Where sufficient depth of cover exists, following evidence from hand dug trial holes, light tracked vehicles may be permitted to strip topsoil to a depth of 0.25 metres, using a toothless bucket.

No topsoil or other materials should be stored within the easement without the written permission of Northern Gas Networks.

No topsoil or materials shall be stored over the pipeline.

No fires shall be allowed in the easement strip or close to above ground gas installations.

After the completion of the work the level of cover over the pipeline should be the same as that prior to work commencing unless agreed otherwise with the Northern Gas Networks responsible person.

No new service shall be laid parallel to the pipeline within the easement. In special circumstances, and only with formal written agreement from Northern Gas Networks, this may be relaxed for short excursions where the service shall be laid no closer than 0.6 metres to the side of the pipeline.

Where work is being carried out parallel to the pipeline within or just alongside the easement a post and wire fence must be erected as a protective barrier between the works and the pipeline.

6.2 In Proximity to a Pipeline in the Highway

Removal of the bituminous or concrete highway surface layer by mechanical means is permitted to depth of 0.3 metres, although the use of chain trenchers to do this shall not be permitted within 3 metres of the pipeline. The Northern Gas Networks responsible person may want to monitor this work.

Where the bituminous or concrete highway surface layer extends below 0.3 metres deep it should only be removed by handheld power assisted tools under the supervision of the Northern Gas Networks responsible person. In exceptional circumstances, and following a risk assessment, these conditions may be relaxed by the Northern Gas Networks responsible person.

Third parties may excavate, unsupervised, with a powered mechanical excavator no closer than 3 metres to the located Northern Gas Networks pipeline and with hand held power tools no closer than 1.5 metres. Any fitting or attachment must be exposed by hand.

In special circumstances consideration may be given to a relaxation of these rules by agreement with the Northern Gas Networks responsible person on site and only whilst he remains on site.

The use of 'No dig' techniques is covered in Section 8.1.

Any new service running parallel to the pipeline should be laid no closer than 0.6 metres to the side of the pipeline (see Section 6.4).

6.3 Crossing Over a Pipeline

Where a new service is to cross over the pipeline a clearance distance of 0.6 metres between the crown of the pipeline and underside of the service must be maintained. If this cannot be achieved the service must cross below the pipeline with a clearance distance of 0.6 metres.

In special circumstances this distance may be reduced at the discretion of the Northern Gas Networks responsible person on site.

6.4 Crossing Below a Pipeline

Where a service is to cross below the pipeline a clearance distance of 0.6 metres between the crown of the service and underside of the pipeline must be maintained.

The exposed pipeline should be suitably supported. Where lengths of pipeline greater than 5 metres are to be exposed and unsupported the Northern Gas Networks responsible person shall be consulted and a stress analysis shall be required in order to establish support requirements. The stress analysis should be carried out by individuals with demonstrated expertise in this area, Northern Gas Networks can be consulted for advice on suitable specialists. Northern Gas Networks may request a copy of the stress analysis to confirm its adequacy. Such supports must be removed prior to backfilling.

The exposed pipeline must be protected by matting and suitable timber cladding.

6.5 Cathodic Protection

Cathodic Protection is applied to all of Northern Gas Networks' above 7 bar gauge buried steel pipelines and is a method of protecting pipelines with damaged coatings from corrosion by maintaining an electrical potential difference between the pipeline and anodes placed at strategic points along the pipeline.

Where a new service is to be laid and similarly protected, Northern Gas Networks will undertake interference tests to determine whether the new service is interfering with the cathodic protection of the Northern Gas Networks pipeline.

Should any cathodic protection posts or associated apparatus need moving to facilitate third party works reasonable notice, typically 7 working days, shall be given to Northern Gas Networks. Northern Gas Networks will undertake this work and any associated costs will be borne by the third party.

7. Construction Traffic

Where existing roads cannot be used construction traffic shall **ONLY** cross the pipeline at previously agreed locations. All crossing points will be fenced on both sides with a post and wire fence and with the fence returned along the easement for a distance of 6 metres. The pipeline shall be protected at the crossing points by temporary rafts of either sleeper or reinforced concrete construction, constructed at ground level. The Northern Gas Networks responsible person will review ground conditions, vehicle types and crossing frequencies to determine the type and construction of the raft required.

8. Specific Activities

This section details the precautions that need to be taken when carrying out certain prescribed activities in the vicinity of the pipeline. Consult Northern Gas Networks if you are intending to undertake one of the listed prescribed activities and/or you require further advice on whether the work that you are intending to undertake has the potential to affect the pipeline.

8.1 No-Dig Techniques

Where the contractor intends using no dig techniques then a formal method statement must be produced for all work that would encroach (either above or below ground) within the pipeline easement. This method statement must be formally agreed with Northern Gas Networks prior to the commencement of the work. Northern Gas Networks may wish to be present when the work is being carried out and must therefore be given adequate advance notice before the commencement of the work.

8.2 Increase in Cover

A pipeline integrity assessment must be provided for situations involving a final cover depth exceeding 2.5 metres. This assessment should take due account of both soil 'dead' loading and ground settlement due to earthworks. Embankment design and construction over pipelines must give consideration to prevention of any instability. Expert advice may need to be sought which can be arranged through Northern Gas Networks.

8.3 Piling

No piling will be allowed within 15 metres of a pipeline without an assessment of the vibration levels at the pipeline. The peak particle velocity at the pipeline should be limited to a maximum level of 75 mm/sec. Where the peak particle velocity is predicted to exceed 50 mm/sec, the ground vibration shall be monitored by the contractor and the results available to the Northern Gas Networks responsible person at their request. A typical monitoring device would be the Vibrock V801 seismograph and tri-axial geophone sensor.

Where ground conditions are of submerged granular deposits of silt and sand, an assessment of the effect of vibration on settlement and liquefaction at the pipeline shall be made.

Expert advice may need to be sought which can be arranged through Northern Gas Networks.

8.4 Demolition

No demolition is allowed within 150 metres of a pipeline without an assessment of the vibration levels at the pipeline. The peak particle velocity at the pipeline must be limited to a maximum level of 75 mm/sec. Where the peak particle velocity is predicted to exceed 50 mm/sec, the ground vibration shall be monitored by the contractor and the results available to the Northern Gas Networks responsible person at their request.

Where ground conditions are submerged granular deposits of silt or sand, an assessment of the effect of vibration on settlement and liquefaction at the pipeline shall be made.

Expert advice may need to be sought which can be arranged through Northern Gas Networks.

8.5 Blasting

No blasting is allowed within 250 metres of a pipeline without an assessment of the vibration levels at the pipeline. The peak particle velocity at the pipeline must be limited to a maximum level of 75 mm/sec. Where the peak particle velocity is predicted to exceed 50 mm/sec, the ground vibration must be monitored by the contractor and the results available to the Northern Gas Networks responsible person at their request.

Where ground conditions are of submerged granular deposits of silt or sand, an assessment of the effect of vibration on settlement and liquefaction at the pipeline shall be made.

Expert advice may need to be sought which can be arranged through Northern Gas Networks.

8.6 Surface Mineral Extraction

An assessment must be carried out on the effect of surface mineral extraction activity within 100 metres of a pipeline. Consideration should also be given to extraction around groundbeds and other pipeline associated plant and equipment.

Where the mineral extraction extends up to the pipeline easement, a stable slope angle and stand-off distance between the pipeline and slope crest must be determined by Northern Gas Networks. The easement strip should be clearly marked by a suitable permanent boundary such as a post and wire fence, and where appropriate, slope indicator markers shall be erected to facilitate the verification of the recommended slope angle as the slope is formed, by the contractor. The pipeline easement and slope needs to be inspected periodically to identify any signs of developing instability. This may include any change of slope profile including bulging, the development of tension cracks on the slope or easement, or any changes in drainage around the slope. The results of each inspection should be recorded.

Where surface mineral extraction activities are planned within 100 metres of the pipeline but do not extend up to the pipeline easement boundary, an assessment, by Northern Gas Networks must be made on whether the planned activity could promote instability in the vicinity of the pipeline. This may occur where the pipeline is routed across a natural slope or the excavation is deep. A significant cause of this problem is where the groundwater profile is affected by changes in drainage or the development of lagoons.

Where the extraction technique involves explosives the provisions of section 8.5 apply.

8.7 Deep Mining

Pipelines routed within 1 km of active deep mining may be affected by subsidence resulting from mineral extraction. The determination of protective or remedial measures will normally require expert assistance, which can be arranged through Northern Gas Networks.

8.8 Landfilling

The creation of slopes outside of the pipeline easements may promote instability within the vicinity of the pipeline. An assessment shall therefore be carried out, by Northern Gas Networks on the effect of any landfilling activity within 100 metres of a pipeline. The assessment is particularly important if landfilling operations are taking place on a slope in which the pipeline is routed.

8.9 Pressure Testing

Hydraulic pressure testing will not be permitted within 8 metres of the pipeline unless suitable precautions have been taken against the effects of a burst. These precautions should include limiting of the design factor to 0.3 for the third party pipeline for a distance of 6 metres either side of the Northern Gas Networks pipeline, and the use of mill tested pipe or sleeving.

8.10 Seismic Surveys

Northern Gas Networks must be advised of any seismic surveying work in the vicinity of pipeline that will result in Northern Gas Networks' pipeline being subjected to peak particle velocities in excess of 50 mm/sec. The ground vibration near to the pipeline shall also be monitored by the contractor whilst the survey work is being carried out. Where the peak particle velocity is predicted to exceed 50 mm/sec, the ground vibration shall be monitored by the contractor and the results available to the Northern Gas Networks responsible person at their request.

8.11 Hot Work

The Northern Gas Networks responsible person on site will supervise all welding, burning or other 'hot work' that takes place within the easement.

9. Backfilling

Third parties must provide Northern Gas Networks with 48 hours notice, or shorter notice only if agreed with Northern Gas Networks, of the intent to backfill over, under or alongside the pipeline. This requirement should also apply to any backfilling operations alongside the pipeline within three metres of the pipeline. Any damage to the pipeline or coating shall be reported to the Northern Gas Networks responsible person in order that damage can be assessed and repairs can be carried out.

Minor damage to pipe coating and test leads shall be repaired by Northern Gas Networks free of charge.

No backfilling should be undertaken without Northern Gas Networks' agreement to proceed. The Northern Gas Networks responsible person will stipulate the necessary consolidation requirements.

If the pipeline has been backfilled without the knowledge of the Northern Gas Networks' responsible person then he will require the material to be re-excavated in order to enable the condition of the pipeline coating to be confirmed.

10. Action in the case of damage to the pipeline

If the Northern Gas Networks pipeline is damaged, even slightly, and even if no gas leak has occurred then the following precautions must be taken immediately:

- Shut down all plant and machinery and extinguish any potential sources of ignition.
- Evacuate all personnel from the vicinity of the pipeline.
- Notify Northern Gas Networks using the free 24 hour emergency telephone number 0800 111 999*
- Notify the Northern Gas Networks responsible person or his office immediately using the contact telephone number provided.
- Ensure no one approaches the pipeline.
- Do not try to stop any leaking gas.

11. References

NRSWA	New Roads & Street Works Act
HS(G)47	Avoiding Danger from Underground Services
IGE/SR/18	Safe Working Practices to Ensure the Integrity of Gas Pipelines and Associated Installations
CIS08	Safety in Excavations (HSE document)

12. Glossary of terms

Contractor	The person, firm or company with whom Northern Gas Networks enters into a contract to which this specification applies, including the contractor's personal representatives, successors and permitted assigns.
Deed of Servitude	In Scotland a 'Deed of Servitude' is considered equivalent to 'easement' in this document.
Easement	Easements are negotiated legal entitlements between Northern Gas Networks and landowner and allow Northern Gas Networks to lay, operate and maintain pipelines within the easement strip. Easement strips may vary in width typically between 6 and 25 metres depending on the diameter and pressure of the pipeline. Consult Northern Gas Networks for details of the extent of the easement strip where work is intended.
Liquefaction	Liquefaction is a phenomenon in which the strength and stiffness of the soil is reduced by earthquake shaking or other rapid loading. Liquefaction occurs in saturated soils, that is, soils in which the space between individual particles is completely filled with water. When liquefaction occurs, the strength of the soil decreases and the ability of the soil to support pipelines or other components is reduced.
Pearson survey	A survey used for locating coating defects on buried pipeline services.
Promoter of new works	The person or persons, firm, company or authority for whom new services, structures or other works in the vicinity of existing Northern Gas Networks pipelines and associated installations operating above 7 bar gauge are being undertaken.
Northern Gas Networks responsible person	The person or persons appointed by Northern Gas Networks with the competencies required to act as the Northern Gas Networks representative for the purpose of the managing the particular activity.
Wayleave	General term which is considered equivalent to 'easement' in this document.

APPENDIX A

SITE DOCUMENT CONTROL FORM – SAMPLE

Emergency Telephone No. **0800 111 999***

SITE DOCUMENT CONTROL FORM

Activity Reference:

Activity Location:

Site Manager: (name and telephone number)

Northern Gas Networks Contact: (name and telephone number)

The following documents were issued to

(individual's name) **of** (company name and address)

by (Northern Gas Networks representative) **on** (date)

Documents:

(List of documents)

Signed: (by the recipient)

Date of signature:

*All calls are recorded and may be monitored

SAMPLE

Emergency Telephone No. **0800 111 999***

SITE DOCUMENT CONTROL FORM

Activity Reference:
Activity Location:
Site Manager:
Northern Gas Networks Contact:
The following documents were issued to of by on
Documents:
Signed: Date of signature:

*All calls are recorded and may be monitored

Emergency Telephone Number for pipeline damage or gas escapes

0800 111 999*

Northern Gas Networks contact details:

*All calls are recorded and may be monitored

G2288

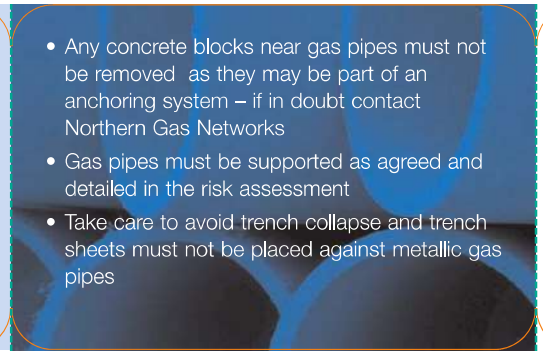
Standards Section
Northern Gas Networks Limited
Thorpe Park
1100 Century Way
Leeds
LS15 8TU

Designed and produced by NGT Communications on behalf of Network Strategy – UK Distribution G2288 (07/05).

TO OBTAIN ADVICE WHEN WORKING NEAR GAS PIPES, YOUR LOCAL CONTACT NUMBER IS
0845 634 0508 (option 6)
or fax 0191 2012384

GAS PIPE SAFETY

- You must have a site induction and read relevant risk assessments to prevent injury
- You must know where gas pipes are – if in doubt ask your supervisor
- Before digging, gas pipes must be located by hand dug trial holes
- Before using mechanical excavators always locate gas pipes by hand dug trial holes
- You must not use a mechanical excavator within 0.5 metres of a low /medium pressure gas pipe and within 3.0 m of an intermediate pressure gas pipe



- Any concrete blocks near gas pipes must not be removed as they may be part of an anchoring system – if in doubt contact Northern Gas Networks
- Gas pipes must be supported as agreed and detailed in the risk assessment
- Take care to avoid trench collapse and trench sheets must not be placed against metallic gas pipes
- To avoid injury use PPE as detailed in the risk assessment
- Report all damage, no matter how slight. A pipe pulled, but undamaged, may cause a leak in a building with an explosion and injury or loss of life

STOP – no work until a gas plan is available
LOOK – locate gas pipe first by hand excavation
LISTEN – to Northern Gas Networks instructions

If you cause a gas leak, or suspect a pipe or equipment is leaking, you must take the following actions immediately:

- Inform Northern Gas Networks immediately on 0800 111 999*.
- Get everyone away from the immediate vicinity of the escape.

SMELL GAS CALL FREE
0800 111 999*

- Do not attempt to stop the escape by filling the hole as gas may enter buildings.
- Ask occupants of buildings adjacent to the escape to leave until it has been established that it is safe for them to return.
- Damage to a service supplying a building may result in gas entering the building. Do not attempt to operate any valves.

SMELL GAS CALL FREE
0800 111 999*

- Prevent any approach to the immediate vicinity of the escape.
- Prohibit smoking and extinguish all naked flames or other sources of ignition for at least 15m from the leakage.
- Assist Northern Gas Networks, Police or Fire Services as requested.

**All calls are recorded and may be monitored*

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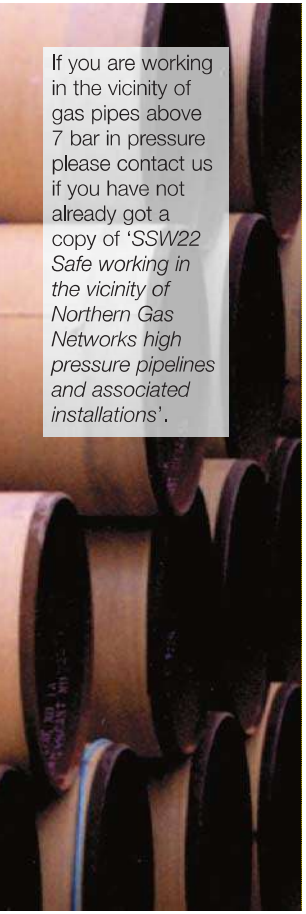
Avoiding injury when working near gas pipes

Northern Gas Networks



If you are working in the vicinity of gas pipes above 7 bar in pressure please contact us if you have not already got a copy of '*SSW22 Safe working in the vicinity of Northern Gas Networks high pressure pipelines and associated installations*'.

Access

Access to sites and to Northern Gas Networks apparatus must be provided at all times. This includes temporary structures and spoil heaps over Northern Gas Networks pipes.

Crossing Northern Gas Networks plant

The placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over Northern Gas Networks apparatus is prohibited unless specially agreed protective measures (i.e. the construction of reinforced crossing points) have been carried out. This is particularly important where reductions in side support or ground cover are planned.

Working in wayleaves or easements

Work should not be undertaken within a Northern Gas Networks wayleave/easement without the formal written consent of Northern Gas Networks.

Exposed plant

Where excavations adjacent to gas apparatus affects its support, the apparatus must be adequately supported and protected in consultation with and to the satisfaction of Northern Gas Networks. All exposed plant must be protected from impact. Thrust blocks and supports must not be disturbed.

Where welding or other hot works involving naked flames is contemplated this should only be carried out if it can be done without damaging plastics or protective coatings of pipes. If you smell gas do not start work and call 0800 111 999*.

Shuttering must be constructed so as to prevent fresh concrete encasing Northern Gas Networks apparatus and to maintain the stated clearances.

If you damage Northern Gas Networks gas pipes or apparatus, including damage to wrapping or sleeving you must call 0800 111 999* immediately.

In the event of a query your local contact number is:

Tel: 0845 6340508 (option 6)
Email: plantprotection@northerngas.co.uk

Northern Gas Networks

Produced by Northern Gas Networks Communications on behalf of Network Strategy. πG2290L. 05/05. T/PR/DP1 Part 2.

Avoiding injury when working near gas pipes

Measures to stay safe and avoid damage when working near gas pipes operating at pressures of up to 7 bar

Northern Gas Networks

The following protective measures must be taken when excavating in the vicinity of Northern Gas Networks apparatus at up to 7 bar pressure.

Reference should be made to the HSE Guidance Note HSG 47 '*Avoiding Danger from Underground Services*' and to '*Utilities Guidelines on Positioning and Colour Coding of Apparatus*'. This document can be downloaded free of charge at www.njug.org.uk

To avoid injury to workers you must verify the details given on plans or traced by electronic tracers by hand dug trial holes and mark the position on site with suitable markers.

You must ensure full colour copies of Northern Gas Networks plans are issued to the workers carrying out the excavations.

Every possible precaution must be taken to avoid personal injury or damage to Northern Gas Networks apparatus during the progress of the works. Any costs incurred by Northern Gas Networks for the repair of direct or consequential damage will be recharged in full.

Northern Gas Networks reserves the right to divert any affected apparatus if proved necessary during the course of your works: the cost of which will be recharged.

Surface boxes/manholes

Do not bury or move Northern Gas Networks surface boxes. Access must be maintained both during and after your works. Northern Gas Networks reserve the right to locate and/or realign any boxes not left in such condition upon completion of your works and at your expense. No manhole cover or other structure is to be built over, around, or under a gas pipe and no work is to be carried out which results in a reduction or increase in cover or protection, without agreement.

Minimum Safe Working Distances

If you are carrying out any of the following activities please contact Northern Gas Networks for further guidance :-

Explosions, piling, boring and deep excavations.

Trial holes must be dug by hand to determine the exact location of mains and services in advance of excavating or thrust boring.

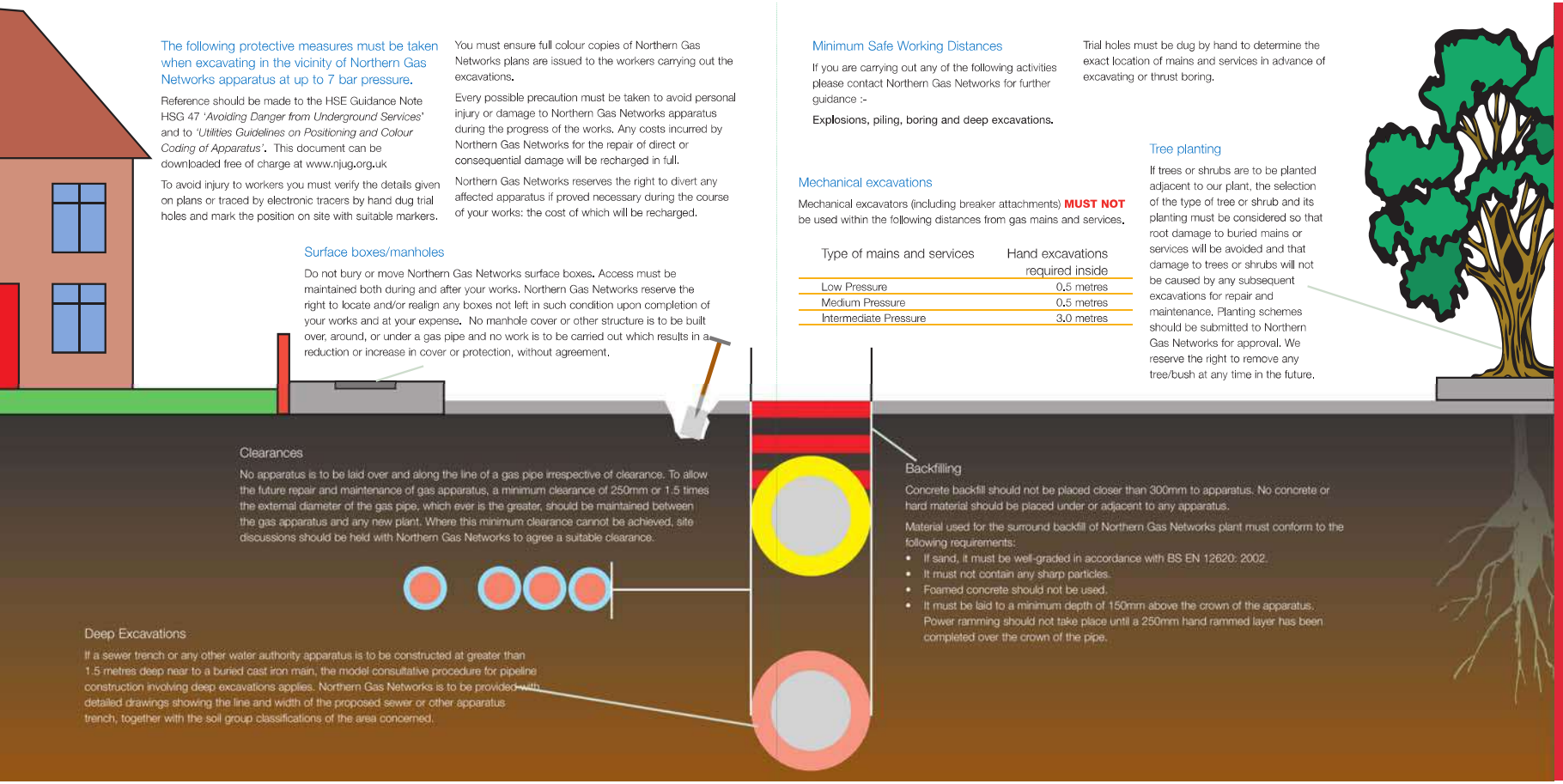
Mechanical excavations

Mechanical excavators (including breaker attachments) **MUST NOT** be used within the following distances from gas mains and services.

Type of mains and services	Hand excavations required inside
Low Pressure	0.5 metres
Medium Pressure	0.5 metres
Intermediate Pressure	3.0 metres

Tree planting

If trees or shrubs are to be planted adjacent to our plant, the selection of the type of tree or shrub and its planting must be considered so that root damage to buried mains or services will be avoided and that damage to trees or shrubs will not be caused by any subsequent excavations for repair and maintenance. Planting schemes should be submitted to Northern Gas Networks for approval. We reserve the right to remove any tree/bush at any time in the future.



Clearances

No apparatus is to be laid over and along the line of a gas pipe irrespective of clearance. To allow the future repair and maintenance of gas apparatus, a minimum clearance of 250mm or 1.5 times the external diameter of the gas pipe, which ever is the greater, should be maintained between the gas apparatus and any new plant. Where this minimum clearance cannot be achieved, site discussions should be held with Northern Gas Networks to agree a suitable clearance.

Deep Excavations

If a sewer trench or any other water authority apparatus is to be constructed at greater than 1.5 metres deep near to a buried cast iron main, the model consultative procedure for pipeline construction involving deep excavations applies. Northern Gas Networks is to be provided with detailed drawings showing the line and width of the proposed sewer or other apparatus trench, together with the soil group classifications of the area concerned.

Backfilling

Concrete backfill should not be placed closer than 300mm to apparatus. No concrete or hard material should be placed under or adjacent to any apparatus.

Material used for the surround backfill of Northern Gas Networks plant must conform to the following requirements:

- If sand, it must be well-graded in accordance with BS EN 12620: 2002.
- It must not contain any sharp particles.
- Foamed concrete should not be used.
- It must be laid to a minimum depth of 150mm above the crown of the apparatus. Power ramming should not take place until a 250mm hand rammed layer has been completed over the crown of the pipe.

If you cause a gas leak, or suspect a pipe or equipment is leaking, you must take the following actions immediately:

- **Inform Northern Gas Networks immediately on 0800 111 999*.**
- **Get everyone away from the immediate vicinity of the escape.**
- **Do not attempt to stop the escape by filling the hole as gas may enter buildings.**
- **Ask occupants of buildings adjacent to the escape to leave until it has been established that it is safe for them to return.**
- **Damage to a service supplying a building may result in gas entering the building. Do not attempt to operate any valves.**
- **Prevent any approach to the immediate vicinity of the escape.**
- **Prohibit smoking and extinguish all naked flames or other sources of ignition for at least 15m from the leakage.**
- **Assist Northern Gas Networks, Police or Fire Services as requested.**

Smell gas? Call free

0800 111 999*

**All calls are recorded and may be monitored.*

Utilities Report

! Affected Utilities

Northern Powergrid - (Yorkshire)

Landmark® INFORMATION GROUP

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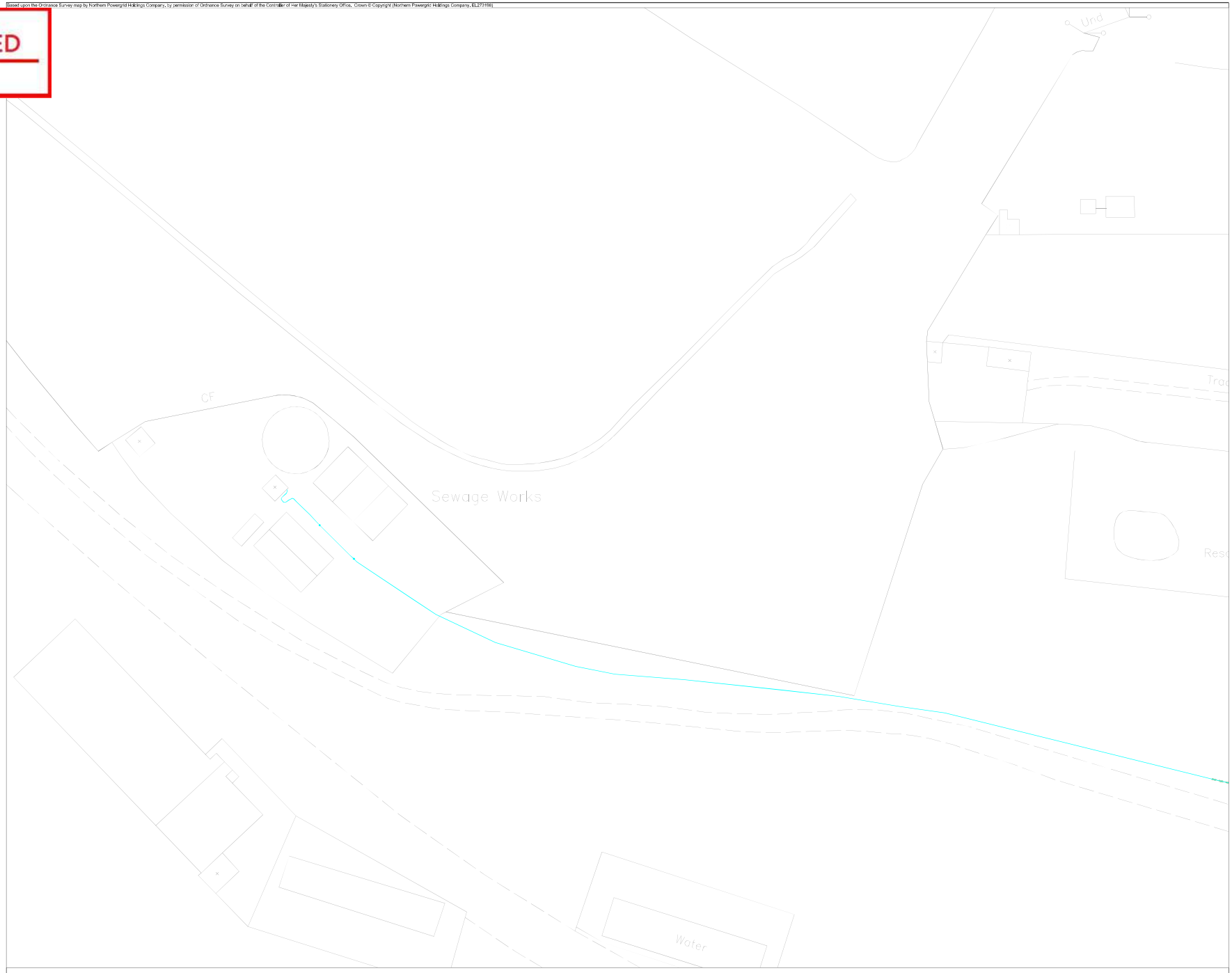

Northern Powergrid Holdings Company

The position of our equipment is shown on this plan as accurately as possible, however, it may have changed since the plan was produced. Therefore the position of our equipment and those of service cables which may not be shown should be established on site. Electricity cables not owned by Northern Powergrid Holdings Company may be laid in this area and may not be shown on this plan. Where private cables are shown, the information should not be regarded as accurate and should be used for guidance purposes only. In all cases, accurate information should be obtained from the owner of such cables prior to the commencement of work on the site.

Northern Powergrid

Safe Digging Map

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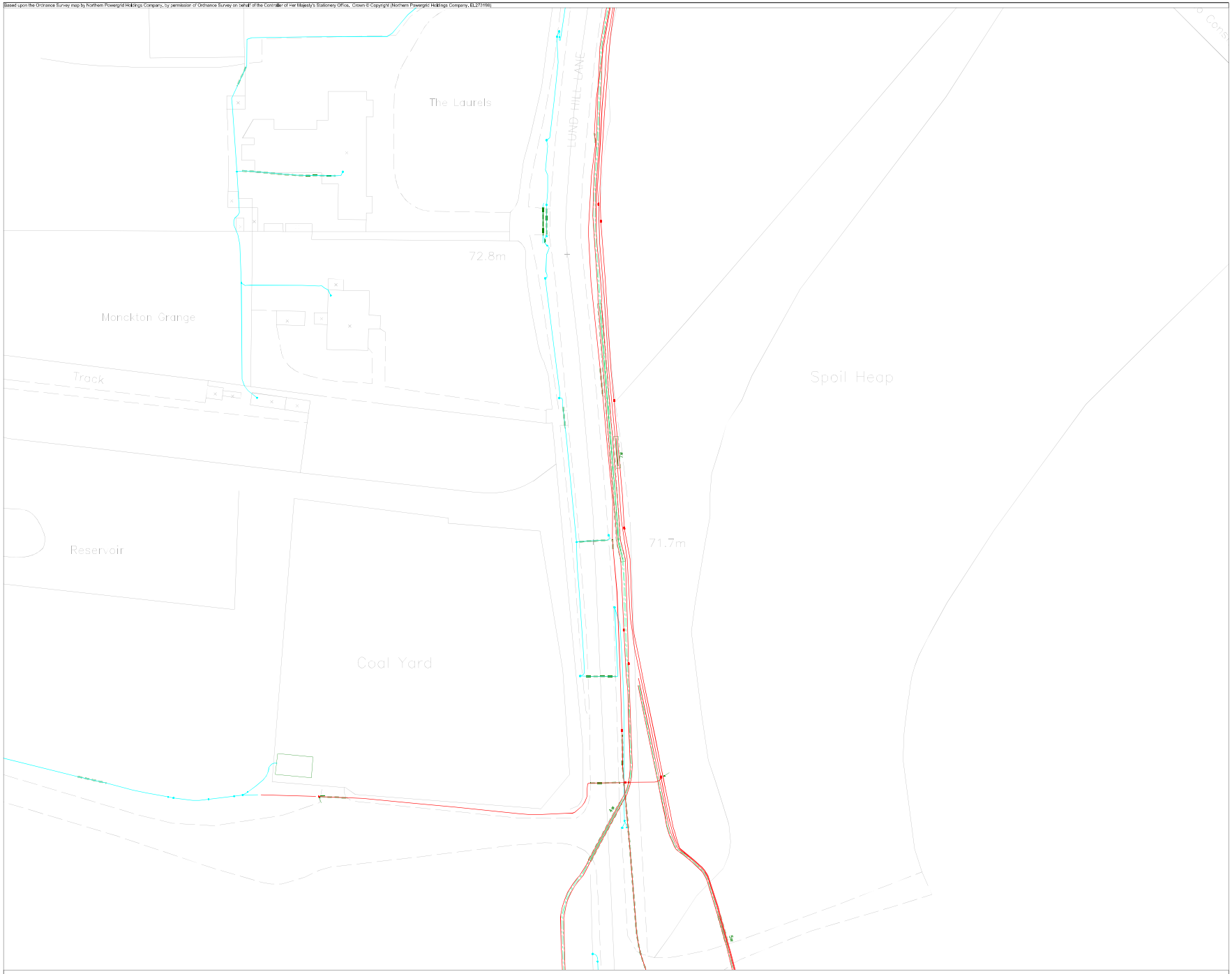

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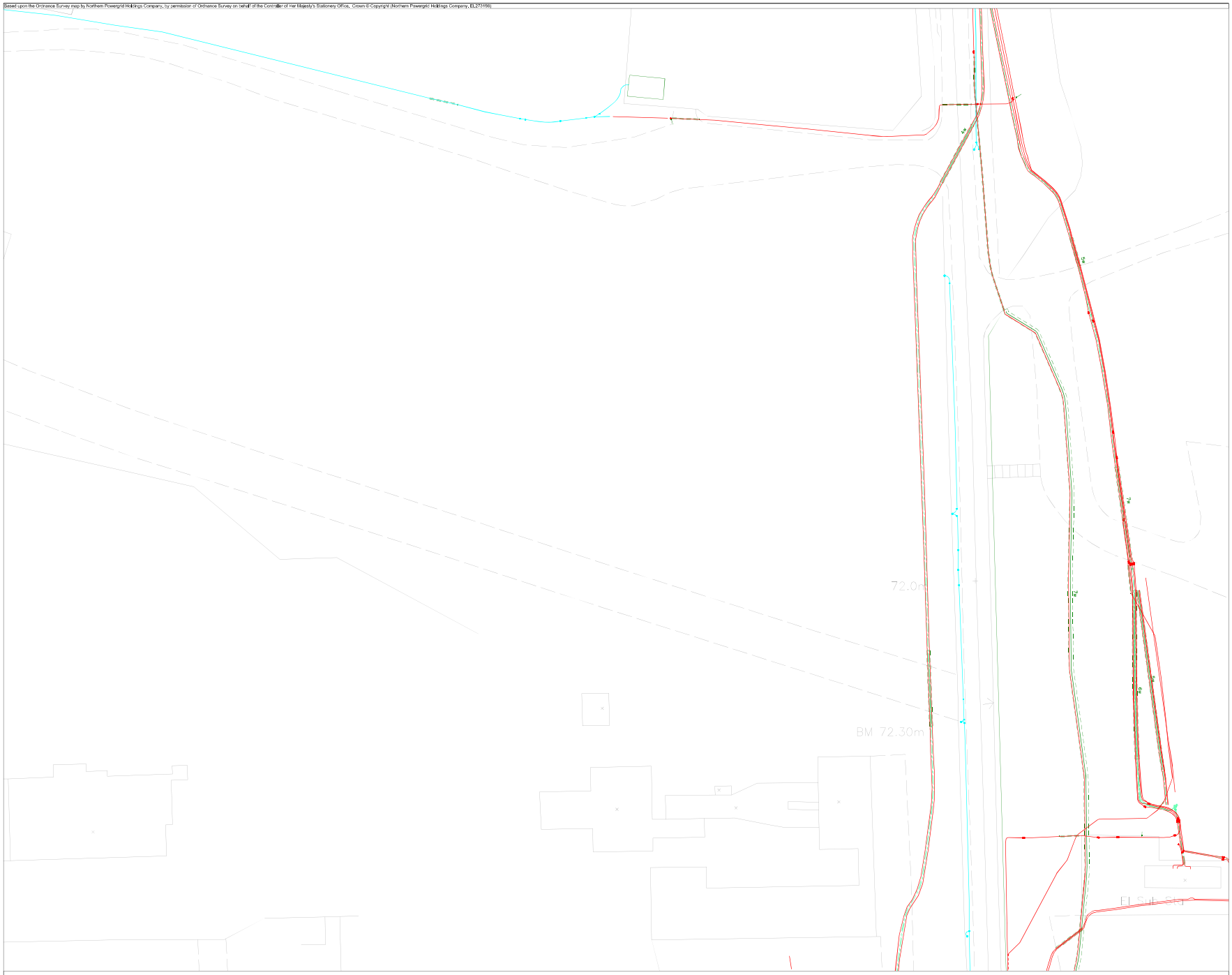

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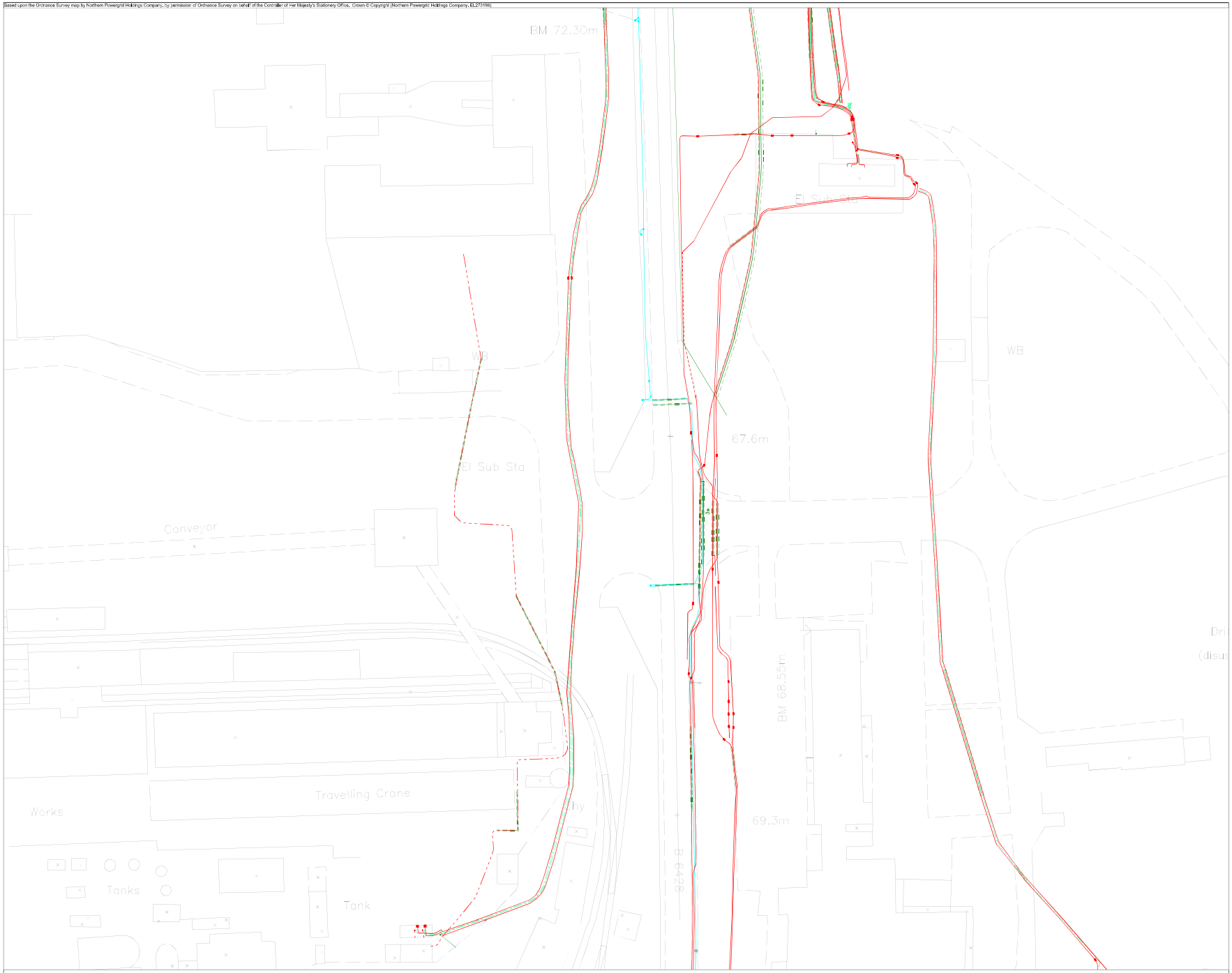

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Northern Powergrid

Safe Digging Map

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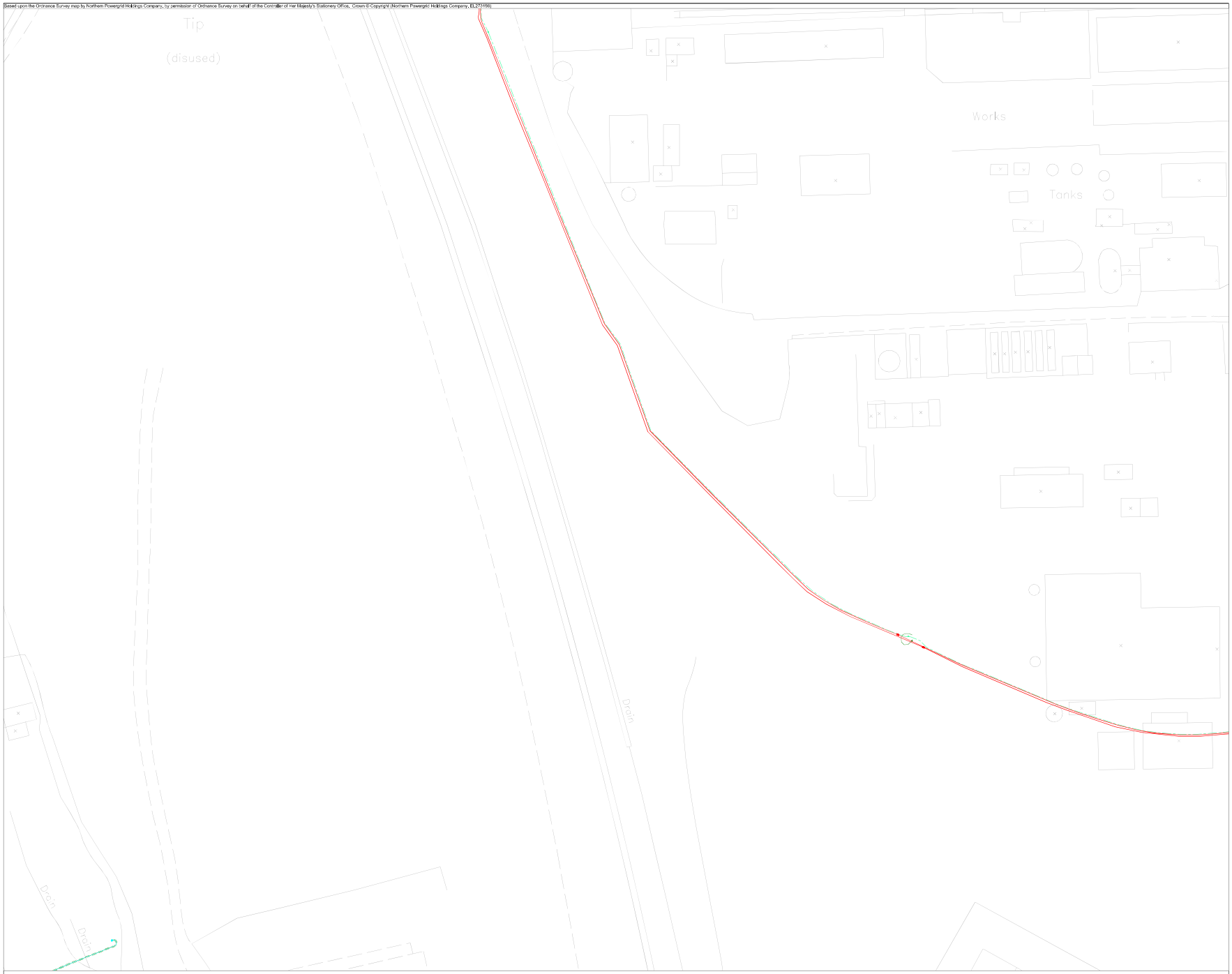

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Northern Powergrid

Safe Digging Map

437221,411829

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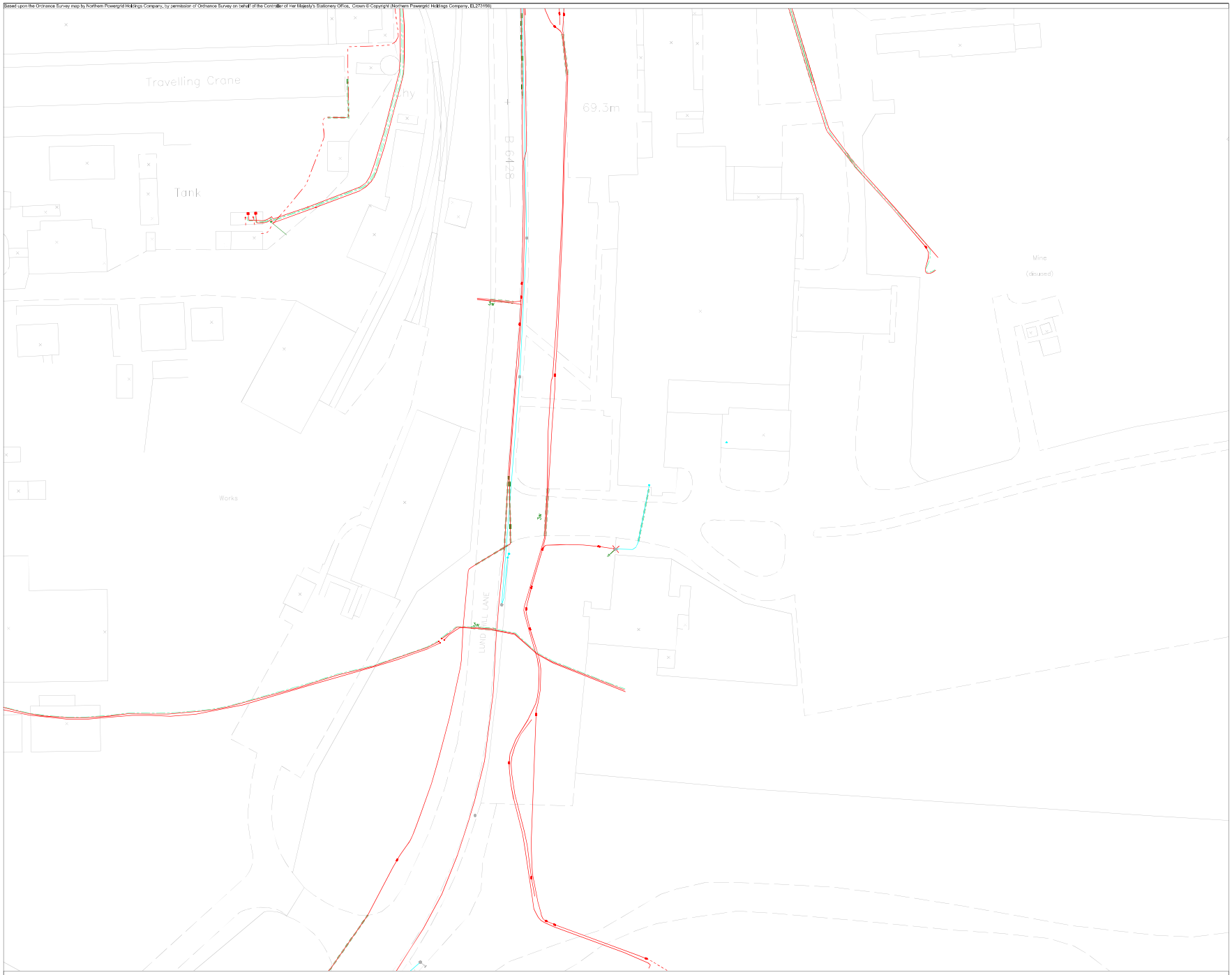

Northern Powergrid Holdings Company

The position of our equipment is shown on this plan as accurately as possible, however, it may have changed since the plan was produced. Therefore the position of our equipment and those of service cables which may not be shown should be established on site. Electricity cables not owned by Northern Powergrid Holdings Company may be laid in this area and may not be shown on this plan. Where private cables are shown, the information should not be regarded as accurate and should be used for guidance purposes only. In all cases, accurate information should be obtained from the owner of such cables prior to the commencement of work on the site.

Northern Powergrid

Safe Digging Map

437477,411825

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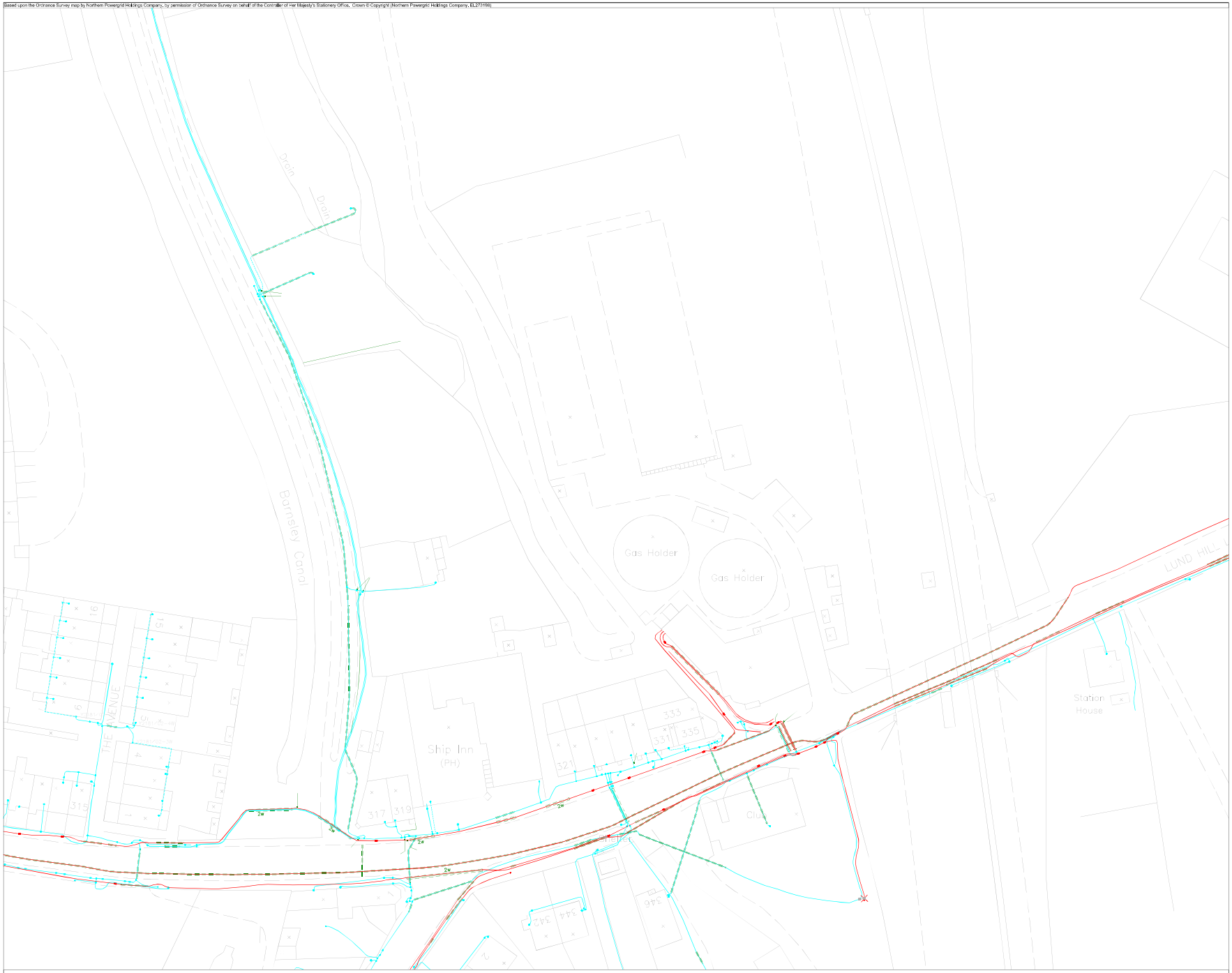

Northern Powergrid Holdings Company

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Northern Powergrid

Safe Digging Map

437166,411661

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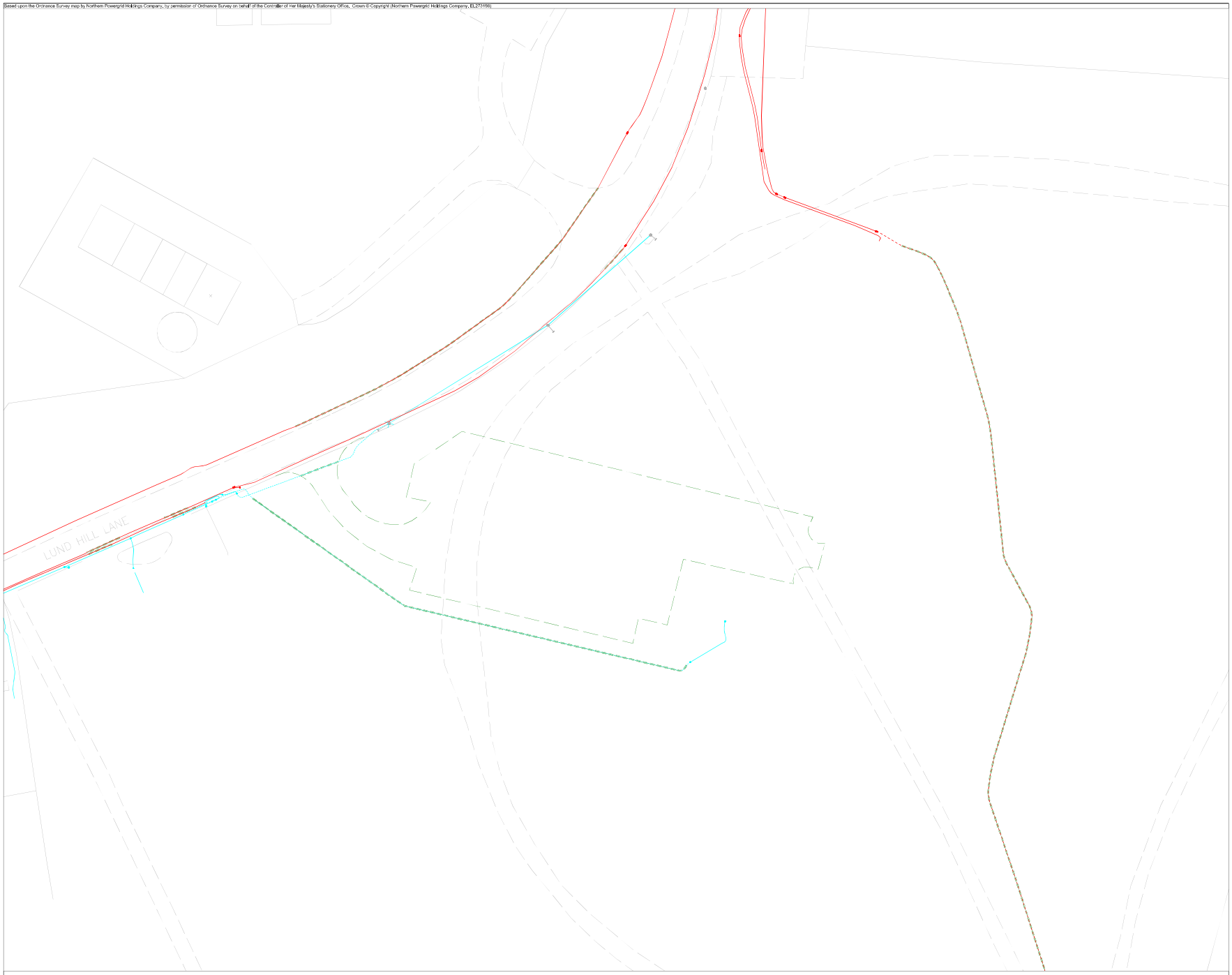

Northern Powergrid Holdings Company

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Northern Powergrid

Safe Digging Map

437424,411658

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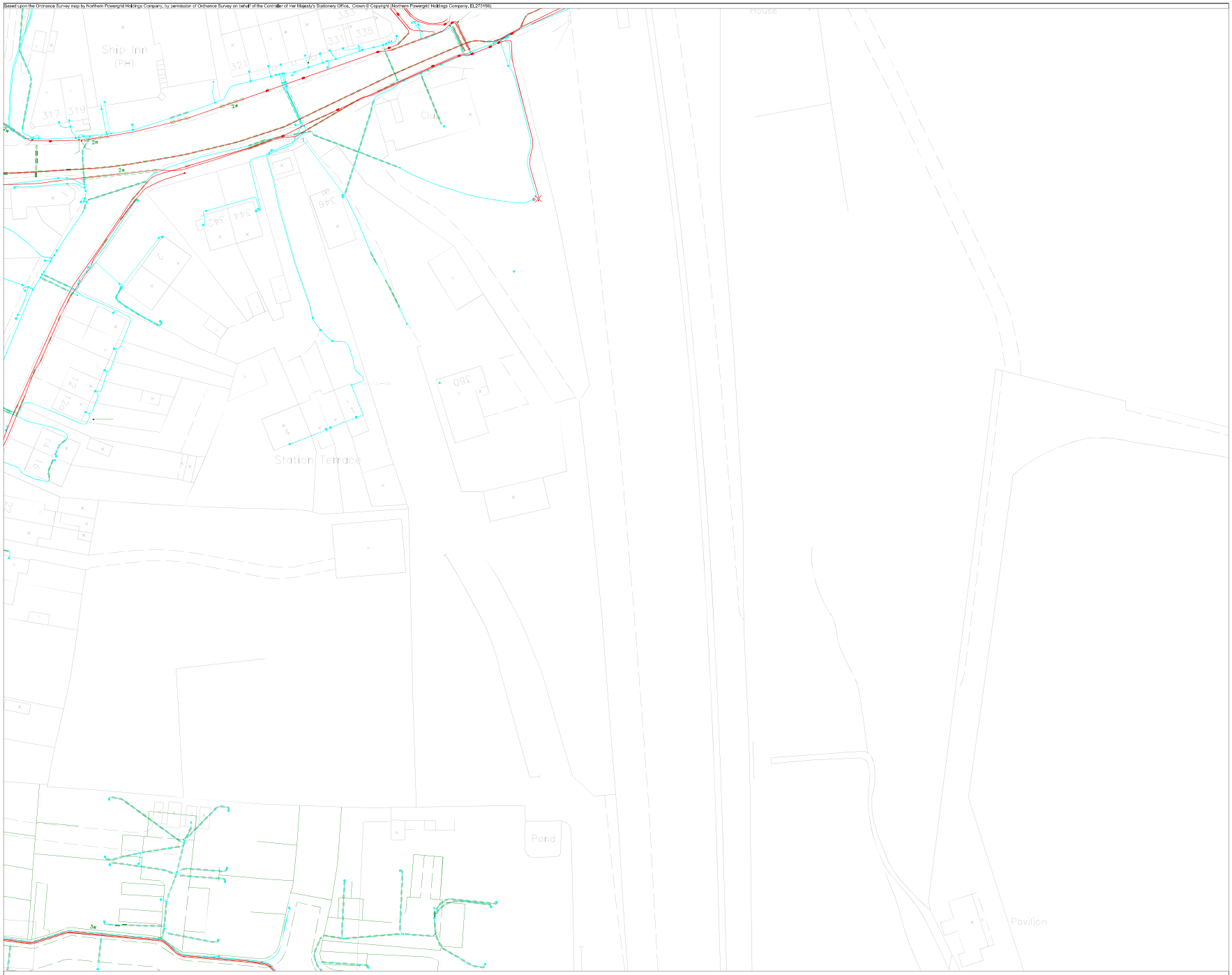


Northern Powergrid Holdings Company

The position of our equipment is shown on this plan as accurately as possible, however, it may have changed since the plan was produced. Therefore the position of our equipment and those of service cables which may not be shown should be established on site. Electricity cables not owned by Northern Powergrid Holdings Company may be laid in this area and may not be shown on this plan. Where private cables are shown, the information should not be regarded as accurate and should be used for guidance purposes only. In all cases, accurate information should be obtained from the owner of such cables prior to the commencement of work on the site.

Northern Powergrid

Safe Digging Map

437241,411500

GIS Mains Records Safe Digging Symbology

At smaller Scales (e.g. 1:500) the sizes of the symbology area reduced in proportion.

Cable and Conductor Line Styles and Colours

Scale 1:250

Symbol	Voltage	Description
	132kV	Cable / Conductor Assumed Route of Cable Customer Cable
	66kV	Cable / Conductor Assumed Route of Cable Customer Cable
	33kV	Cable / Conductor Assumed Route of Cable Customer Cable
	11kV	Cable / Conductor Assumed Route of Cable Customer Cable
	6.6kV	Cable / Conductor Assumed Route of Cable Customer Cable
	2kV	Cable / Conductor Assumed Route of Cable Customer Cable
	LV	Cable / Conductor Assumed Route of Cable Customer Cable Surface Wiring
	Pilot Tele	Cable
		Earth Wire
x x x		Runs of Unknown Cables

Cable & Conductor related Symbology

Scale 1:250

132kV	66kV	33kV	11kV	6.6kV	2kV	LV	Pilot/Tele	Description
								Mains Joint
								Insulated End Wall Mounted Termination Pole Mounted Termination
								Uninsulated Cable End
								Overhead Termination Virtual Joint
								Cable Repair
								Service Terminations

Copyright of YEDL

Cable & Conductor related Symbology cont.

Scale 1:250

132kV	66kV	33kV	11kV	6.6kV	2kV	LV	Pilot/Tele	Description
								Leeds Service Joint Box
								3 Way Leeds Joint Box
								4 Way Leeds Joint Box
								Street Lamp / Traffic Sign Telephone Call Box Street Furniture
								Auxiliary Joint

Additional Symbology

Scale 1:250

Overhead		Underground	
Symbol	Description	Symbol	Description
	Tower		Duct Route
	Steel Mast		Draw Box
	H Pole		Link Box
	Single Wooden Pole		Feeder Pillar / LV Board
	Stay		Earth
	Strut		
	Tandem Stay		
	Bridle / Outrigger Bracket		

Copyright of YEDL

Please establish on site the position of equipment or service cables that may have changed since production of the plan.

Caution: Overhead Lines Present

The Health & Safety Executive Guidance Note GS6, Avoiding Danger from Overhead Electric Lines, states the precautions required when working in proximity to live overhead lines.

Overhead lines are not normally insulated and the danger from accidental contact or near contact can be extreme.

Contractors and employers are required by law to take precautions and employees to co-operate with their implementation.

Particular care should be taken not to reduce clearances from overhead lines by landscaping operations, dumping waste material or creating unplanned storage areas.

ASSUME ALL LINES ARE LIVE

Warning: Underground Cables Present

The Health & Safety Executive Guidance Note HS (G) 47 Avoiding Danger from Underground Services, applies to almost all situations which involve penetrating the ground at or below surface level.

As much information and advice about buried cables should always be obtained from YEDL before any work begins.

Plans provide a “guide” to the existence of most cables. Actual cable depths and routes should never be assumed but should always be precisely located by careful trail digging throughout the area and depth of the proposed work.

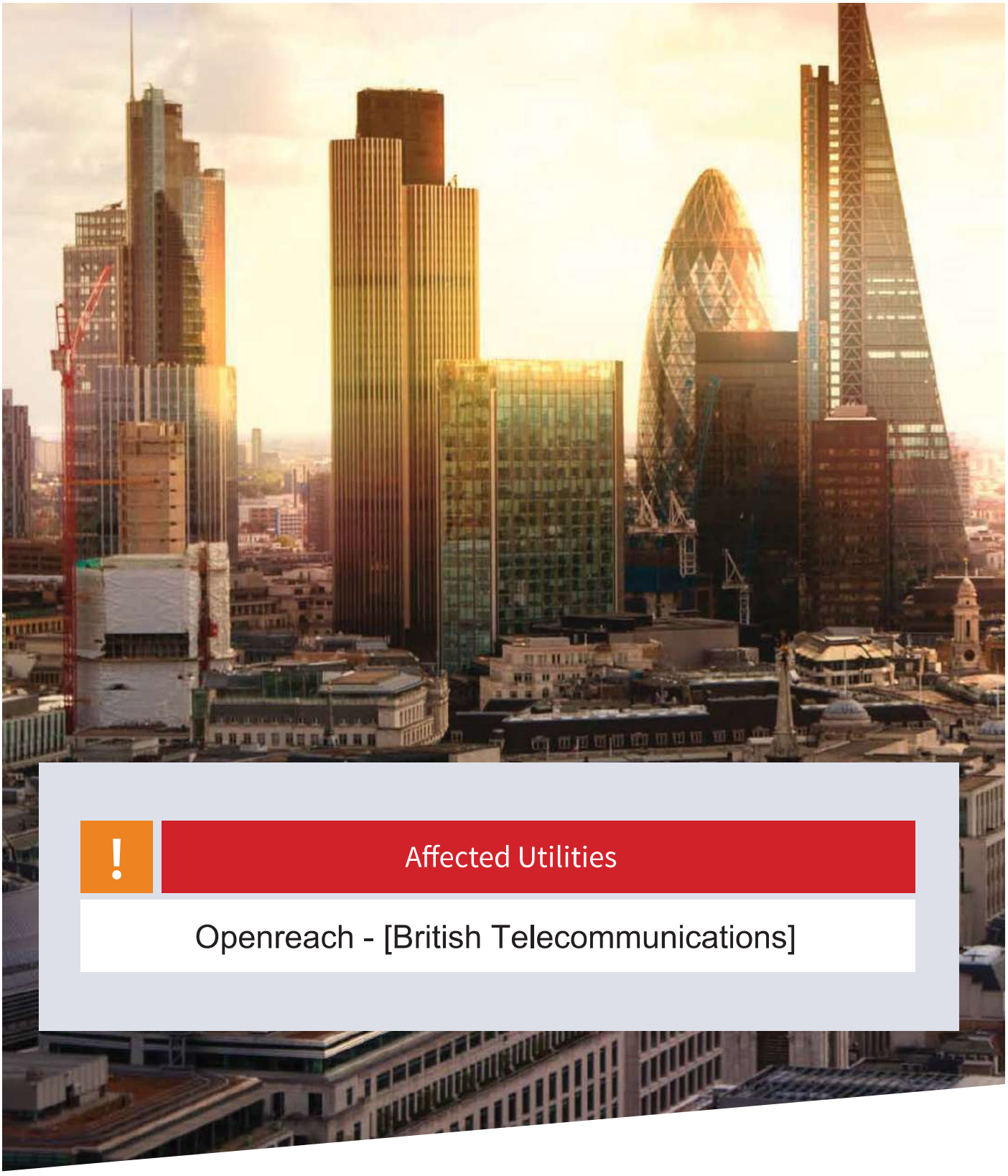
This procedure should be carried out with consideration of a plan and if necessary with the aid of a suitable cable tracing device. These safety measures apply regardless of inconvenience or frequency due to the line of the work, and even when the proposed work only involves disturbing a shallow surface layer.

Each plan is endorsed with an instruction that cables should always be located by hand excavation prior to use of machinery.

The existence of warning tapes, cable tiles, markers and the like should not be replied upon, as their use has varied over the years at the discretion of YEDL.

Copyright of YEDL

Utilities Report



! Affected Utilities

Openreach - [British Telecommunications]

Landmark® INFORMATION GROUP

CHECKED

openreach
a BT Group business

Our Ref: Ref shown on map

email: nnhc@openreach.co.uk

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 CBYD@openreach.co.uk
Visit the website www.openreach.co.uk/cbyd

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.

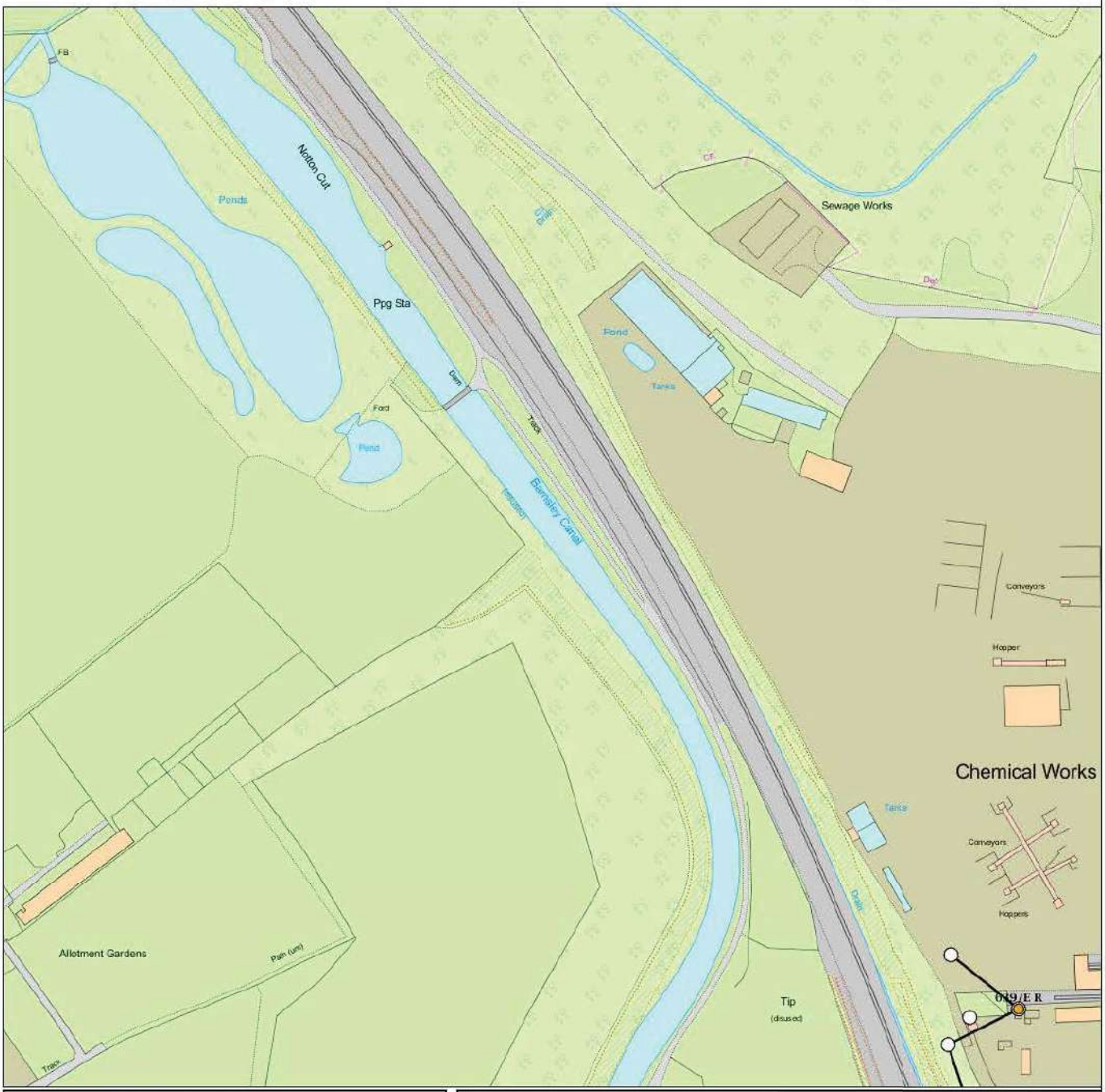
To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of British Telecommunications plc plant. If scaffolding is erected, please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by the scaffolding.

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,

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

Reproduced from the Ordnance Survey map by BT by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office (C) Crown Copyright British Telecommunications plc 100028040

KEY TO BT SYMBOLS

DP		Pole	
Planned DP		Planned Pole	
PCP		Joint Box	
Planned PCP		Change Of State	+
Built		Split Coupling	X
Planned		Duct Tee	
Inferred		Planned Box	
Building		Manhole	
Kiosk	K	Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

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

BT Ref : NHU06207Y
Map Reference : (centre) SE3715812257
Easting/Northing : (centre) 437158,412257
Issued : 27/11/2017 06:20:55

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

Maps by email Plant Information Reply

IMPORTANT WARNING

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openreach

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www.openreach.co.uk/cbyd

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KEY TO BT SYMBOLS

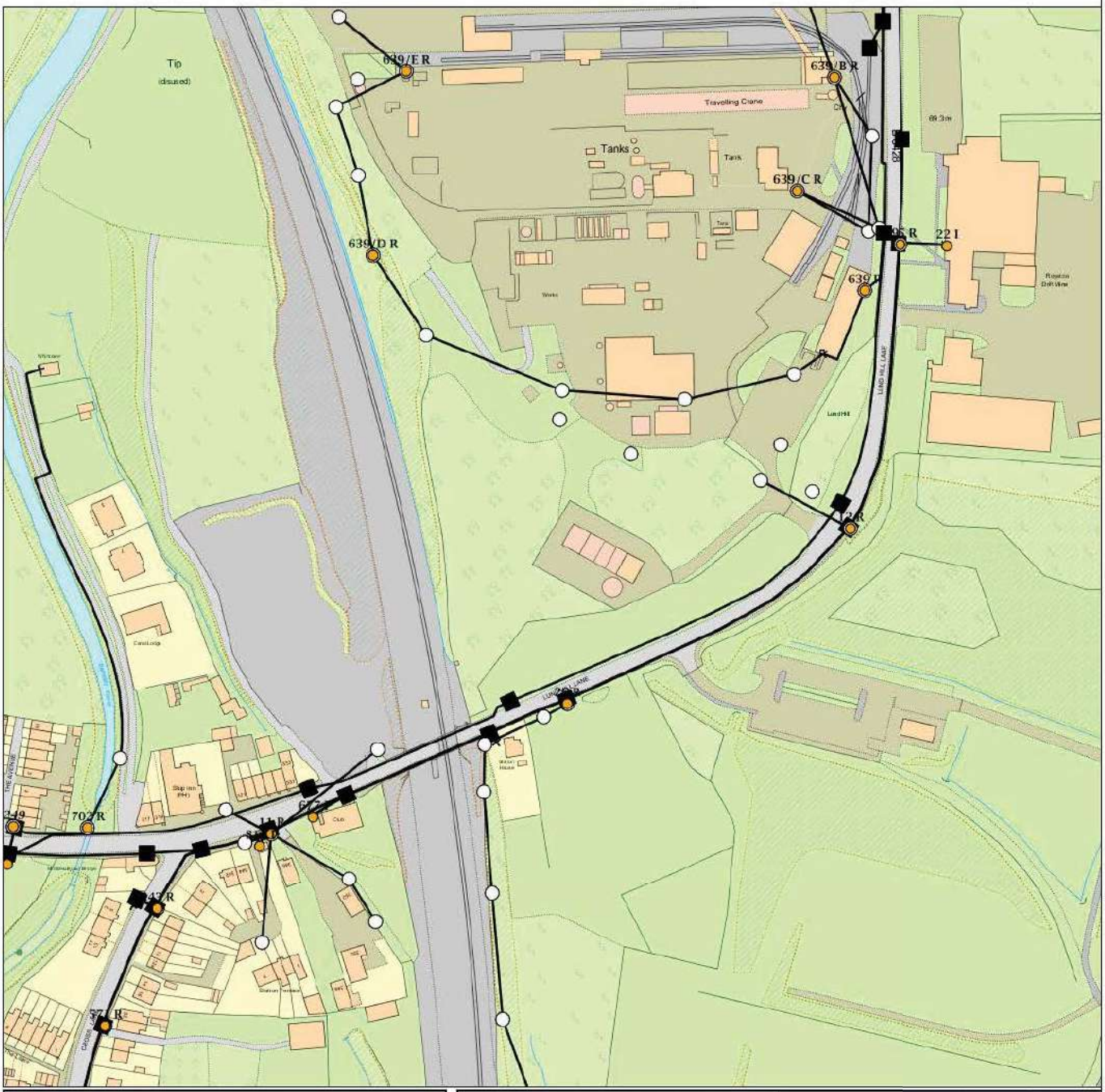
DP		Pole	
Planned DP		Planned Pole	
PCP		Joint Box	
Planned PCP		Change Of State	+
Built		Split Coupling	X
Planned		Duct Tee	▲
Inferred		Planned Box	
Building		Manhole	
Kiosk	K	Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

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

BT Ref : RTC062042
Map Reference : (centre) SE3758912257
Easting/Northing : (centre) 437589,412257
Issued : 27/11/2017 06:21:10

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

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

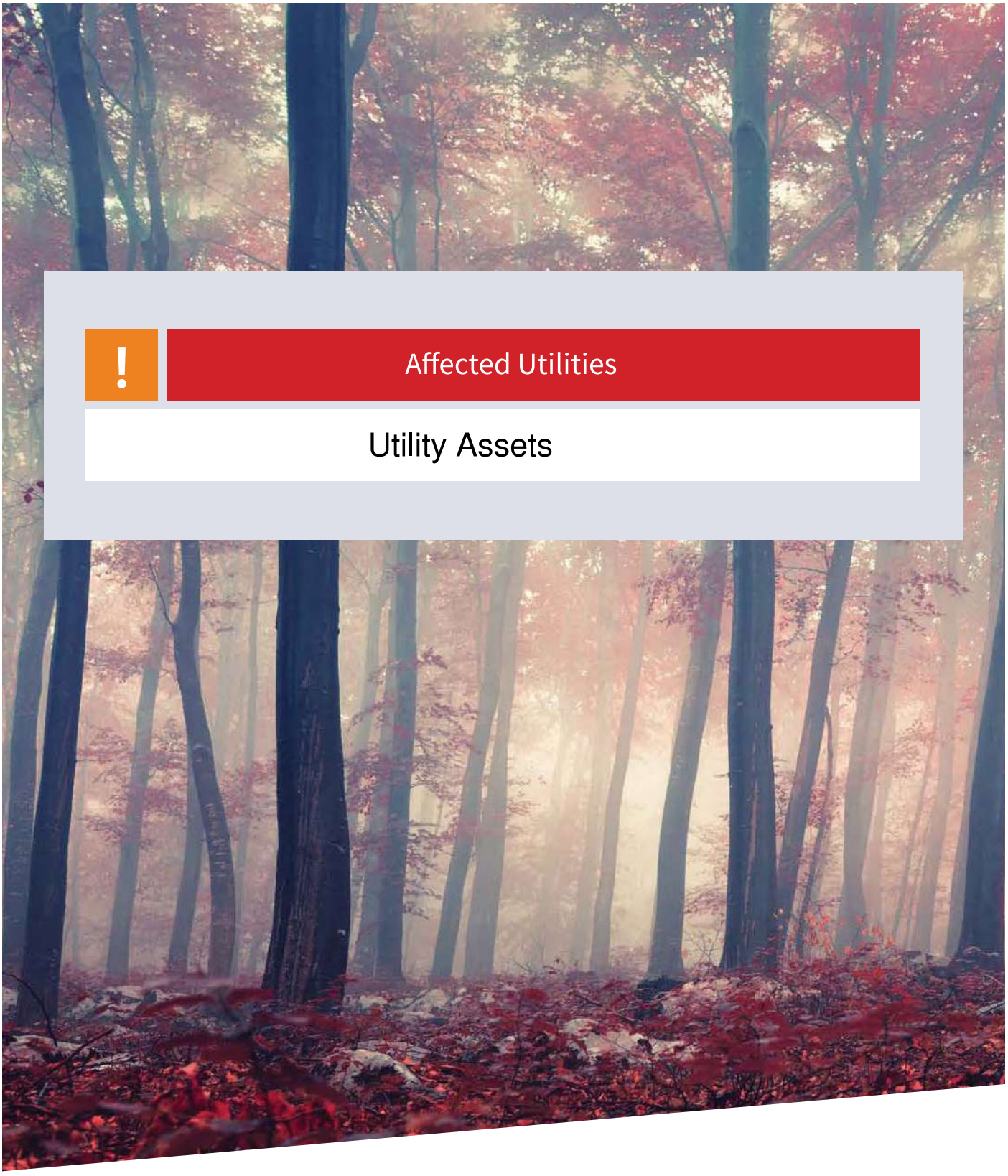
DP		Pole	
Planned DP		Planned Pole	
PCP		Joint Box	
Planned PCP		Change Of State	+
Built		Split Coupling	X
Planned		Duct Tee	▲
Inferred		Planned Box	
Building		Manhole	
Kiosk	K	Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

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

BT Ref : FIC06213L
Map Reference : (centre) SE3743711823
Easting/Northing : (centre) 437437,411823
Issued : 27/11/2017 06:21:22

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

Utilities Report



Affected Utilities

Utility Assets

Landmark® INFORMATION GROUP

ADVISORY NOTICE

SUPPLIER UPDATE: Utility Assets

On 23/11/17, an enquiry was sent to Utility Assets' plant record department. As of the date of issueof this Utilities Report, we have not received a formal response from Utility Assets in regards toowning any equipment on this site. Utility Assets have however advised the following:

"Thank you for recently contacting Utility Assets plant record department. We will check whether we have any plant present at your site and contact you within 5 - 7 working days ONLY if we own any plant in the vicinity.

If we do not reply, we do not have any apparatus in the area of your works. However, PLEASE TAKE CARE when excavating around electricity cables in the event that not all cables present may be accurately shown. We recommend you use detecting equipment to map the site before excavating and fully comply with HSG47. DO NOT assume that a cable is dead if you don't have a record of its presence. The cable must be treated as live unless PROVEN DEAD by the cable owner. In case of emergency please contact your local electricity distribution company.

This is an automated reply from our dedicated asset records email address. If you receive further correspondence from us it will be from asset.manager@utilityassets.co.uk *quoting a site reference number.*

Asset Manager - Utility Assets Ltd"

If a formal response is received within 3 months of the date of this search it will be forwarded onto you as per our usual service. However, without formal communication from Utility Assets it remains unconfirmed that your site will not be affected by their network. Utility Assets will not acknowledge receipt of this enquiry, or any subsequent chases, unless their network will be affected.

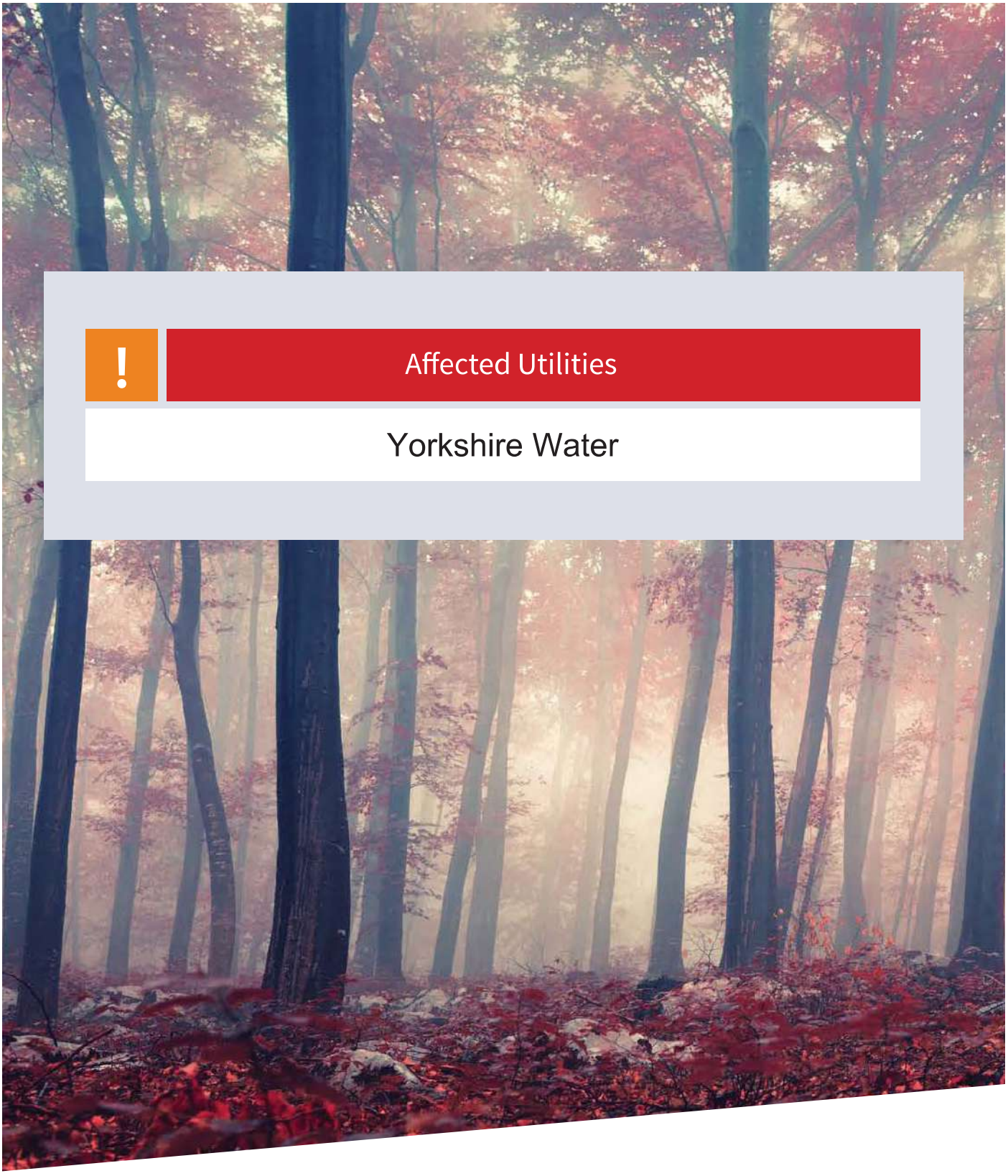
Terms and Conditions

Full Terms and Conditions can be found on the following URL:
http://www.landmarkinfo.co.uk/Terms/Show/515

Please note that Utilities Reports have a validity of 3 months from the date of purchase.

If you experience difficulties accessing our Terms and Conditions, please telephone our Customer Service Team on 0844 844 9966.

Utilities Report



Affected Utilities

Yorkshire Water

Landmark® INFORMATION GROUP

CHECKED

YORKSHIRE WATER
PROTECTION OF MAINS AND SERVICES

1. The position of Yorkshire Water Services Ltd (YWS) apparatus shown on the existing mains record drawing(s) indicates the ***general*** position and nature of our apparatus and the accuracy of this information cannot be guaranteed. Any damage to YWS apparatus as a result of your works may have serious consequences and you will be held responsible for all costs incurred. Prior to commencing major works, the exact location of apparatus must be determined on site, if necessary by excavating trial holes. The actual position of such apparatus and that of service pipes which have not been indicated must be established on site by contacting the Customer Helpline on 0845 124 24 24 for both water and sewerage.

2. The public sewer and water network is lawfully retained in its existing position and the sewerage and water undertaker is entitled to have it remain so without any disturbance. The provisions of section 159 of the Water Industry Act 1991 provides that the undertaker may "inspect, maintain, adjust, repair or alter" the network. Those rights are given to enable the undertaker to perform its statutory duties. Any development of the land or any other action that unacceptably hindered the exercise of those rights would be unlawful. The provisions contained in Section 185 of the Water Industry Act 1991 state that where it is reasonable to do so, a person may require the water supply undertaker to alter or remove a pipe where it is necessary to enable that person to carry out a proposed change of use of the land. The provisions contained in Section 185 also require the person making the request to pay the full cost of carrying out the necessary works.

3. Ground levels over existing YWS apparatus are to be maintained. Sewers in highways will ***generally*** be laid to give 1200mm of cover from finished ground level working to kerb races, other permanent identification of the limits of the road or to an agreed line and level. Substantial increases or decreases to this 1200mm depth of cover will result in the sewer being re-laid at your expense. Water mains and services will ***generally*** be laid with a minimum of 750mm depth of cover however some mains and services usually those installed over 50 years ago may have less ground cover.

4. If surface levels are to be decreased / increased significantly the effects on existing water supply apparatus will be carefully considered and if any alterations are necessary, the costs of the alterations will be recharged to you in full. Outlets on fire hydrants must be no more than 300mm below the new levels and all surface boxes must be adjusted as part of the scheme.

5. To enable future repair works to be carried out without hindrance; any pipe, cable, duct, etc. installed parallel to a water main or service pipe should not be installed directly over or within 300mm of a water main or service pipe or 1000mm of a waste water asset. Where a pipe, cable, duct, etc. crosses a main or service it should preferably cross perpendicular or at an angle of no less than 45° and with a minimum clearance of 150mm. These requirements apply to activities within an existing highway and are relevant to the installation of pipes, cables, ducts, etc. up to and including 250mm in diameter *(see illustration below)*. Necessary protection measures for installations greater than 250mm in diameter and/or in private land will need to be agreed on an individual basis. Installations within a new development site must comply with the National Joint Utilities Group publication Volume 2: NJUG Guidelines On The Positioning Of Underground Utilities Apparatus For New Development Sites.

6. All excavation works near to YW apparatus should be by hand digging only.

7. Backfilling with a suitable material to a minimum 300mm above YW apparatus is required.

8. Adequate support must be provided where any works pass under YW apparatus.

9. Jointing chambers, lighting columns and other structures must be installed in such a way that future repair or maintenance works to YW apparatus will not be hindered.

10. Apparatus such as; railings, sign posts, etc. must not be placed in such a way that they prevent access to or full operation of controlling valves, hydrants or similar apparatus. YWS surface boxes must not be covered or buried. Any adjustment, alteration or replacement of manhole covers must be agreed on site prior to the commencement of the works with a YWS Inspector who may be contacted via our Call Centre on 0845 124 24 24.

11. Explosives shall not be used within 100 metres of any Yorkshire Water Services apparatus or installations.

12. Vibrating plant should not be used directly over any apparatus. Movement or operation by vehicles or heavy plant is not to be permitted in the immediate vicinity of YWS plant or apparatus unless there has been prior consultation and, if necessary, adequate protection provided without cost to YWS.

13. ***Under no circumstances*** should thrust boring or similar trenchless techniques commence until the actual position of the Company's mains/services along the proposed route have been confirmed by trial holes.

14. Any alterations to the highway should be notified following the procedures outlined in the New Road and Street Works Act 1991 Code of Practice; Measures Necessary Where Apparatus Is Affected By Major Works (Diversionary Works).

Registered Office: Yorkshire Water Services Limited
Western House, Halifax Road, Bradford BD6 2SZ. Registered in England and Wales No. 2366682

SafeMove
A part of YorkshireWater

15. You will be held responsible for any damage or loss to YWS apparatus during and after completion of work, caused by yourselves, your servant or agent. Any damage caused or observed to YWS plant or apparatus should be immediately reported to YWS. Should YW incur any costs as a result of non-compliance with the above, all costs will be rechargeable in full.

16. You should ensure that nothing is done on the site to prejudice the safety or operation of YWS employees, plant or apparatus.

17. In accordance with the New Roads and Street Works Act 1991, Chapter 22, Part 3, Section 80. The location of any identified YW asset "*which is not marked, or is wrongly marked, on the records made available* " should be communicated back to Yorkshire Water. The location of the apparatus should be identified on copies of the supplied plans which should be returned to Yorkshire Water (Asset Records Team) with photographic supporting evidence where possible.

18. The Government has decided that responsibility for private sewers serving two or more properties and lateral drains (the section of pipe beyond the boundary of a single property, connecting it to the public sewer) will be transferred to the water companies on Oct 1 2011. Private pumping stations will also transfer during the period 1 October 2011 – 1 Oct 2016. Records of these assets may not yet be shown on the existing mains record drawing(s). If you encounter any of these assets you must inform Yorkshire Water Services Ltd (YWS).

19. Please note that the information supplied on the enclosed plans is reproduced from Ordnance Survey material with the permission of the Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office, © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Licence Number 1000019559.

20. This information is for guidance only and the position and depth of any YW apparatus is approximate only. Likewise, the nature and condition of any YW apparatus cannot be guaranteed. YW has no responsibility for recording the locations of privately owned apparatus. As of 1 October 2011, there may be some lateral drains and/or public sewers which are not documented on YW records but may still be present. For the avoidance of doubt, this information is not a substitute for appropriate professional and/or legal advice. YW accepts no responsibility for any inaccuracy or omissions in this information. The actual position of YW apparatus must be determined on site by excavating trail holes by hand. YW requires a minimum of two working days' written notice of the intention to excavate any trial holes before any excavation can be undertaken. If there are any queries in this respect please contact Yorkshire Water on 0345 124 24 24.

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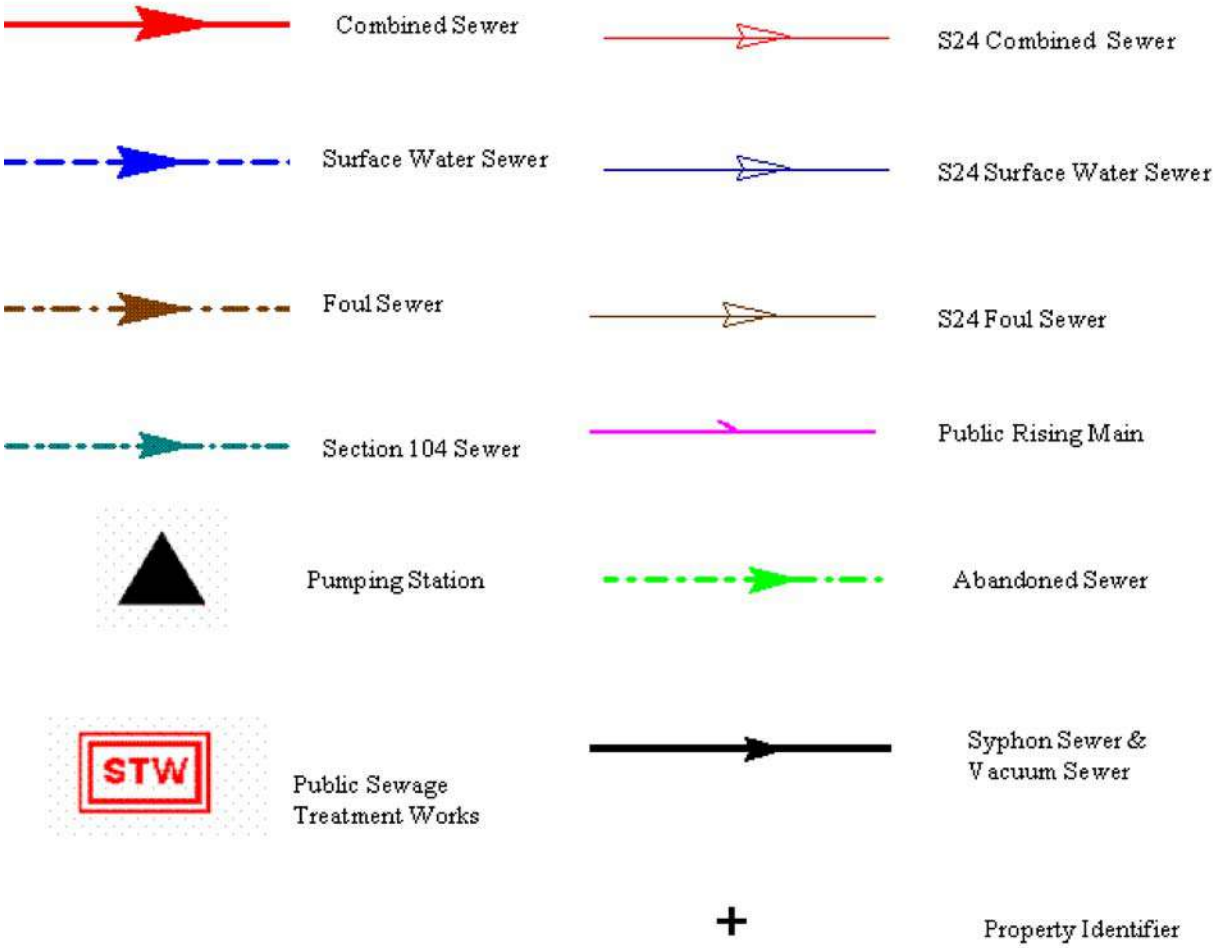
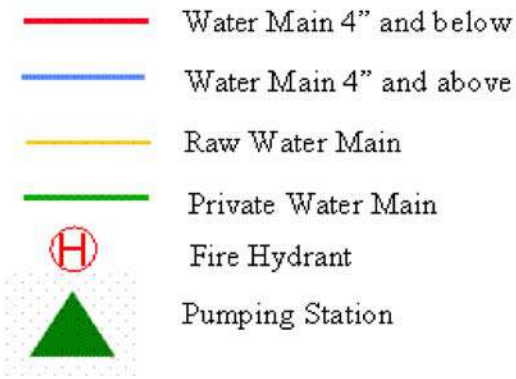
A part of YorkshireWater

Sewer Legend

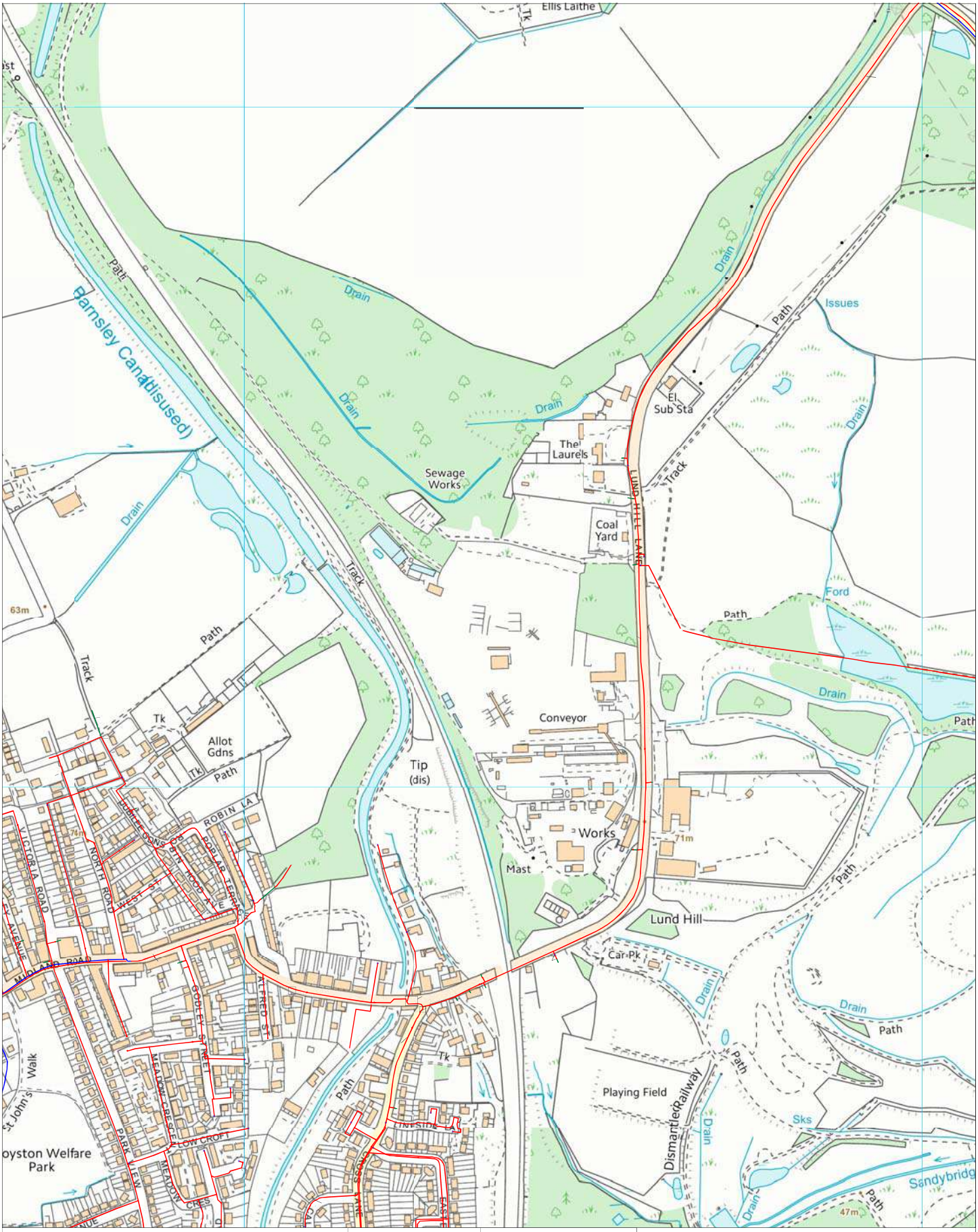


Water Legend



Registered Office, Yorkshire Water Services Limited.
Western House, Halifax Road, Bradford BD6 2SZ. Registered in England and Wales No. 2366682

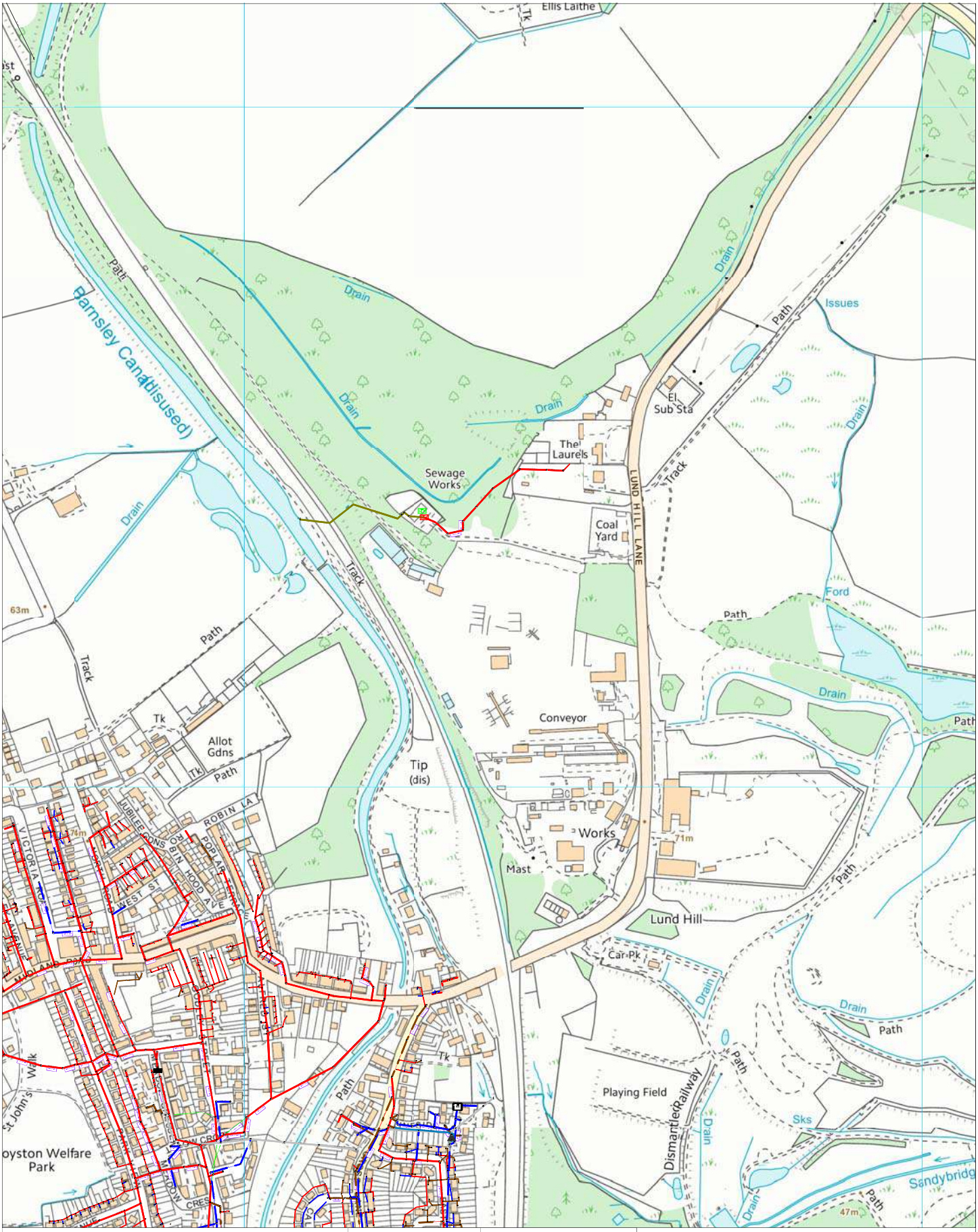
SafeMove
A part of YorkshireWater



436760 : 411501	Map Name : SE3611SE	Title
	Yorkshire Water, PO Box 500, Halifax Road, Bradford BD6 2LZ Contact Name : jacklin Contact Tel :	Notes
		Partial Key Water mains up to 4" in diameter Water mains over 4" in diameter Raw water mains Private water mains
		The position and depths of apparatus shown on this plan are approximate only. The exact positions and depths should be obtained by excavation trial holes.
		Scale : 1:5000
		Drg No : / Maris No :
		Date Req : 24/11/2017, 10:50:59 / Date Gen : 24/11/2017, 10:51:00
		Source : Water Network Enquiry

SafeMove
A part of Yorkshire Water

UPN: Undefined Originator: jacklin, ,



436760 : 411501

Map Name : SE3611SE

Title

Notes

Yorkshire Water,
PO Box 500,
Halifax Road,
Bradford BD6 2LZ
Contact Name :
jacklin
Contact Tel :

Partial Key

Foul Sewer = F

Combined Sewer = C

Surface Water Sewer = SW

Trade Sewer = TD

Partially Separate = PS

This plan is furnished as a general guide only and no warranty as to its correctness is given or implied. This plan must not be relied upon in the event of excavations or other works made in the vicinity of public sewers. No house or property connections are shown.

Date Req : 24/11/2017, 10:51:19

Date Gen : 24/11/2017, 10:51:20

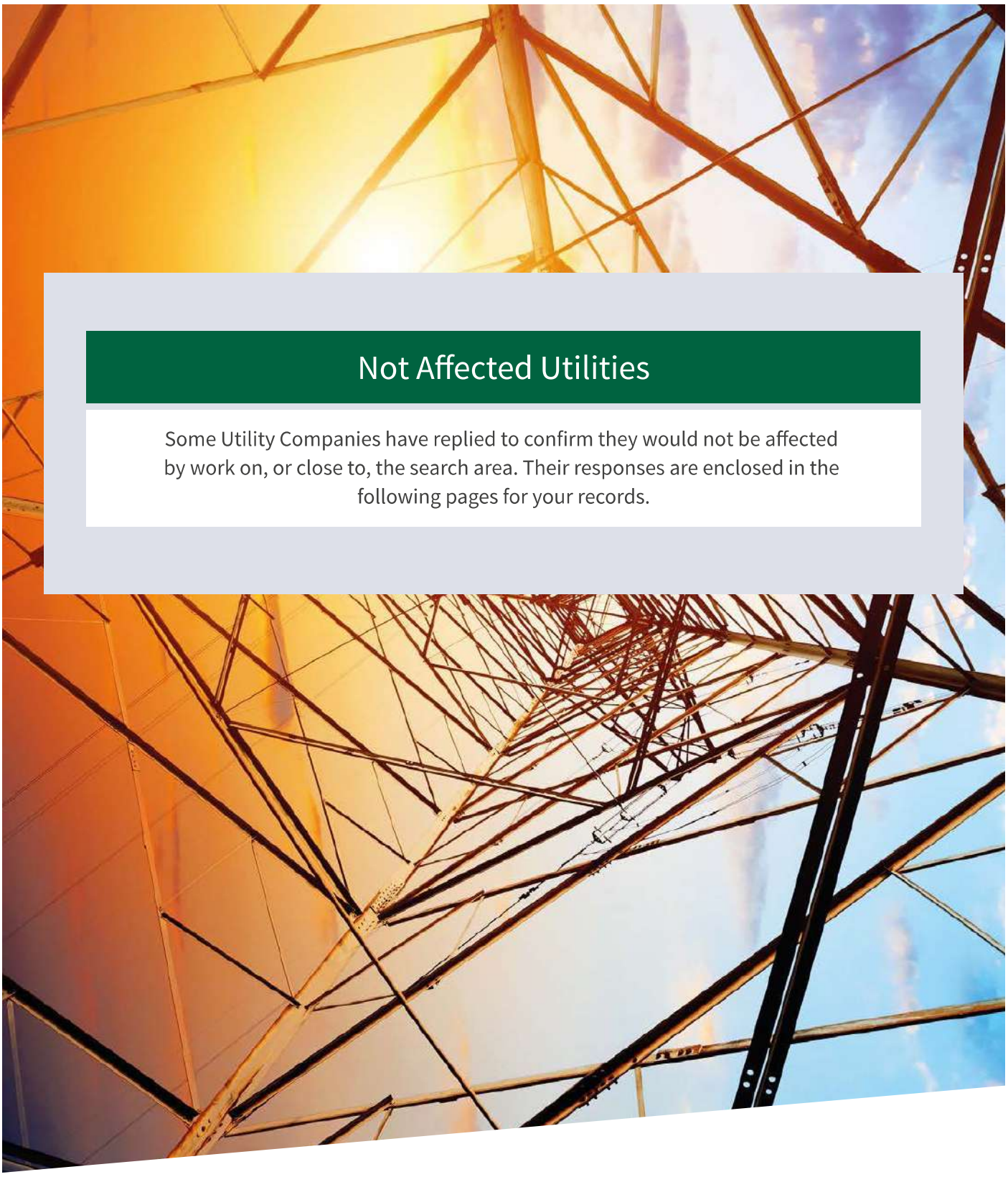
Source : Sewer Network Enquiry

SafeMove
A part of Yorkshire Water

UPN: Undefined

Originator: jacklin, ,

Utilities Report



Not Affected Utilities

Some Utility Companies have replied to confirm they would not be affected by work on, or close to, the search area. Their responses are enclosed in the following pages for your records.

Landmark® INFORMATION GROUP

Vajare, Adarsh

From: Plantenquiries <plantenquiries@catelecomuk.com>
Sent: 05 December 2017 14:02
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

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

C.A. TELECOM UK LIMITED

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From: Chavan, Praveen [mailto:Praveen.Chavan@atkinsglobal.com] **On Behalf Of** Utility Solutions GDC Requests
Sent: 23 November 2017 14:00
To: Plantenquiries <plantenquiries@catelecomuk.com>; plantenquiries@energetics-uk.com; enquiries@environment-agency.gov.uk; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk;

We have checked CityFibre's website and in this instance your area is not affected.

Vajare, Adarsh

From: Plant Enquiries <plantenquiries@energetics-uk.com>
Sent: 27 November 2017 14:24
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

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

energetics
WE DESIGN • WE BUILD • WE CONNECT

From: Chavan, Praveen [mailto:Praveen.Chavan@atkinsglobal.com] **On Behalf Of** Utility Solutions GDC Requests
Sent: 23 November 2017 14:00
To: plantenquiries@catelecomuk.com; Plant Enquiries <plantenquiries@energetics-uk.com>; enquiries@environment-agency.gov.uk; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizon.com; osp-team@uk.verizonbusiness.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>; online@barnsley.gov.uk
Subject: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

Our Reference: 60207
Site Name: Site off Lund Hill Lane, Barnsley
Works Description: Development Appraisal
Site Grid References: 437419 412187,437591 411958,436932 412666,437339 411709

To whom it may concern,

Please find enclosed a plant enquiry for your attention.

We request plans showing the location of your company's affected plant in relation to the entire site area shown within the boundary on the attached map. Grid references and postcodes relative to the site boundary are provided on the attached map to help you locate the site.

Vajare, Adarsh

From: Incident Communication Service <Incident_Communication_Service@environment-agency.gov.uk>
Sent: 01 December 2017 17:47
To: Utility Solutions GDC Requests
Subject: FW: ICS/NE/1765 Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017
Attachments: Site Details.pdf; Standard_Notice sept 2012.pdf

Our Ref: ICS/NE/1765

Your Ref: 60207

To whom it may concern,

RE: Site off Lund Hill Lane, Barnsley

RE: Request for information under the Freedom of Information Act 2000 (FOIA) / Environmental Information Regulations 2004 (EIR)

Thank you for your enquiry,

We are not aware of any plant within the entire area shown in the boundary on the map provided.

I hope that we have correctly interpreted your request. Please see the attached Standard Notice or licence for details of permitted use.

We respond to requests for recorded information that we hold under the Freedom of Information Act 2000 (FOIA) and the associated Environmental Information Regulations 2004 (EIR).

If you are not satisfied with our response to your request for information you can contact us within 2 calendar months to ask for our decision to be reviewed.

Yours sincerely

Isaac Baggaley

Incident Communication Service
Environment Agency
Part of National Operations

0800 80 70 60

www.environment-agency.gov.uk

Follow us on

From: Chavan, Praveen [mailto:Praveen.Chavan@atkinsglobal.com] **On Behalf Of** Utility Solutions GDC Requests
Sent: 23 November 2017 14:00
To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; Enquiries, Unit <enquiries@environment-agency.gov.uk>; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizon.com; osp-team@uk.verizonbusiness.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>; online@barnsley.gov.uk
Subject: ICS/NE/1765 Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

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

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Vajare, Adarsh

From: plantenquiryservice@gtc-uk.co.uk
Sent: 23 November 2017 19:40
To: Utility Solutions GDC Requests
Subject: GTC Plant Enquiry - Ref- 557083
Attachments: 557083.png

GTC Apparatus Not Found In Search Area

Our Plant Enquiry Service Ref: 557083
Your Enquiry Ref: LM 60207/PC

Dear Chrissy,

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

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

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

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

Your sincerely,

GTC Plant Enquiry Service.

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

NOTE:
This E-Mail originates from GTC, Energy House, Woolpit Business Park, Woolpit, Bury St Edmunds, Suffolk, IP30 9UP
VAT Number: GB688 8971 40. Registered No: 029431.

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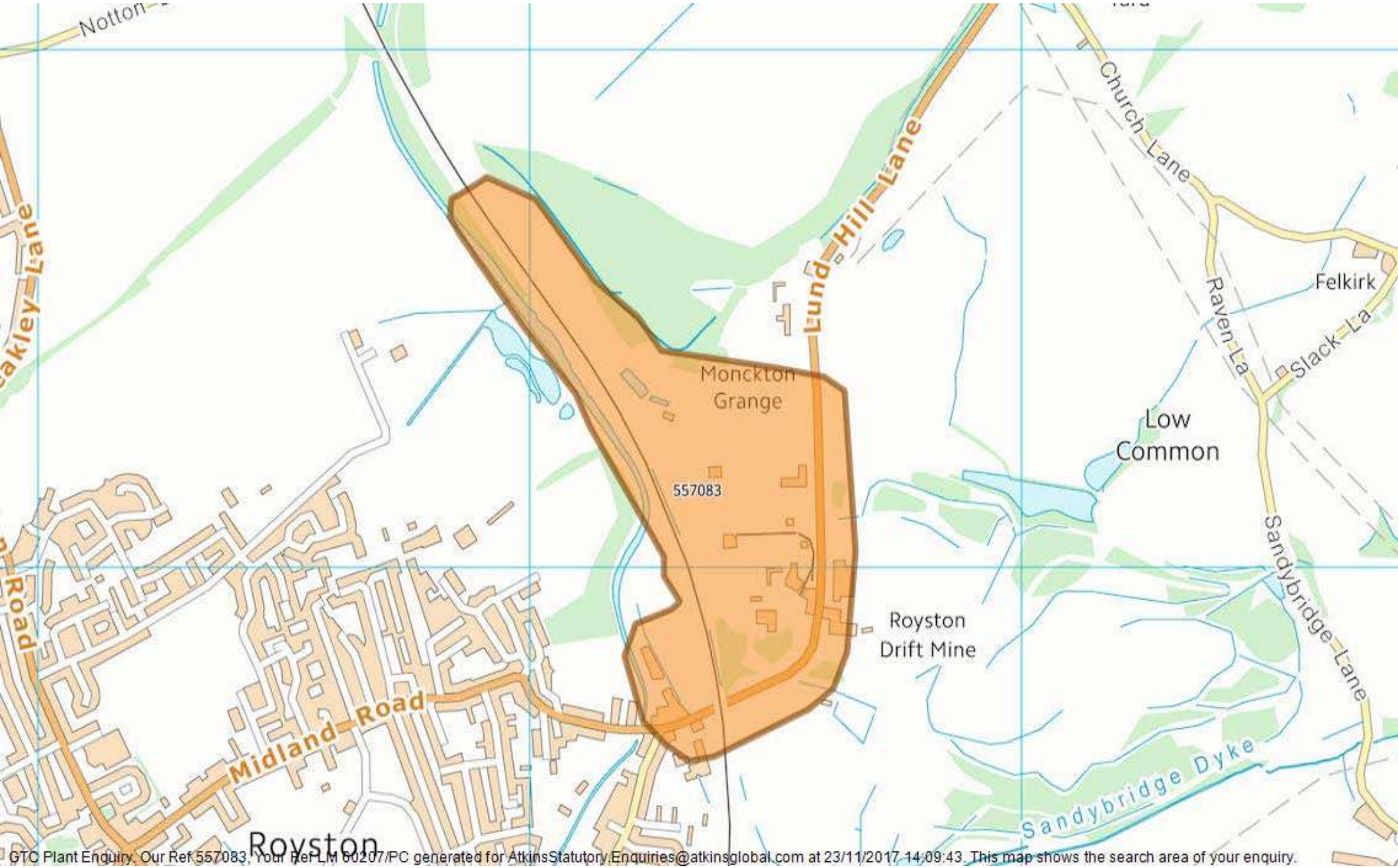
The information in this E-Mail and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies held on your system and notify the sender immediately. You



GTC Plant Enquiry. Our Ref 557083. Your Ref LM 60207/PC generated for AtkinsStatutory.Enquiries@atkinsglobal.com at 23/11/2017 14:09:43. This map shows the search area of your enquiry.

Vajare, Adarsh

From: Plantenquiries <Plantenquiries@instalcom.co.uk>
Sent: 27 November 2017 18:57
To: Utility Solutions GDC Requests
Subject: E11-17-4804 RE: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

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.

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

Regards

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

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

From: Chavan, Praveen [mailto:Praveen.Chavan@atkinsglobal.com] **On Behalf Of** Utility Solutions GDC Requests
Sent: 23 November 2017 14:00
To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; enquiries@environment-agency.gov.uk; Plantenquiries <Plantenquiries@instalcom.co.uk>; opburiedservicesenquiries@networkrail.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizon.com; osp-team@uk.verizonbusiness.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>; online@barnsley.gov.uk
Subject: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

On 30/11/2017 Interoute Vtesse's plant information system was checked to ascertain if your area of interest is affected by Interoute Vtesse plant. In this instance your area of interest was shown to be 'not affected' by Interoute Vtesse plant.

No liability of any kind whatsoever is accepted by Landmark Information Group, its servants or agents, for any error or omission in respect of information contained in this report. The underground services must be verified and established on site before any excavation is carried out.

Enquiry Confirmation

LSBUD Ref: 11695278

Date of enquiry: 23/11/2017
Time of enquiry: 13:58

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	LM 60207/PC		
Enquiry type	Initial Enquiry	Work category	Utility Works
Start date	13/12/2017	Work type	Single excavation site
End date	13/03/2018	Site size	388804 metres square
Searched location	XY= 437410, 412110 Easting/Northing	Work type buffer*	25 metres
Confirmed location	437413 412181		

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

Site Map

Contains Ordnance Survey data © Crown copyright and database right 2016

Enquiry Confirmation

LSBUD Ref: 11695278

Date of enquiry: 23/11/2017
Time of enquiry: 13:58

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

List of affected LSBUD members
No LinesearchbeforeUdig Asset Owners within the Zone of Interest

LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area. Please be aware that LSBUD Members make regular changes to their assets and this list may vary for new enquiries in the same area.

List of not affected LSBUD members		
AWE Pipeline	Gamma	Premier Transmission Ltd (SNIP)
BOC Limited (A Member of the Linde Group)	Gateshead Energy Company	Prysmian Cables & Systems Ltd (c/o Western Link)
BP Exploration Operating Company Limited	Gigaclear PLC	Redundant Pipelines - LPDA
BPA	Humbly Grove Energy	RWEnpower (Little Barford and South Haven)
Carrington Gas Pipeline	IGas Energy	SABIC UK Petrochemicals
CATS Pipeline c/o Wood Group PSN	INEOS FPS Pipelines	Scottish Power Generation
Cemex	INEOS Manufacturing (Scotland and TSEP)	Seabank Power Ltd
Centrica Storage Ltd	INOVYN Enterprises Limited	SGN
CLH Pipeline System Ltd	Intergen (Coryton Energy or Spalding Energy)	Shell (St Fergus to Mossmorran)
Concept Solutions People Ltd	Mainline Pipelines Limited	Shell Pipelines
ConocoPhillips (UK) Ltd	Manchester Jetline Limited	SSE (Peterhead Power Station)
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
Electricity North West Limited	National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	UK Power Networks
ENI & Himor c/o Penspen Ltd	Northumbrian Water Group	Uniper UK Ltd
EnQuest NNS Limited	NPower CHP Pipelines	Vattenfall
EP Langage Limited	Oikos Storage Limited	Veolia ES SELCHP Limited
ESP Utilities Group	Ørsted	Western Power Distribution
ESSAR	Perenco UK Limited (Purbeck Southampton Pipeline)	Westminster City Council
Esso Petroleum Company Limited	Petroineos	Wingas Storage UK Ltd
Fulcrum Pipelines Limited	Phillips 66	Zayo Group UK Ltd c/o JSM Group Ltd

Vajare, Adarsh

From: Interoute Enquiries <interoute.enquiries@plancast.co.uk>
Sent: 23 November 2017 19:50
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

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

To whom it may concern

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

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

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

All responses are only vaild for 28 days

Yours faithfully

PLAN*CAST* Plant Enquiry Department

The Old Haybarn
Rosebery Mews, Mentmore
Bedfordshire LU7 0UE

T: 01296 662647
www.plancast.co.uk

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From: Chavan, Praveen [mailto:Praveen.Chavan@atkinsglobal.com] **On Behalf Of** Utility Solutions GDC Requests
Sent: 23 November 2017 14:00
To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; enquiries@environment-agency.gov.uk; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; Interoute Enquiries <interoute.enquiries@plancast.co.uk>; nrswa@sky.uk; assetrecords@utilityassets.co.uk; osp-

Vajare, Adarsh

From: NRSWA <NRSWA@sky.uk>
Sent: 24 November 2017 17:40
To: Utility Solutions GDC Requests
Subject: Sky Telecommunications Services Ltd Plant Enquiry - PEN-17-11-3397 : ATKINS - Utility Solutions - 60207

Attention: ATKINS - Utility Solutions - ATKINS - Utility Solutions

Dear Sir/Madam,

RE: Lund Hill Lane, Barnsley

Thank you for your enquiry.

Please be advised that Sky Telecommunications Services Ltd will not be affected by these works.

Best endeavours have been made to ensure accuracy, however if you require further information, please contact us.
If you would like to submit your plant enquiries electronically, please send them to nrswa@sky.uk

Please be advised that our fax number has changed to 0207 032 3252.

Regards

NRSWA Department
Network Infrastructure and Planning
SKY Telecommunications Services Ltd
70 Buckingham Avenue
SLOUGH
SL1 4PN

T +44 (0) 207 032 3234/250
F +44 (0) 207 032 3252
E nrswa@sky.uk

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We have checked SSE's website and in this instance your area is not affected.

We have checked Trafficmaster's website and in this instance your area is not affected.

Vajare, Adarsh

From: UK OSP-Team <osp-team@uk.verizon.com>
Sent: 18 December 2017 19:48
To: Lee, Georgia
Cc: UK OSP-Team
Subject: RE: Plant Enquiries - Verizon 12 LM 60207

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 E.mail osp-team@uk.verizon.com

From: Lee, Georgia [mailto:Georgia.Lee@atkinsglobal.com]
Sent: 18 December 2017 10:13
To: UK OSP-Team
Subject: Plant Enquiries - Verizon 12

Good Morning,

Hope you are well!

I have attached another batch of plant enquiries – Verizon 12.

In the file it contains the maps for each enquiry which holds information of the site name, postcode, grid reference and our reference.
Please could you respond for each one individually, I am aware there are a lot to do so I would appreciate a response within the next couple of days.

Your help is much appreciated, as always.

Any issues, please get in touch.

Kind Regards,

Georgia Lee
Utility Coordinator, Utility Solutions

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

Landmark®
INFORMATION GROUP

On 21/11/2017 Virgin Media's plant information system was checked to ascertain if your area of interest is affected by Virgin Media plant. In this instance your area of interest was shown to be 'not affected' by Virgin Media plant.

An additional response from Virgin Media in relation to your area of interest is available on request from £43 + VAT for areas up to 1km2. The rate for searches for sites larger than 1km2 is available upon request from Landmark Customer Services.

No liability of any kind whatsoever is accepted by Landmark Information Group, its servants or agents, for any error or omission in respect of information contained in this report. The underground services must be verified and established on site before any excavation is carried out.

Vajare, Adarsh

From: Subramanian, Devendran
Sent: 07 December 2017 11:10
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

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

Many thanks.

Plant Enquiries Team
T: +44 (0)1454 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 Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK, Energis Communications Limited, Thus Group Holdings Plc and Your Communications Limited.

PLEASE NOTE:

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

IMPORTANT - PLEASE READ:-
Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered, where apparatus is affected. Where apparatus is affected and requires diversion, you must submit draft details of the proposed scheme with a request for a 'C3 Budget Estimate' to c3requests@vodafone.com These estimates should be provided by Vodafone normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 (using the 'forward' option).

Please consider the environment before printing this e-mail

From: Chavan, Praveen **On Behalf Of** Utility Solutions GDC Requests
Sent: 23 November 2017 19:30
To: plantenquiries@catelecomuk.com; plantenquiries@energetics-uk.com; enquiries@environment-agency.gov.uk; plantenquiries@instalcom.co.uk; opburiedservicesenquiries@networkrail.co.uk; interoute.enquiries@plancast.co.uk; nrswa@sky.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizon.com; osp-team@uk.verizonbusiness.com; National Plant Enquiry's <OSM.enquiries@atkinsglobal.com>; online@barnsley.gov.uk
Subject: Plant Enquiry - 60207 - Site off Lund Hill Lane, Barnsley - Please respond by 13/12/2017

Our Reference: 60207
Site Name: Site off Lund Hill Lane, Barnsley
Works Description: Development Appraisal
Site Grid References: 437419 412187,437591 411958,436932 412666,437339 411709

To whom it may concern,

Please find enclosed a plant enquiry for your attention.

SearchCode

Important Consumer Protection Information

This search has been produced by Landmark Information Group Ltd, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD.

Tel: 0844 844 9966
Fax: 0844 844 9980
Email: helpdesk@landmark.co.uk

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- Monitor their compliance with the Code.

Complaints

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award compensation of up to £5,000 to you if he finds that you have suffered actual loss as a result of your search provider failing to keep to the Code.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk

You can get more information about the PCCB from www.propertycodes.org.uk.
PLEASE ASK YOUR SEARCH PROVIDER IF YOU WOULD LIKE A COPY OF THE SEARCH CODE

Complaints Procedure

If you want to make a complaint, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

Complaints should be sent to:

Landmark Information Group Ltd
Landmark UK Property
Imperium
Imperial Way
Reading
RG2 0TD

Tel: 0844 844 9966
Email: helpdesk@landmark.co.uk
Fax: 0844 844 9980

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman Scheme (TPOs):

Tel: 01722 333306
Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.