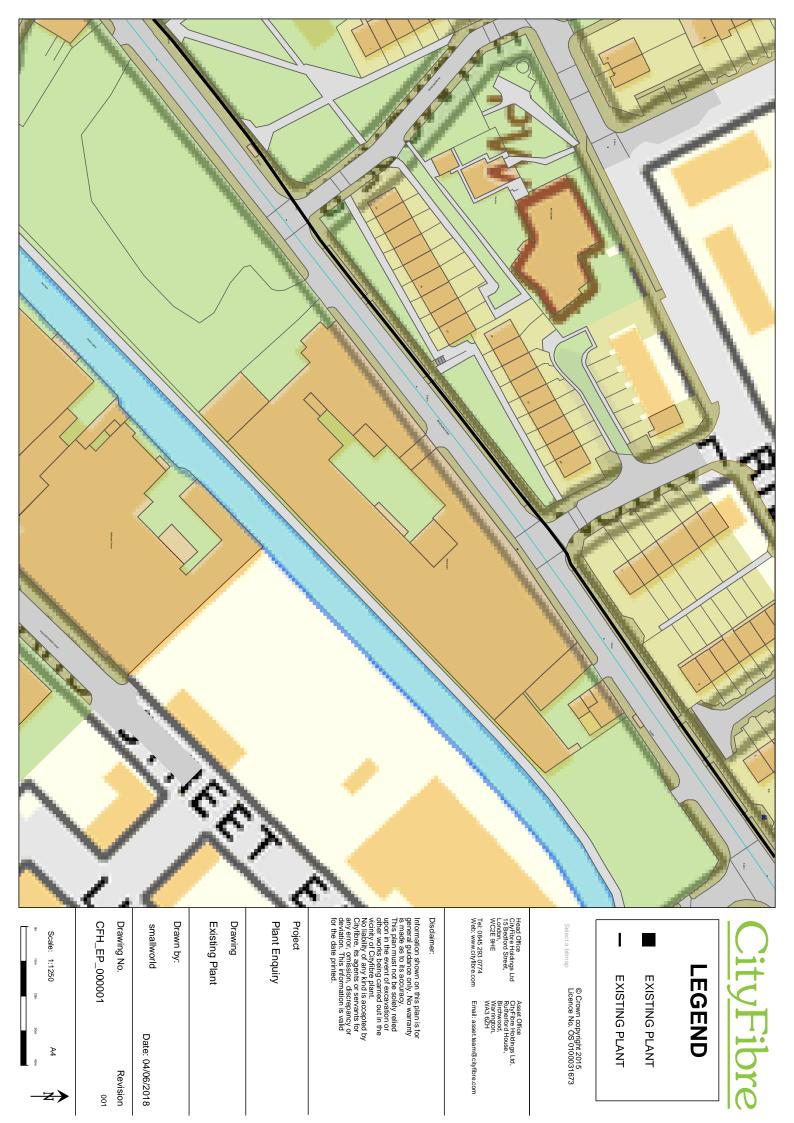
- 11. Should, in the opinion of the City Council Highways Manager, it becomes necessary to instigate remedial action to provide the required traffic management measures, the full cost associated with these remedial measures, including the cost of any material losses incurred by Manchester City Council, may be charged to the applicant.
- 12. No materials or items of plant, other than those expressly required for the temporary excavation shall be permitted to be stored within the highway boundaries under the terms of this Permit. Should the applicant require the storing of materials or items of plant within the highway boundaries an application for a General Permit which specifically authorises such storage should be applied for by contacting Highways at highwaysapplications@manchester.gov.uk
- 13. Under no circumstances shall materials or items of plant be placed over or obstruct access to any manholes, hydrants or other Public Utility Companies equipment.
- 14. Upon completion of the temporary excavation all materials and items of plant shall be cleared away and the surface of the carriageway, verge and/or footway left in a condition satisfactory to the County Council Highways Manager. The full cost associated with reinstating any damage to the carriageway, verge and/or footway caused by either a direct or indirect consequence of enacting this Permit may be re-charged to the applicant. Contractors are advised to undertake dilapidation surveys before works commence.

PLEASE NOTE THAT:-

- a) The applicant shall be required to indemnify the City Council in relation to any and all third party claims and to this effect shall have public liability insurance in the sum of £10million for each / any claim. A copy of a current certificate of insurance must be provided with this application.
- b) General Condition 9 refers to the Specification for the Reinstatement of Openings in Highways. The applicants' attention is drawn to the performance requirements of any reinstatement associated with a temporary excavation within the highway boundaries. Depending upon the depth of the temporary excavation a performance related guarantee will apply, this being for a period of 2 years for excavations less than 1.5 metres deep and 3 years for excavations greater than 1.5 metres deep. The guarantee period will not commence until such time as the applicant registers the dimensions of the reinstatement. The applicant will be responsible for the performance of the reinstatement throughout the guarantee period and will indemnify the City Council against any third party claims associated with the reinstatement, It is therefore in the interest of the applicant to register the reinstatement details at the earliest possible opportunity.
- c) General Condition 4 refers to a Controlled Waste Transfer Note.
- d) Should the location of the temporary excavation necessitate a Temporary Traffic Regulation Order [TTRO], the applicant is advised that a 6 week lead time is required to formulate, advertise and make the legal order. The applicant will be required to pay all of the costs associated with making the TTRO together with the traffic management costs incurred implementing the TTRO.

Communications (Affected)

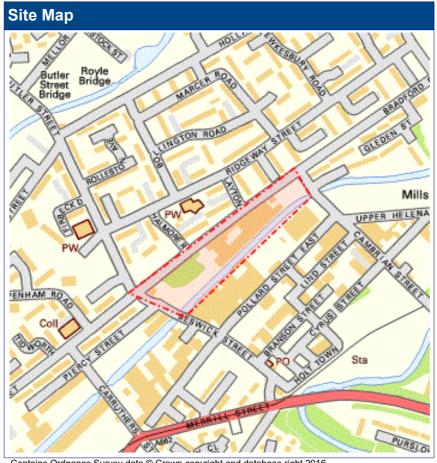




Communications (None Affected)

| Enquiry Details | | | |
|------------------------|--------------------|-------------------|---------------------------|
| Scheme/Reference | Brunswick Mill | | |
| Enquiry type | Planned Works | Work category | Utility Works |
| Start date | 02/06/2018 | Work type | Multiple excavations site |
| End date | 29/06/2018 | Site size | 23259 metres square |
| Searched location | XY= 385858, 398743 | Work type buffer* | 25 metres |
| Confirmed location | 385854 398726 | - | |

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



V3.3.2

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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.

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 LinesearchbeforeUdig 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 | | |
| National Grid Gas (Above 7 bar), National Grid Gas Distribution | | Gas 0800111999 | | | |
| Limited (Above 2 bar) and National Grid Electricity Transmission | 0800688588 | Electricity | Await response | | |
| Limited (Above 2 bar) and National Glid Electricity Transmission | | 0800404090 | | | |

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 | s |
|---|---|--|
| AWE Pipeline | Gateshead Energy Company | Prysmian Cables & Systems Ltd (c/o Western Link) |
| BOC Limited (A Member of the Linde Group) | Gigaclear PLC | Redundant Pipelines - LPDA |
| BP Exploration Operating Company Limited | Gtt | RWEnpower (Little Barford and South Haven) |
| вра | Humbly Grove Energy | SABIC UK Petrochemicals |
| Carrington Gas Pipeline | IGas Energy | Scottish Power Generation |
| CATS Pipeline c/o Wood Group PSN | INEOS FPS Pipelines | Seabank Power Ltd |
| Cemex | INEOS Manufacturing (Scotland and TSEP) | SGN |
| Centrica Storage Ltd | INOVYN Enterprises Limited | Shell (St Fergus to Mossmorran) |
| CLH Pipeline System Ltd | Intergen (Coryton Energy or Spalding Energy) | Shell Pipelines |
| Concept Solutions People Ltd | Mainline Pipelines Limited | SSE (Peterhead Power Station) |
| ConocoPhillips (UK) Ltd | Manchester Jetline Limited | Tata Communications (c/o JSM Construction Ltd) |
| DIO (MOD Abandoned Pipelines) | Manx Cable Company | Total (Colnbrook & Colwick Pipelines) |
| E.ON UK CHP Limited | Marchwood Power Ltd (Gas Pipeline) | Total Finaline Pipelines |
| EirGrid | Melbourn Solar Limited | Transmission Capital |
| ENI & Himor c/o Penspen Ltd | Northumbrian Water Group | UK Power Networks |
| EnQuest NNS Limited | NPower CHP Pipelines | Uniper UK Ltd |
| EP Langage Limited | Oikos Storage Limited | Vattenfall |
| ESP Utilities Group | Ørsted | Veolia ES SELCHP Limited |
| ESSAR | Perenco UK Limited (Purbeck Southampton Pipeline) | Western Power Distribution |
| Esso Petroleum Company Limited | Petroineos | Westminster City Council |
| Fulcrum Pipelines Limited | Phillips 66 | Wingas Storage UK Ltd |
| Gamma | Premier Transmission Ltd (SNIP) | Zayo Group UK Ltd c/o JSM Group Ltd |

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.

| Asset Owner | Preferred contact method | Phone | Status |
|--|--|---------------|--------------|
| ВТ | https://www.swns.bt.com/pls/mbe/welcome.home | 08009173993 | Not Notified |
| CenturyLink Communications UK Limited | plantenquiries@instalcom.co.uk | 02087314613 | Not Notified |
| CityFibre | asset.team@cityfibre.com | 033 3150 7282 | Not Notified |
| Colt | plantenquiries@catelecomuk.com | 01227768427 | Not Notified |
| Energetics Electricity | plantenquiries@energetics-uk.com | 01698404646 | Not Notified |
| ENGIE | nrswa@cofely-gdfsuez.com | 01293 549944 | Not Notified |
| GTC | https://pe.gtc-uk.co.uk/PlantEnqMembership | 01359240363 | Not Notified |
| Interoute | interoute.enquiries@plancast.co.uk | 02070259000 | Not Notified |
| KPN (c/-Instalcom) | kpn.plantenquiries@instalcom.co.uk | n/a | Not Notified |
| Manchester City Council | medc@manchester.gov.uk | 01614552250 | Not Notified |
| Mobile Broadband Network Limited | mbnl.plant.enquiries@turntown.com | 01212 621 100 | Not Notified |
| National Grid Gas Distribution (below 2 bar) | plantprotection@nationalgrid.com | 0800688588 | Not Notified |
| Sky UK Limited | nrswa@sky.uk | 02070323234 | Not Notified |
| Sota | SOTA.plantenquiries@instalcom.co.uk | | Not Notified |
| Teliasonera | telenttelia.plantenquiries@telent.com | 0800526015 | Not Notified |
| United Utilities | WastewaterDeveloperServices@uuplc.co.uk | 08707510101 | Not Notified |
| Utilicom Limited | NRSWA@cofely-gdfsuez.com | 01293549944 | 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 |

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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





Dear Sir or Madam,

With reference to your plant enquiry below, we can confirm that KPN 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 us.

<u>Please note that this response is only valid for 3 months. If your works do not commence</u> 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: kpn.plantenquiries@instalcom.co.uk

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









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.

If you require further assistance with outstanding enquiries, please call 03300 587 443.

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

Regards

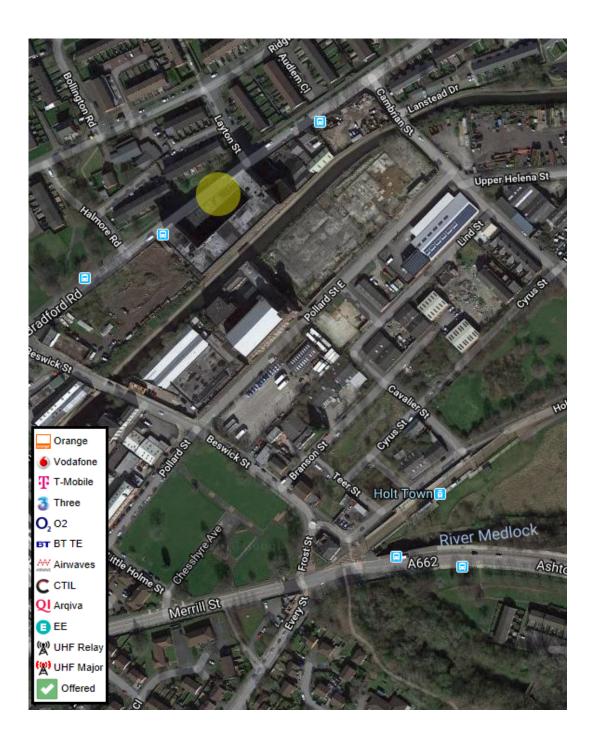
Plant Enquiries

E: plantenquiries@energetics-uk.com

W: www.energetics-uk.com







Dear Sir or Madam,

Thank you for your plant enquiry below.

We can confirm that 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.

<u>Please note that this response is only valid for 3 months.</u> 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: <u>plantenquiries@instalcom.co.uk</u>

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











Thank you for your enquiry.

Please be advised that Sky Telecommunications Services Ltd will <u>not</u> be affected by your proposal.

Best endeavours have been made to ensure accuracy, however if you require further information, please contact us by email at nrswa@sky.uk.

Regards



Hi, thanks for the advance notice however I can confirm on this occasion we have NO apparatus in the vicinity of the proposed works.(Gtt formerly Hibernia Networks). We are now a member of LSBUD, for all future requests please contact LSBUD directly.

Regards

Owen Maguire

Networks Operations Manager NI office: +44 (0) 28 70380028 | mobile: +44 754-553-2224

www.gtt.net



| 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 |
| |

Dear Sir/Madam,

Please note that KCOM only own apparatus within the Public Highway in East Yorkshire and Lincolnshire.

Apparatus in the Public Highway, which was previously owned by KCOM outside of East Yorkshire and Lincolnshire, is now owned by City Fibre.

All future Plant enquiries or NRSWA C2, C3 or C4 Inquiries, regarding this apparatus outside of East Yorkshire and Lincolnshire, should be directed to City Fibre not KCOM.

Please forward your enquiry to asset.team@cityfibre.com

PLEASE NOTE THIS EMAIL HAS NOT BEEN FORWARDED

Regards

Jarod Gillespie

Apprentice Planning and Design Consultant – Field Engineering

Tel: +44 (0)3316 646302

Mob: +44 (0)7484 032622

Email: jarod.gillespie@kcom.com

Web: www.kcom.com



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.

Yours faithfully

PLANCAST Plant Enquiry Department



The Old Haybarn Rosebery Mews, Mentmore Bedfordshire LU7 0UE

T: 01296 662647 www.plancast.co.uk

Save Paper - Do you really need to print this email? This email and any attachments are or may be confidential and legally privileged and are sent solely for the attention of the addressee(s). If you have received this email in error, please delete it from your system: it's use, disclosure or copying is unauthorised. Statements and opinions expressed in this email may not represent those of PLAN CAST. Any representations or commitments in this email are subject to contract.

Registered office: 1st Floor, The Old Haybarn, Rosebery Mews, Mentmore LU7 0UE.

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

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

euNetworks Fiber UK Limited do not have plant in the vacinity of your proposed works and no strategic additions to our existing network are envisaged in the immediate future.

This information is only valid for a period of 3 months so, if your start date is 3 months or more from the date of this email, please re-apply for updated information at our generic email addre ss: plantenquiries@psgservices.co.uk.

Kind regards

ALL PLANT ENQUIRIES AND DIVERSIONARY REQUESTS SHOULD BE ADDRESSED BY EMAIL TO THE OPERATIONS

THANK YOU



For and on behalf of euNetwork Fiber UK Limited

Regards

Stuart Green

M 07796 696810 | **T** 01257 433166 | **E** <u>plantenquiries@psgservices.co.uk</u>



Good Morning,

I can confirm there are no assets in the area.

Kind Regards
Claire Phillips
Distribution Administration Assistant
0844 800 1813

















Dear Sir or Madam,

With reference to your plant enquiry below, we can confirm that SOTA 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 us.

<u>Please note that this response is only valid for 3 months.</u> 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: sota.plantenquiries@instalcom.co.uk

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











www.telent.com

Our Ref LPENQ0000099318

Dear Sir/Madam

Teliasonera Line Plant Enquiry.

Thank you for your correspondence enclosing details of your proposals as per your reference below.

Deepcut Bridge Road, Deepcut, Camberley

Our client's apparatus, Teliasonera, is not located within the vicinity of the above reference and we therefore have no further interest in this current location.

Please note that all enquiries relating to the Teliasonera line plant should be forwarded to:

By post – to, telent,

Teliasonera line plant enquiries

Mayne House,

Fenton Way,

Basildon,

Essex

SS15 6TD

By email - to, <u>telenttelia.plantenquiries@telent.com</u>

By phone – to, 01268 412670

Yours faithfully

Telent CCO

Basildon

telent Technology Services Limited. Registered in England. No. 703317. Re gistered Office: Point 3, Haywood Road, Warwick, CV34 5AH, England

Dear Sir/Madam

Turner & Townsend Project Management are appointed on behalf of MBNL to conduct Plant (apparatus) Searches in accordance with the relevant NRSWA Act 1991- Diversionary Works legislation. These searches considered plant belonging to EE (T-Mobile and Orange sites) and the HG3 mobile telecommunication networks.

Further to your plant enquiry please see the response below to the NRSWA request submitted

MBNL do not have any plant that would be affected by the proposed work. Should you have any further queries please use the contact details below.

Kind Regards

MBNL SHQE Team

Turner & Townsend t: +44 (0) 121 262 3663

http://www.turnerandtownsend.com

Turner & Townsend Europe Limited

Registered Office: Low Hall, Calverley Lane, Horsforth, Leeds LS18 4GH, United Kingdom | Registered in England and Wales | Registration No: 3514794

Disclaimer

This record pack has been compiled from information provided by Statutory Utility Providers.

Whilst every effort has been made to ensure the accuracy

And completeness of information included within this report,

Clancy Consulting Ltd

Take no responsibility for erroneous or missing historic record data which has been supplied

To us from a utility provider. Due to the nature of record

Information being indicative rather than accurate it is advisable

For a full site utility survey to be undertaken

Prior to any groundwork's or construction.