



INVICTA HOUSE
MANCHESTER
UTILITIES STATEMENT PLANNING REPORT

Revision Record Sheet

<u>Issue/Revision</u>	<u>Issue Date</u>	<u>Description</u>	<u>By</u>	<u>Checked</u>
0	20 th March 2017	First Issue	MM	TD
1	30 th April 2020	Second Issue	MM	TD

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South Central
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Manchester
M2 5QR

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www.waterman-group.co.uk

30th January 2017
Project Number: 12583/29.0
Rev 1

Approved By:

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The report is non-assignable. WBSL will have no liability to any third
party and the report is issued in line with WBSL Terms and Conditions***



EXISTING SERVICES DIVERSIONS

It is envisaged that the construction of the new hotel building will have limited impact on the existing local area infrastructure installations as a result of the new hotel occupying the site of an existing building. However, the new building will require utility supplies of an increased capacity to that which currently serve the existing Invicta House, requiring minimal upgrade of the local area networks. The following summarises the works that are required to the existing services infrastructure.

1. Disconnect the existing utility supplies to Invicta House
2. New increase capacity electricity supply
3. New increased capacity gas supply
4. New increased capacity domestic water supply
5. New sprinkler main water supply
6. New increased capacity telecommunication supplies

NEW INCOMING SUPPLIES

New Incoming Gas Supply

It is proposed that the new building shall be served by a new gas supply, sized to meet the new gas requirements of the new building and its intended usages. It is proposed that the new gas supply shall be taken off the existing street gas mains, upgraded by the statutory authority to satisfy the new demand.

Gas utility meter shall be provided and shall be pulsed and the incoming gas main shall be protected by an emergency shut off solenoid valve linked to the fire alarm system.

New Incoming Electricity Supply

It is proposed that the new building shall be served by a new electricity supply, sized to meet the requirements of the new building and its intended usages. It is proposed that the new electricity supply shall be taken off the existing local area network with the infrastructure upgraded as required to support the new development if required by the statutory supply company. The new high voltage connection shall be routed to serve a new utility owned 500kVA substation located within the new development building on the ground floor, accessed off Little Quay Street.

The new utility metered electricity supply shall be routed into the building and shall terminate in a new LV switchpanel from where the cabling shall be distributed onto the floors of the building.

New Incoming Domestic Water Supply

It is proposed that the new building shall be served by a new domestic water supply, sized to meet the new water requirements of the building and its intended usages. It is proposed that the new water supply shall be taken off the existing street water mains, upgraded as required to meet the new load of the hotel development. Water utility meters shall be provided and shall be pulsed.

New Incoming Sprinkler Main Water Supply

It is proposed that the new building shall be served by a new sprinkler main water supply, sized to meet the requirements of the sprinkler system installed within the building. It is proposed that the new sprinkler main water supply shall be taken off the existing street water mains, upgraded as required to meet the new load.

Telecommunications

It is proposed that new data and telecoms supply routes shall be installed to serve the new building requirements. Data services links shall also be provided to link the new building's data installations out into the street to connect with the local area infrastructure for comms and phone connections.



AFFECTED SERVICES

The table below highlights the services in the area of the site that will be affected

Utility Company	Anticipated Works
Electricity Northwest (ENWL)	Electricity supply utility services in the area are not immediately affected by the proposed development in terms of services crossing the site that may be affected and requiring diversions. The only affected service is the existing incoming supply to the Invicta House building, which will require disconnection in Atkinson Street, as part of the re-development scheme. It is anticipated that local HV/LV network capacity will be sufficient to serve the new building requirements, without the necessity for major off-site reinforcement works being necessary, although limited works locally will be needed.
National Grid (Gas)	Gas supply utility services in the area are not immediately affected by the proposed development in terms of services crossing the site that may be affected and requiring diversions. The only affected service is the existing incoming supply to the Invicta House building, which will require disconnection in Atkinson Street, as part of the re-development scheme. It is anticipated that local gas supply network capacity will be sufficient to serve the new building requirements, without the necessity for major off-site reinforcement works being necessary, although limited works locally will be needed.
United Utilities (water supply)	Water supply utility services in the area are not immediately affected by the proposed development in terms of services crossing the site that may be affected and requiring diversions. The only affected service is the existing incoming supply to the Invicta House building, which will require disconnection in Atkinson Street, as part of the re-development scheme. It is anticipated that local water supply network capacity will be sufficient to serve the new building requirements, without the necessity for major off-site reinforcement works being necessary, although limited works locally will be needed.
BT Open Reach	Telecoms (BT Open Reach) services in the area do not appear to be immediately affected by the proposed development in terms of services crossing the site that may be affected and requiring diversions. The only affected service is the existing incoming connections to the Invicta House building, which will require disconnection in Atkinson Street, as part of the re-development scheme. BT search information received indicates further discussions with their National Network handling team, and on-site investigations will be necessary during the next stage of the scheme design development.

UNAFFECTED SERVICES

The table below highlights the services in the area of the site that will be unaffected

Utility Company	Services Provided
Argiva	Telecommunications
BSKYB	Telecommunications
C.A. Telecom UK Ltd (COLT)	Telecommunications
City Fibre Holdings	Telecommunications
Environmental Services	Plant
Agency Fulcrum Pipelines	Pipeline services
Gamma	Telecommunications
GM UTC	Telecommunications
GTC	Electric, Gas, Water, Telecommunications
Interoute Vtesse	Telecommunications
KCOM Group	Telecommunications
McNicholas (KPN International)	Telecommunications
McNicholas (TATA Communications)	Telecommunications
Network Rail	Rail
PLancast (Interoute)	Telecommunications
SSE	Electric, Gas, Telecommunications
Traffic Master	Road
Verizon Business	Telecommunications
United Utilities Sewers	Sewer Network
Virgin Media	Telecommunications
Vodafone	Telecommunications
Telecoms (Instalcom) (Level 3 Global Crossing (UK) & PEC and Fibernet UK))	Telecommunications

AFFECTED SERVICES

The following plans and documents are the record plans and responses received from the affected utility service providers.

ATKINS CHECKED

CS



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

Miss Chrissy Elliott
Atkins
The Hub 500 Park Avenue, Aztec West, Patchway
Almondsbury Bristol
BS32 4RZ

Our Reference: 7780487

Your Reference: 42466/PK

Dear Miss Chrissy Elliott

Electricity Network Plans

I acknowledge with thanks your request dated 09/12/2015 11:32:49 AM for information on the location of our services.

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

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

Yours sincerely,

Data Management

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.

1. 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

2. 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 the 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 GSG "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.

9. 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).**

11. 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

0161 604 1341

Preston

01772 848639

Kendal

01539 796082

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

Registered in England and Wales
Registered Number 2366949

Hussein, Nimo

From:
Sent:
To:
Cc:
Subject:



Robert Tuppen <robert.tuppen@energetics-uk.com>
09 December 2015 08:13
Statutory Enquiries
Plant Enquiries; Warringtoncad
RE: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester
4569_200_RevB_Deansgate_Manchester_Proposed Electric Layout
(26.10.12)_BOUNDED-200.pdf; 4569_300_RevC_Deansgate_Manchester_Proposed Gas Layout (01.10.13)_BOUNDED-300.pdf

Categories: NH

Dear Pragathi,

Further to your enquiry shown below and based on the information provided, I would advise that Energetics may have plant within the area of your works. Please find attached Energetics proposal drawings for your reference.

If you have any questions regarding your enquiry, please call 01698 404945.

I would like to thank you for submitting your plant enquiry to Energetics.

For future reference please ensure all plant enquiries are sent to plantenquiries@energetics-uk.com

Regards,

Rob Tuppen
Senior Cad Operator

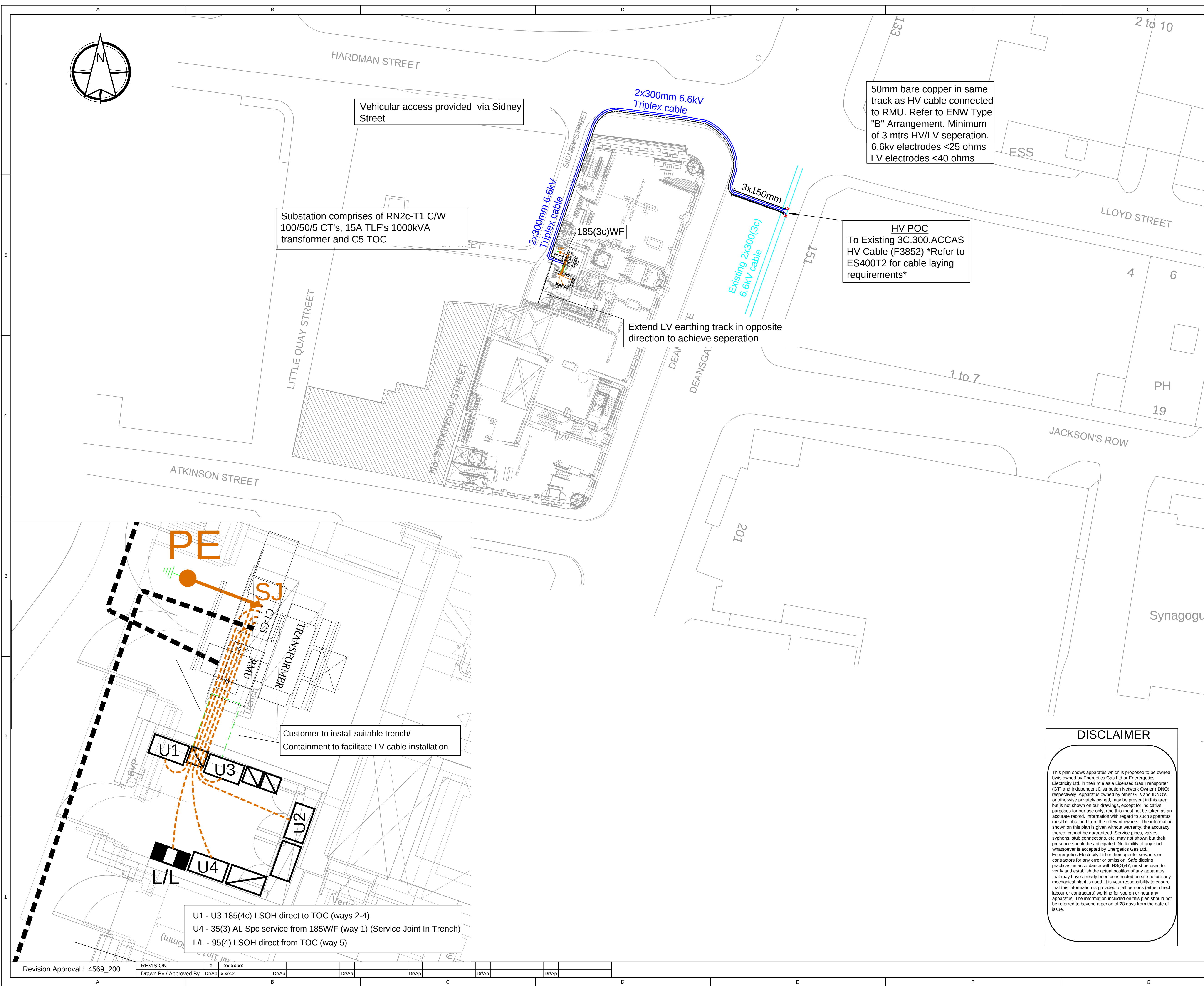
Energetics Electric & Gas
International House
Stanley Boulevard
Hamilton International Technology Park
Glasgow
G72 0BN

From: Plant Enquiries
Sent: 08 December 2015 16:38
To: Warringtoncad
Subject: FW: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester
4569 184-186 Deansgate manchester

Regards,

Louise O'Raw
Administrator

Energetics Design & Build
International House
Stanley Boulevard

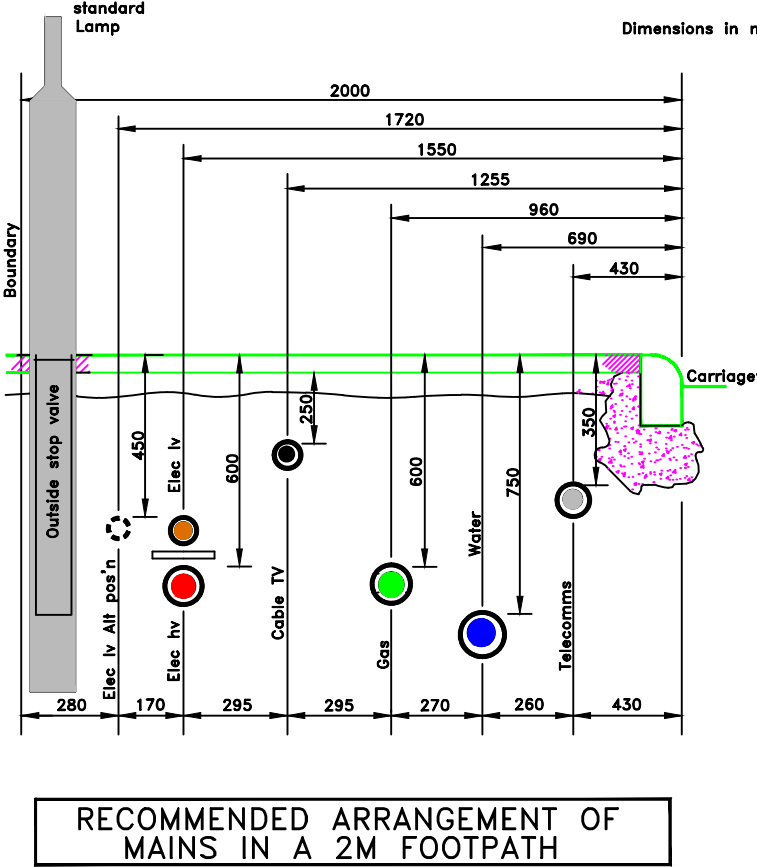


KEY

PROPOSED ELECTRIC SERVICES	---
PROPOSED LV	---
PROPOSED ENW LV	---
PROPOSED 6.6kV HV	---
EXISTING LV UNDERGROUND	---
EXISTING ENW LV UNDERGROUND	---
EXISTING HV UNDERGROUND	---
EXISTING LV OVERHEAD	---
EXISTING HV OVERHEAD	---
EXISTING EHV OVERHEAD	---
PROPOSED DISCONNECTED	---
POT END	P.E.
STRAIGHT JOINT	S.J.
BREECH JOINT	B.J.

To be installed by developer

ROAD CROSSING DUCTS	---
EXTERNAL METER BOXES	---



✓

DESIGN
APPROVED BY
energetics

✓

DESIGN
APPROVED BY
E.N.W

F			
E			
D			
C			
B	Notes added	JM/KM	26.10.12
A	Preliminary Design.	SH/KM	31.08.12
Rev	Revision Details	Alt/Req	Date
energetics NETWORKED ENERGY International House Stanley Boulevard Hamilton International Technology Park High Blantyre G72 0BN Tel:01698 404940 Fax:01698 404940 Email: info@energetics-uk.com			
Project	4569: Deansgate Manchester		
Centre OS NGR	383532 / 398082		
Drawing title	Proposed Electric Layout Drawing		
Client	Utility Connections		
Drawing Number: 4569_200_RevB			
Drawn by: S. Haver		Checked by: K. McPhillie	
Date Drawn: 31.08.12		Date Approved: 05.11.2012	
Scale: 1:250		Sheet Size: A1	

Shenoy, Ashvin

From: Plant Enquiries <plantenquiries@energetics-uk.com>
Sent: 08 December 2015 22:08
To: Statutory Enquiries
Subject: RE: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

Based on the information you have provided, Energetics may have plant close to the area(s) you have specified.

Your enquiry has now been passed to our cad department for confirmation. If Energetics does have apparatus in the area specified, we will provide the drawings to you.

Please note you may be contacted regarding any additional information required to process this request.

Once again I would like to thank you for submitting your plant enquiry to Energetics.

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

Regards

Louise O'Raw

Technical Clerical Team

Energetics Design & Build

International House

Stanley Boulevard

Hamilton International Technology Park

Glasgow

G72 0BN

t: 01698 404977

f: 01698 404940

e: louise.oraw@energetics-uk.com

w: www.energetics-uk.com

From: Kulkarni, Pragathi [mailto:Pragathi.Kulkarni@atkinsglobal.com] **On Behalf Of** Statutory Enquiries

Sent: 27 November 2015 12:29

To: National Plant Enquiry's; 'Environment agn'; 'Interoute'; 'McNic'; 'Global Crossing New'; 'Networkrail'; 'verizonbusiness'; Plant Enquiries; 'plantenquiries@catelecomuk.com'; nrswa@sky.uk; mbnplantenquiries@turntown.com; Contact@manchester.gov.uk; karen.whittaker@amey.co.uk; medic@manchester.gov.uk; delivery@arqiva.com; gmutc@tfgm.com

Subject: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester

To whom it may concern,

Please reply to this Email id: - AtkinsStatutory.Enquiries@atkinsglobal.com



CIVILS AND CABLING INSTALLATION SPECIALIST

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

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

07 December 2015

Dear Sir/Madam,



Your Ref: 42466/PK - between Atkinson Street and Hardman Street, Manchester
Our Ref: E12-15-0588

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

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

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

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

Audrey Elliot
Plant Enquiries Administrator

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

E mail: - plantenquiries@instalcom.co.uk
Phone: - 020 8731 4600
Fax: - 020 8731 4601
www.instalcom.co.uk



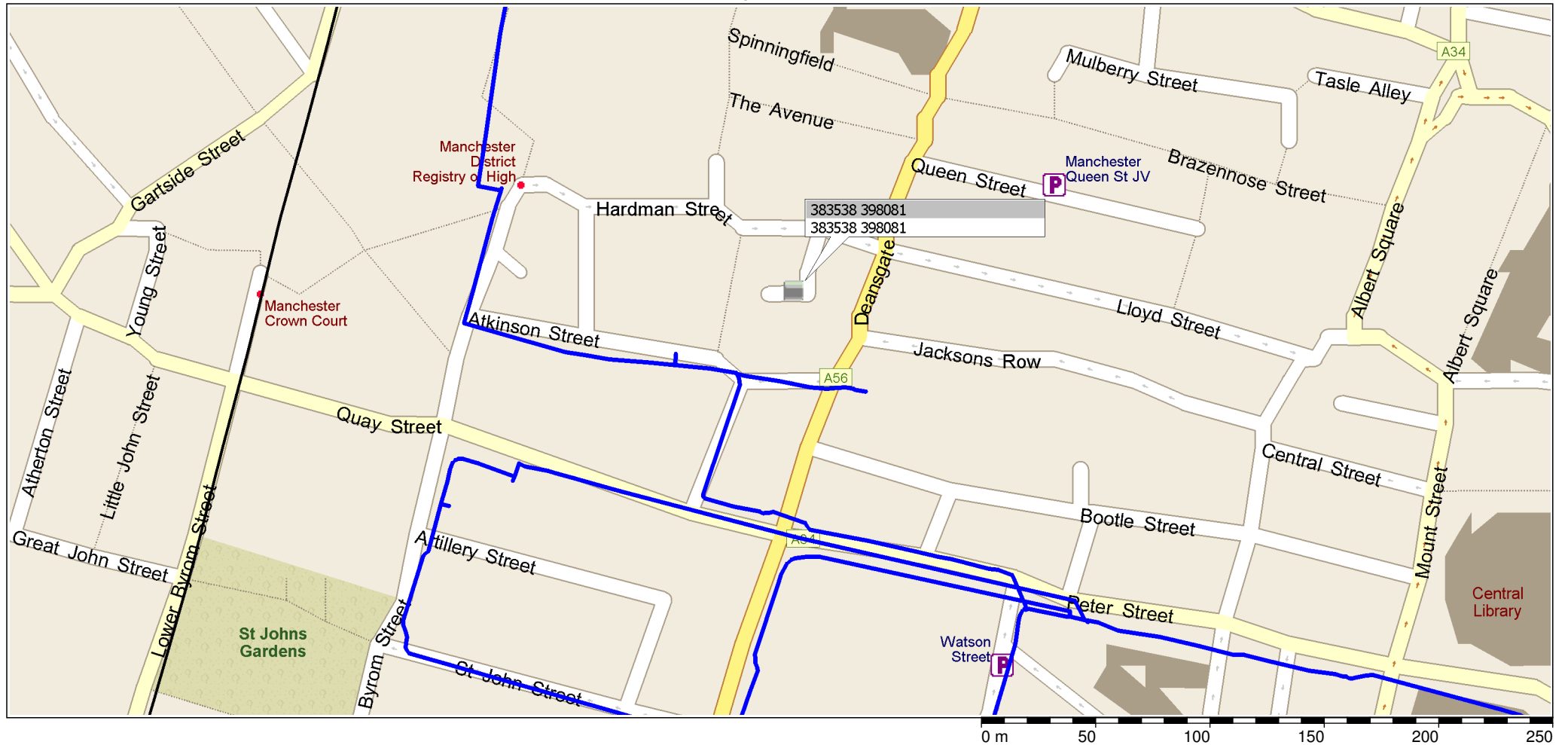
Certificate Number 7604
ISO 9001
ISO 14001
OHSAS 18001

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



Part of OCU Group

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



SPECIAL REQUIREMENTS IN RELATION TO LEVEL 3 PLANT

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

Instalcom Limited
Borehamwood Industrial Park
Rowley Lane
Borehamwood
Hertfordshire
WD6 5PZ
Tel: 0208 731 4600
Fax: 0208 731 4601
E-mail: plantenquiries@instalcom.co.uk
3. Where such details show that the works or the movement of plant or equipment may endanger the Apparatus of the Company the Contractor must give the Company Representative at least 7 days written notice of the date on which it is intended to commence such works of the movement of plant and equipment in order that the presence of any sub-surface apparatus can be indicated by markers to be supplied by the Company and placed by the Contractor under the supervision of a Company Representative. The Contractor shall ensure that all Company Apparatus, particularly surface running cabling is adequately protected from damage and such protective measures shall be approved by the Company Representative.
4. In the event of a Company marker being disturbed for any reason, it shall not be replaced other than in the exact position of its former depth unless the repositioning is carried out at the direction and under the supervision of a Company Representative.
5. The Contractor shall take particular care in relation to the protection of Company Apparatus, where such Apparatus includes the presence within the site of optical fibre cabling. The contractor should particularly note that the damage to such Apparatus is extremely disruptive to the Company network and costly to reinstate. The Contractor shall make every effort to avoid the disturbance of Company Apparatus more than is absolutely necessary for the completion of the works in accordance with the contract.

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

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

These minimum depths of cover should be maintained wherever possible.

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

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

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

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

- Excavation is deeper than the depth of cover of adjacent Company Apparatus.
- Excavation is within 1.0m of Company Apparatus in stable ground.
- Excavation is within 5.0m of Company Apparatus in unstable ground.

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

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

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

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

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

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

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

Telephone:-

0208 731 4600

Mon-Fri Office Hours (Instalcom Head Office)

0208 510 3111/3101

Out of Office Hours (24Hr Level 3 Network Operations Centre)

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

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

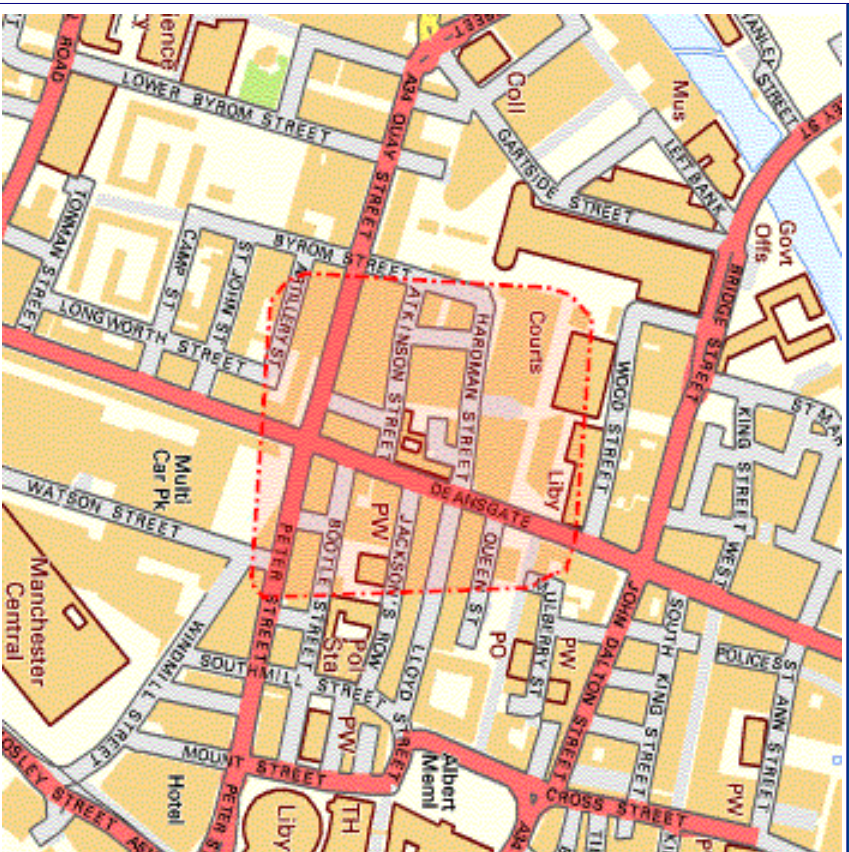
Damage to Communications Plant is Expensive – Please Take Care.

Enquirer			
Name	Ms Christina Elliott	Phone	01454 662397
Company	Atkins	Mobile	Not Supplied
		Fax	Not Supplied
Address	500 Park Avenue Aztec West Almondsbury Bristol BS32 4RZ		
Email	stat.enquiries@atkinsglobal.com		
Notes	Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.		

Enquiry Details			
Scheme/Reference	42466/PK	Work category	Utility Works
Enquiry type	Initial Enquiry	Work type	Single excavation site
Start date	07/12/2015	Site size	68529 metres square
End date	07/03/2016	Work type buffer*	25 metres
Searched location	XY= 383538, 398081 Easting/Northing		
Confirmed location	383530 398076		

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

Site Map



Enquiry Confirmation

LSBUD Ref: 7728401

Date of enquiry: 27/11/2015
Time of enquiry: 12:14

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
Gamma	01618703384	08452416000	Await response

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

List of not affected LSBUD members			
AWE Pipeline	FibreSpeed Limited	Perenco UK Limited (Purbeck Southampton Pipeline)	
BOC Limited (A Member of the Linde Group)	Humby Grove Energy	Petroleons	
BP Midstream Pipelines	HV Cables	Phillips 66	
BPA	IGas Energy	Premier Transmission Ltd (SNIP)	
Carrington Gas Pipeline	Ineos Enterprises Limited	Redundant Pipelines - LPDA	
Centrica Energy	INEOS Manufacturing (Scotland and TSEP)	RWEnpower (Little Barford and South Haven)	
Centrica Storage Ltd	Lark Energy	SABIC UK Petrochemicals	
CLH Pipeline System Ltd	Lightsource SPV Limited	Scottish Power Generation	
ConocoPhillips (UK) Ltd	Mairline Pipelines Limited	Seabank Power Ltd	
Coryton Energy Co Ltd (Gas Pipeline)	Manchester Jetline Limited	Shell Pipelines	
CSP Fibre c/o Centara	Manx Cable Company	Total (Finaline, Colnbrook & Colwick Pipelines)	
EirGrid	Marchwood Power Ltd (Gas Pipeline)	Transmission Capital	
E-on UK Plc (Gas Pipelines Only)	National Grid Gas (above2 bar) and National Grid Electricity Transmission	Vattenfall	
ESP Utilities Group	Northumbrian Water Group	Western Power Distribution	
ESSAR	NPower CHP Pipelines	Wingas Storage UK Ltd	
Esso Petroleum Company Limited	Okos Storage Limited	Zayo Group UK Ltd c/o JSM Group Ltd	

Shenoy, Ashvin

From: Armstrong, Nicola <Nicola.Armstrong@amey.co.uk>
Sent: 27 November 2015 18:05
To: Statutory Enquiries
Cc: Whittaker, Karen
Subject: FW: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester
Attachments: 42466- Map.pdf; ATKINSON STREET.docx

Please find attached the maps showing street lights.

Regards

Nicola Armstrong
Administrator, Government
Amey



t: 0161 277 6787 e: Nicola.armstrong@amey.co.uk
Factory Lane, Harpurhey, Manchester, M98AB



From: Whittaker, Karen
Sent: 27 November 2015 12:29
To: Armstrong, Nicola
Subject: FW: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester

From: Kulkarni, Pragathi on behalf of Statutory Enquiries[SMTP:ATKINSSTATUTORY.ENQUIRIES@ATKINSGLOBAL.COM]
Sent: Friday, November 27, 2015 12:28:59 PM
To: National Plant Enquiry's; 'Environment agn'; 'Interoute'; 'McNlc'; 'Global Crossing New'; 'Networkrail'; 'verizonbusiness'; 'plantenquiries@energetics-uk.com'; 'plantenquiries@catelecomuk.com'; 'nswa@sky.uk'; 'mbnlplantenquiries@turntown.com'; Contact@manchester.gov.uk; Whittaker, Karen; medc@manchester.gov.uk; delivery@arqiva.com; amutc@ttqm.com
Subject: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester
Auto forwarded by a Rule

To whom it may concern,

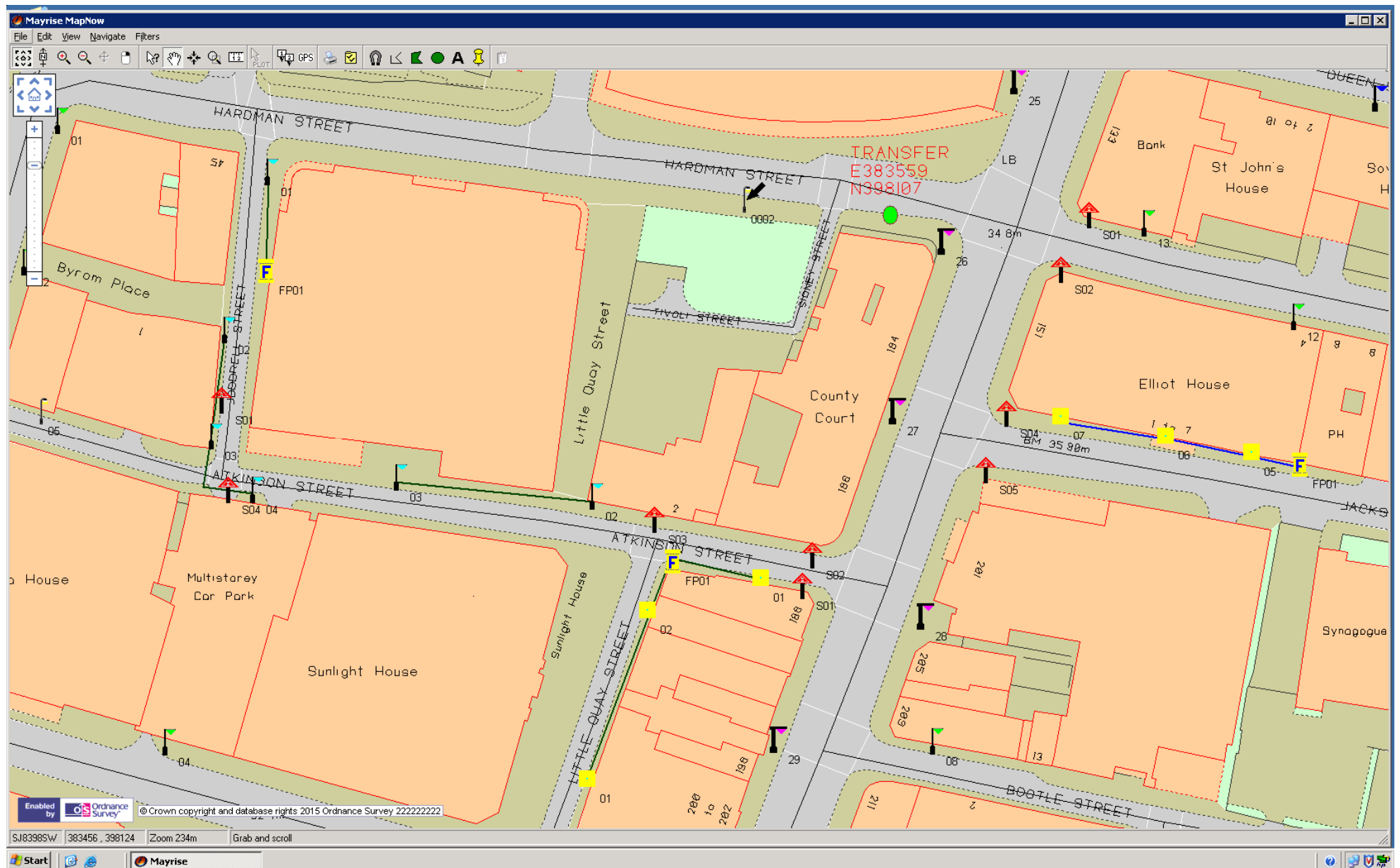
Please reply to this Email id: - AtkinsStatutory.Enquiries@atkinsglobal.com;

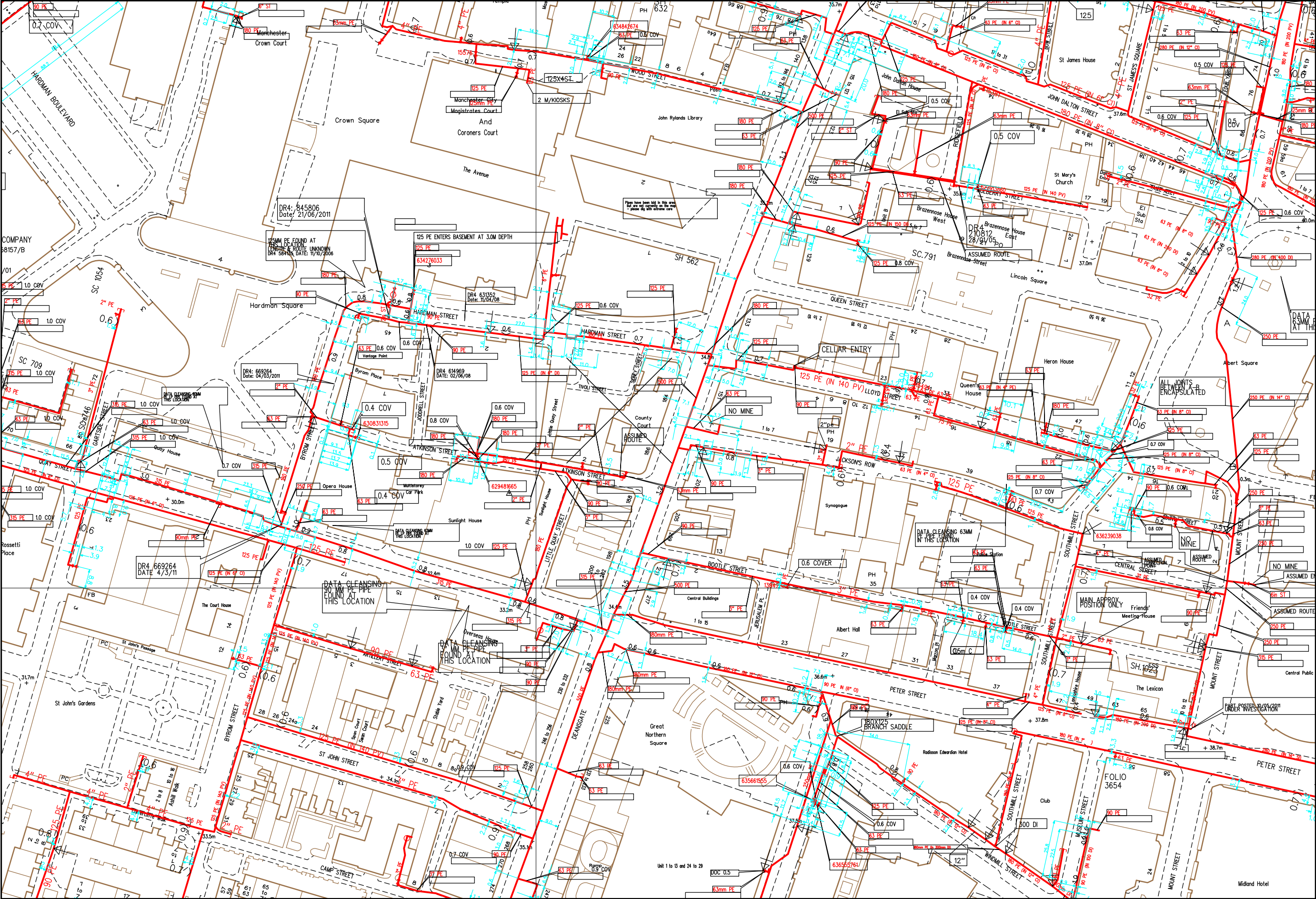
McNicholas - Please reply for KPN & TATA

[42466/PK - Site between Atkinson Street and Hardman Street, Manchester - 383538,398081 - M3 3HH](#)

[Works Description- Building Works – High Rise](#)

[Reply required by date - 7/12/15](#)





ATKINS CHECKED
ASH

SCALE: Not to scale

USER ID: kulk6145

DATE: 27/11/2015

EXTRACT DATE: 24/09/2015

MAP REF: SJ8398

CENTRE: 383556, 398063

LP MAINS

MP MAINS

IP MAINS

LHP MAINS

NHP MAINS

Valve

Depth of Cover

Syphon

Diameter Change

Material Change

This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Gas plc or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.

MAPS Viewer Version 5.6.7.0

Local Machine

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

Our Ref: Ref shown on map

email: DBYD@openreach.co.uk
Phone: 0800 023 2023. Option 5

Date of issue shown on map



Dear Customer,

NR & SW ACT 1991 – PROPOSED WORKS AT:

Prior to commencement of work: for free onsite guidance and accurate up to date location of BT plant please contact our Plant Protection Service by the following methods
Email Dial before you dig DBYD@openreach.co.uk
Visit the website www.dialbeforeyoudig.com

Thank you for your request of describing the above proposals.

Enclosed are copies of our drawing marked up to show the approximate locations of BT apparatus which is present in the immediate vicinity of your works. It is intended for general guidance only. No guarantee is given of its accuracy.

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

To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of British Telecommunications plc plant. If scaffolding is erected, please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by the scaffolding.

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

Please ensure you quote our reference on any future correspondence.

Yours faithfully,

[illegible]

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.

FOR PROFESSIONAL ON SITE ASSISTANCE PRIOR
TO COMMENCEMENT OF EXCAVATION WORKS

(Office hours: Monday-Friday 08.00 to 17.00)

E-mail: dbyd@openreach.co.uk
Website: www.dialbeforeyoudig.com

Reproduced from the Ordnance Survey map by BT
by permission of Ordnance Survey on behalf of the
Controller of Her Majesty's Stationary Office

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	UNDERGROUND PLANT		POLE
	OVERHEAD PLANT		CABINET
	JOINT BOX		BURIED JOINT
	DISTRIBUTION POINT		JOINTING POST
	MANHOLE		PROPOSED U/G
	DP BOUNDARY		PROPOSED O/H
	OTHER BT BOUNDARY		PROPOSED BOX

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

openreach

a BT Group business



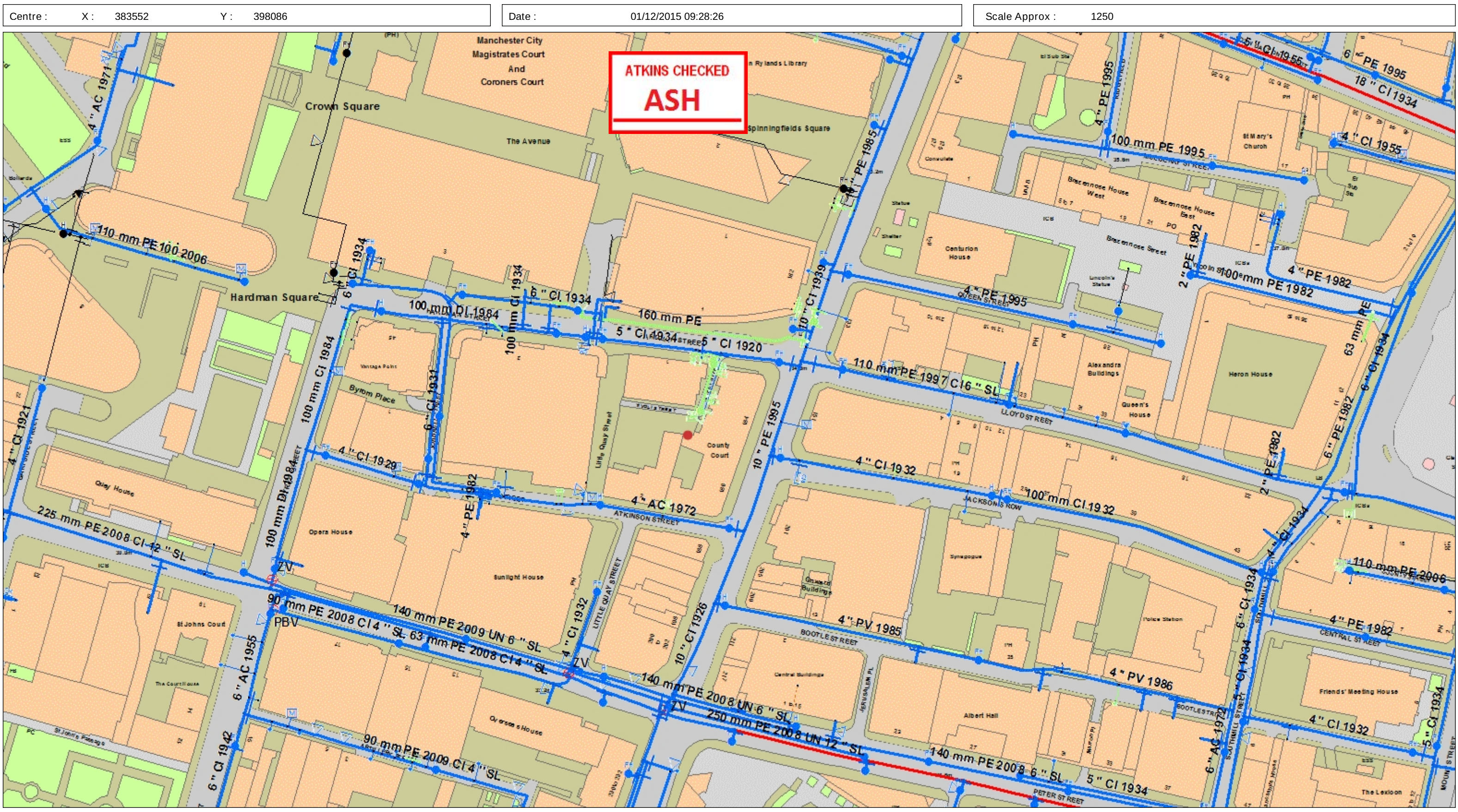
Map Reference : (centre) SJ8353898081
 Easting/Northing : (centre) 383538,398

Issued : 01/12/2015 10:01:08

FOOTNOTE: WARNING IT IS ESSENTIAL THAT YOU CONTACT NATIONAL NETWORK HANDLING CENTRE BY EMAIL

nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN THE HATCHED AREA

UU Maps for Safe Dig



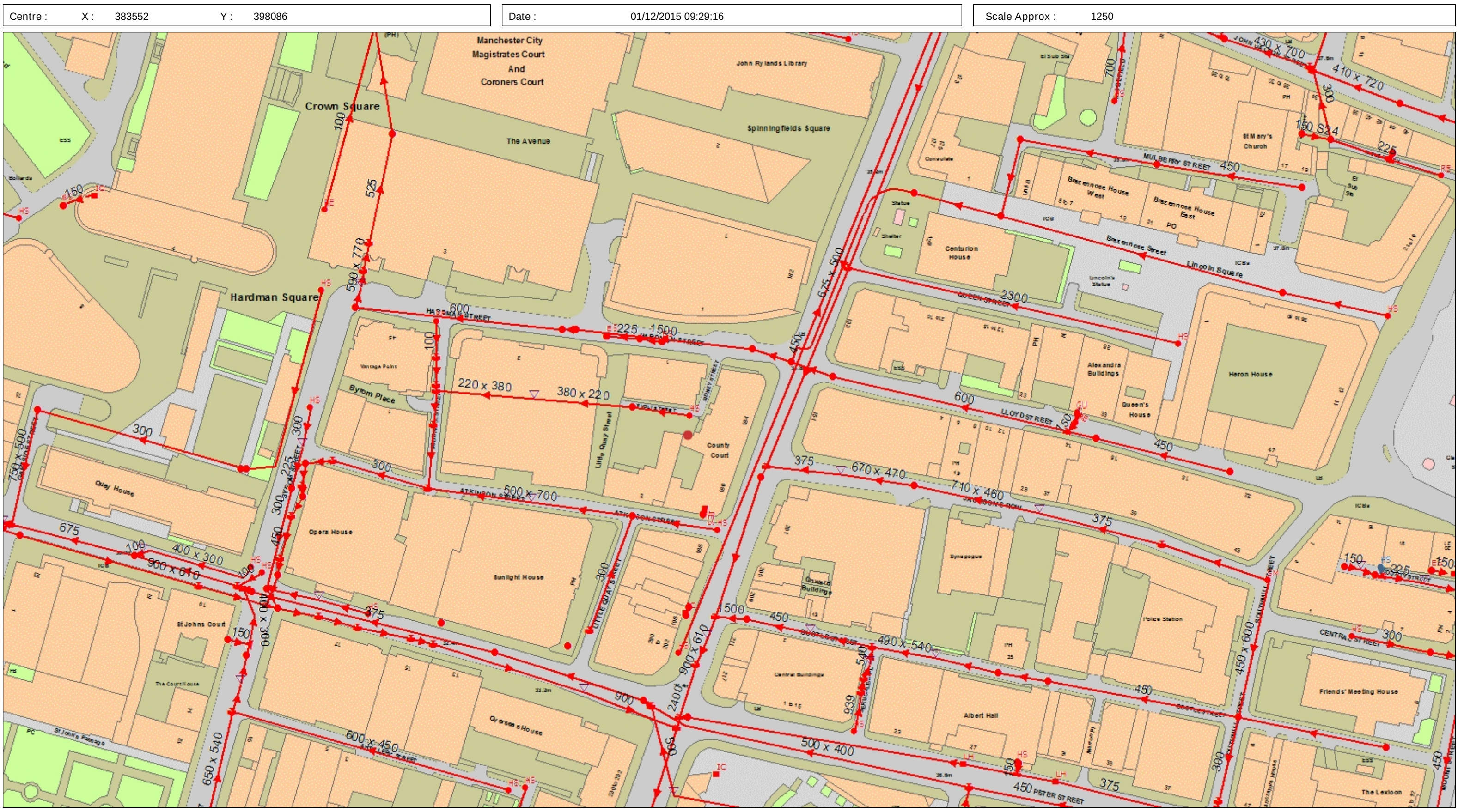
Extract from maps of United Utilities' Underground Assets

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan and private service pipes may be shown by a blue broken line. United Utilities Water will not accept liability for any damage caused by the actual position being different from those shown.

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UU Maps for Safe Dig



Extract from maps of United Utilities' Underground Assets

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan and private service pipes may be shown by a blue broken line. United Utilities Water will not accept liability for any damage caused by the actual position being different from those shown.

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UNITED UTILITIES PLC

Wastewater Legend

Foul	Surface	Combined	Overflow	
				Mainsewer, Public
				Mainsewer, Private
				Mainsewer, S104
				Rising Main, Public
				Rising Main, Private
				Rising Main, S104
				Highway Drain, Private

Abandoned Wastewater

	MainSewer
	Rising Main
	Highway Drain

Clean Water Legend

Live	Proposed	
		Distribution Main
		Trunk Main
		Raw Water Aqueduct
		LDTM Raw Water Distribution
		LDTM Treated Water Distribution

Abandoned Clean Water

	Distribution Main
	Trunk Main
	Pressurised Raw Water Aqueduct
	Gravely Raw Water Aqueduct
	Pressurised LDTM Raw Water Distribution
	Pressurised LDTM Treated Water Distribution
	Gravely LDTM Raw Water Distribution
	Gravely LDTM Treated Water Distribution
	Private Pipe



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

Tel: 0870 888 3116 Opt 2

ATKINS

The Hub, 500 Park Avenue,
Aztec West,
Almondsbury,
Bristol,
BS32 4RZ



Plant Enquiry Ref:	VM.135738
Letter Date	15.12.2015
Your Ref:	<u>42466/PK</u>
Date:	21.12.2015

Dear Sir/Madam,

Enquiry Location: Site between Atkinson Street and Hardman Street, Manchester -
383538,398081 - M3 3HH

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

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

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

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

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

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

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

Yours faithfully

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

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



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Date: 21/12/15

Scale: 1:2496

Map Centre: 383538,398081

Data updated: 01/11/15

Telecoms Plan A4

Important information - please read ->
 The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the 'Affected Postcodes.pdf', which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2015 Ordnance Survey 100019209.

Duct, Trench



Chamber



Cabinet



anilyere.kumar@virginmedia.co.uk

VM.135738



Shenoy, Ashvin

From: Khandke, Harshita
Sent: 30 November 2015 11:17
To: Statutory Enquiries
Subject: RE: PLANT ENQUIRY : 42466/PK - Site between Atkinson Street and Hardman Street, Manchester
Attachments: Atkinson Street-2.pdf; Atkinson Street-1.pdf; Data Key + Special Requirements.pdf

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

Please see attached network information.

IMPORTANT - PLEASE READ = Your Next Step??

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

Kind regards

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



ATKINS working on behalf of Vodafone: Fixed



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

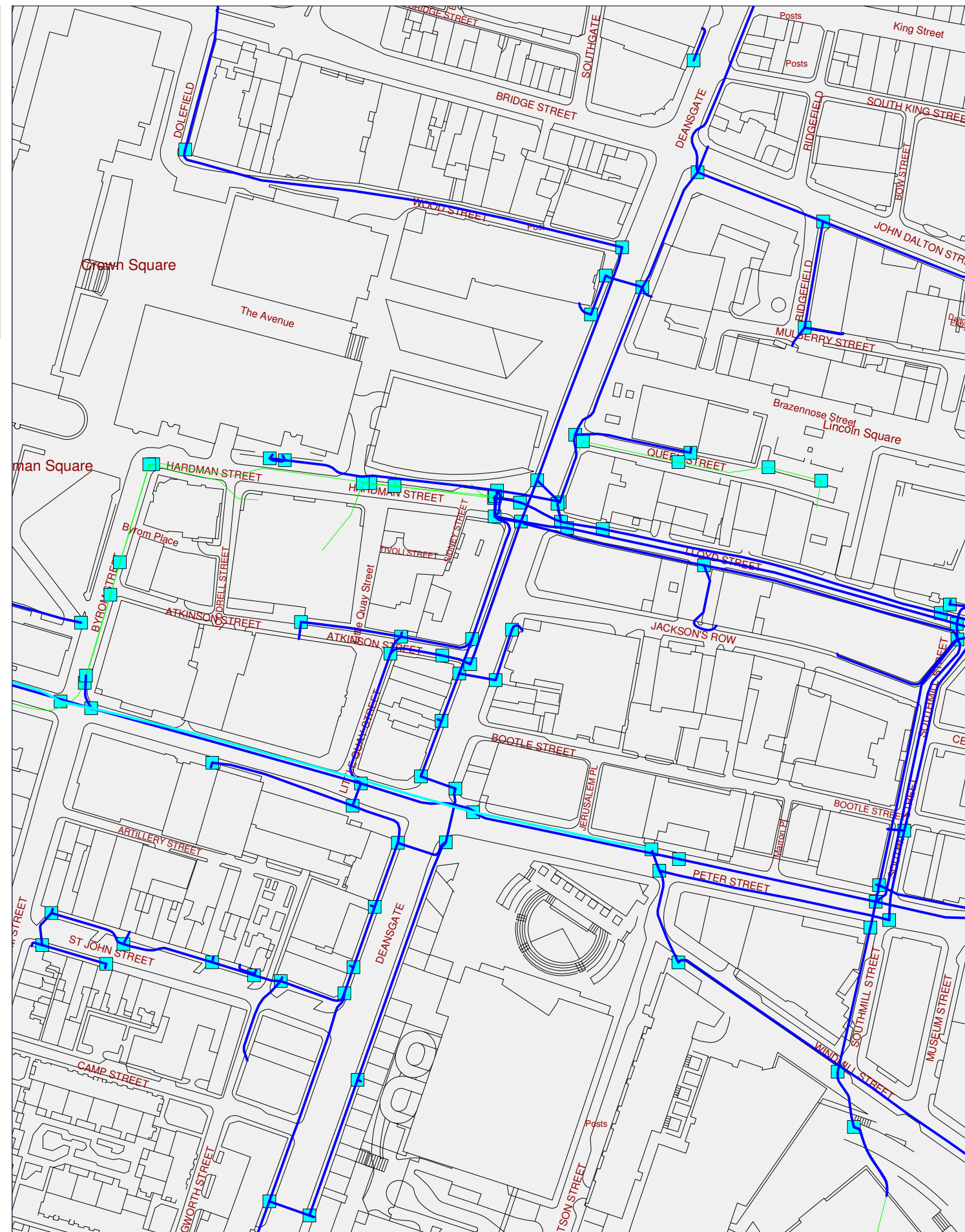
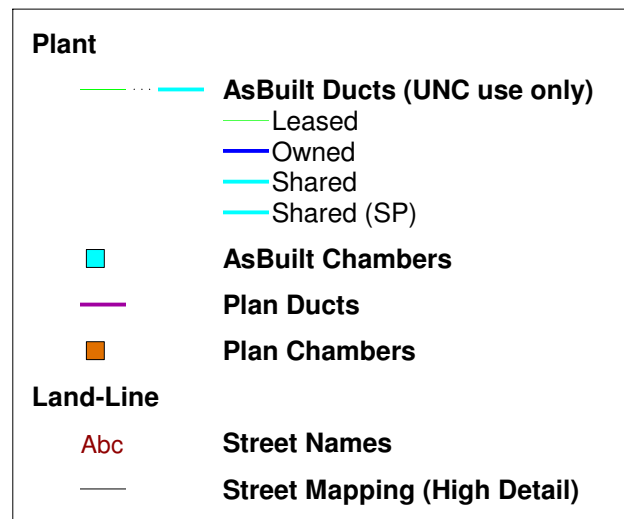
PLEASE NOTE: The information given is indicative only. No warranty is made as to its accuracy. This information must not be solely relied upon in the event of excavation or other works carried out in the vicinity of Vodafone plant. No liability of any kind whatsoever is accepted by Vodafone, its servants,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



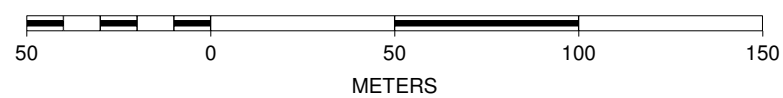
Please consider the environment before printing this e-mail.

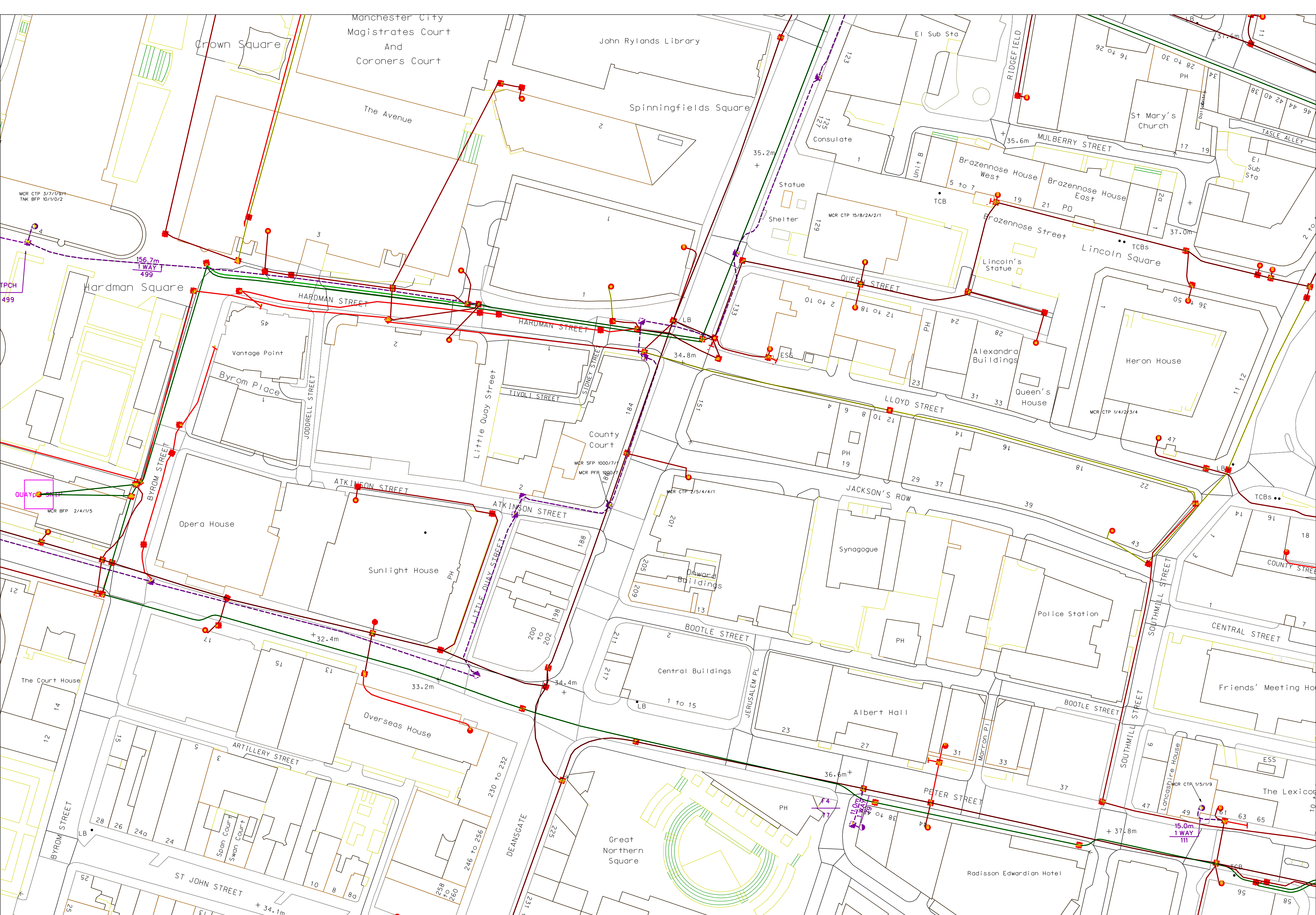
From: Kulkarni, Pragathi **On Behalf Of** Statutory Enquiries
Sent: 27 November 2015 17:59
To: National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>; 'Environment agn' <enquiries@environment-agency.gov.uk>; 'Interoute' <interoute.enquiries@planacast.co.uk>; 'McNic' <plantenquiries@mcnicholas.co.uk>; 'Global Crossing New' <PlantEnquiries@instalcom.co.uk>; 'Networkrail' <OPBuriedServicesEnquiries@networkrail.co.uk>; 'verizonbusiness' <osp-team@uk.verizonbusiness.com>; 'plantenquiries@energetics-uk.com' <plantenquiries@energetics-uk.com>; 'plantenquiries@catelecomuk.com' <plantenquiries@catelecomuk.com>; 'nrswa@sky.uk; mbn|plantenquiries@turntown.com;

Map1



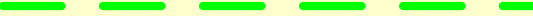
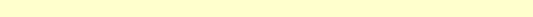
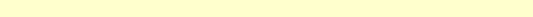
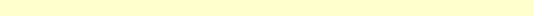
SCALE 1 : 2,053







Vodafone Network Colour:

	Ex-Cable&Wireless UK Network (now Vodafone)
	Planned & Approved Route
	Planned Route – Awaiting Approval
	Other Licensed Operator (OLO)
	Ex-Thus Network (now Vodafone)
	Ex-Energis Network (now Vodafone)
	OLO

Other:

	Overhead Electricity Line (non Vodafone)
	Network Rail

Other Licensed Operator (OLO).

= Ex-Cable&Wireless UK, Energis and Thus fibre-optic cable within an OLO duct. Please contact all other operators for further details of their apparatus within that area.

Fibre Services

Special Requirements relating to the External Plant Network of Vodafone

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1. Introduction

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

2. Purpose of document

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



3. Scope

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

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

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

4. Vodafone Network and Apparatus

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

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

5. Plant records

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

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

6. Definitions

The following definitions are applicable in this document:

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



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

7. Requirements

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

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

7.1 Location of Plant

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

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

7.2 Trial excavations

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

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

8. Depths of cover

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

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

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

9. Separation

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



Fibre Services

Special Requirements relating to the External Plant Network of Vodafone

9.1 High voltage cables

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

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

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

9.2 Low voltage cables

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

9.3 Ancillary electrical apparatus

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

9.4 High pressure gas mains and other Undertakers plant/equipment

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

9.5 Other Undertakers plant

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

9.6 Tramways

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



10. Jointing chambers

10.1 Protection

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

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

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

10.2 Access

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

11. Notification periods

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

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

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

12. Excavation and backfill

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

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

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

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

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



13. Foam concrete

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

14. Attendance of Company Representative

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

15. Damage reports

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

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

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



Appendix A - office address details

Glasgow Office

Vodafone
Pavilion 1
1 - 2 Berkeley Square
99 Berkeley Street
Glasgow
G3 7HR

Bristol Office

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

Manchester Office

Vodafone
Unit M
Atlas Business Park
Wythenshawe
Manchester
M22 5RR



Appendix B – Street Works Team Contacts for Vodafone

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



16. About this Document

Content Owner

Price, David J

Changes since last version

Reformatted using the current Vodafone template.

End of Document



