



Peel Holdings

Proposed development at GM Allocation 7

Utility Statement Revision v2

Introduction

Introduction

This report has been re-issued under the instruction Peel Investments. The utility points of connection have not been re-validated and it can be assumed that the original loads and connections are still available on the local network.

This Utility Statement has been prepared by Technical and Development Services (Northern) Ltd on behalf of Peel Investments in connection with a land purchase tender for development of the land surrounding Elton Reservoir, Bury/Radcliffe. This is GM Allocation 7

North Site:

The co-ordinates are : 378543, 409014 (centre of site)



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1.0 Existing Utility Companies

1. The following companies were approached to establish whether they had existing plant with the surrounding area for the proposed development:-

2.

United Utilities		Yes
National Grid		Yes
GTC		Yes – awaiting plans
ENW		Yes
BT		Yes
City Fibre		Not Affected
Colt / CA Telecom		Not Affected
Energetics Electricity		Not Affected
Engie		Not Affected
GTT Hibernia		Not Affected
Instalcom		Not Affected
Interoute		Not Affected
MBNL		Awaiting Response
Network Rail		Awaiting Response
Sky UK		Not Affected
Tata KPN		Awaiting Response
Utility Assets		Awaiting Response
Verizon		Not Affected
Virgin Media		Not Affected
Vodafone		Not Affected
Vtesse Networks		Not Affected
Zayo		Not Affected

The host asset companies with in the area who will operate and maintain the networks are as follows:-

- Water – United Utilities
- Electricity – ENW
- Gas – National Grid
- Telecommunication – BT/Openreach

Please see Appendix I for full details.

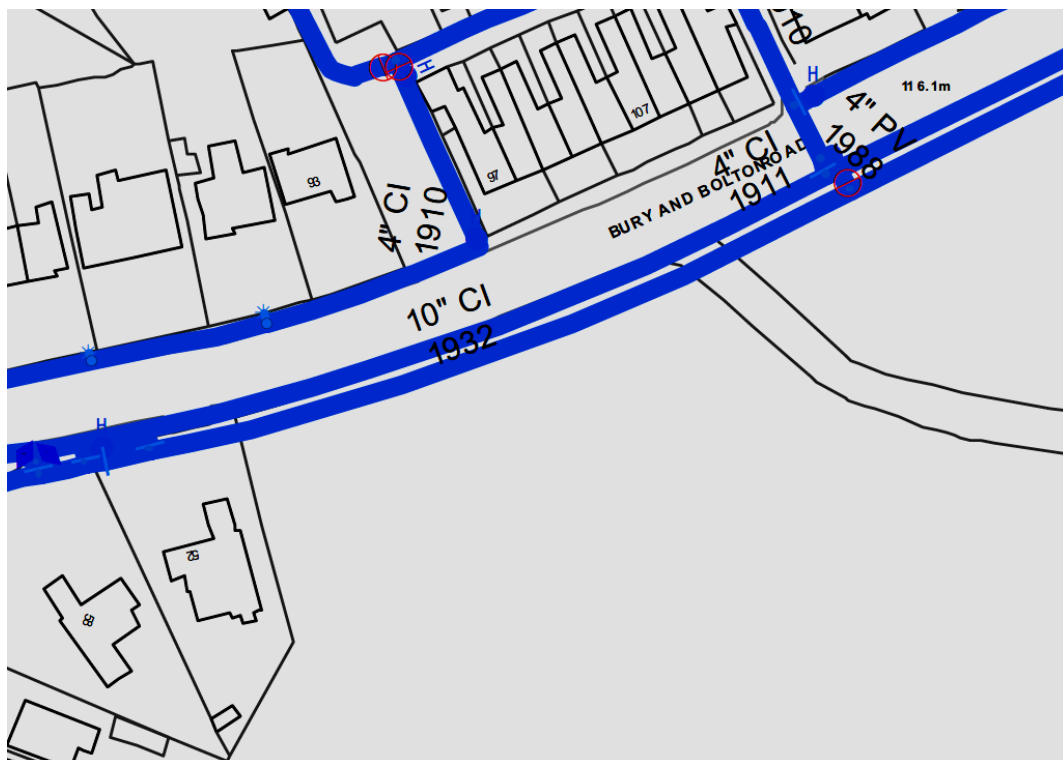
2.0 Review of Existing Utility Infrastructure

2.1 General

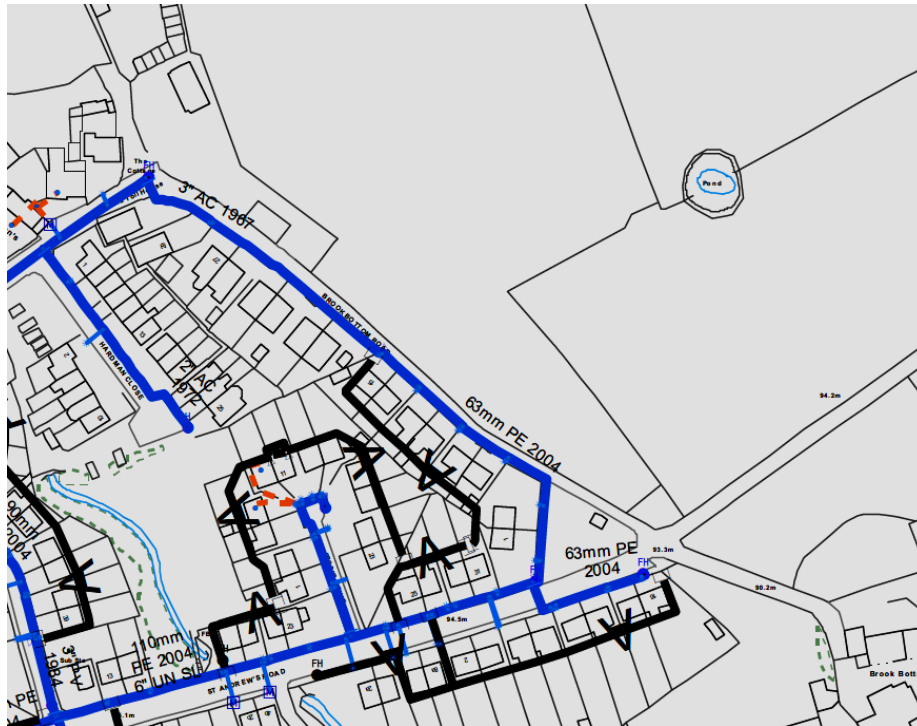
From the information received to date from the various utility companies it has been ascertained that several utilities are located in the surrounding road network and within the proposed development.

2.2 Existing Water Infrastructure

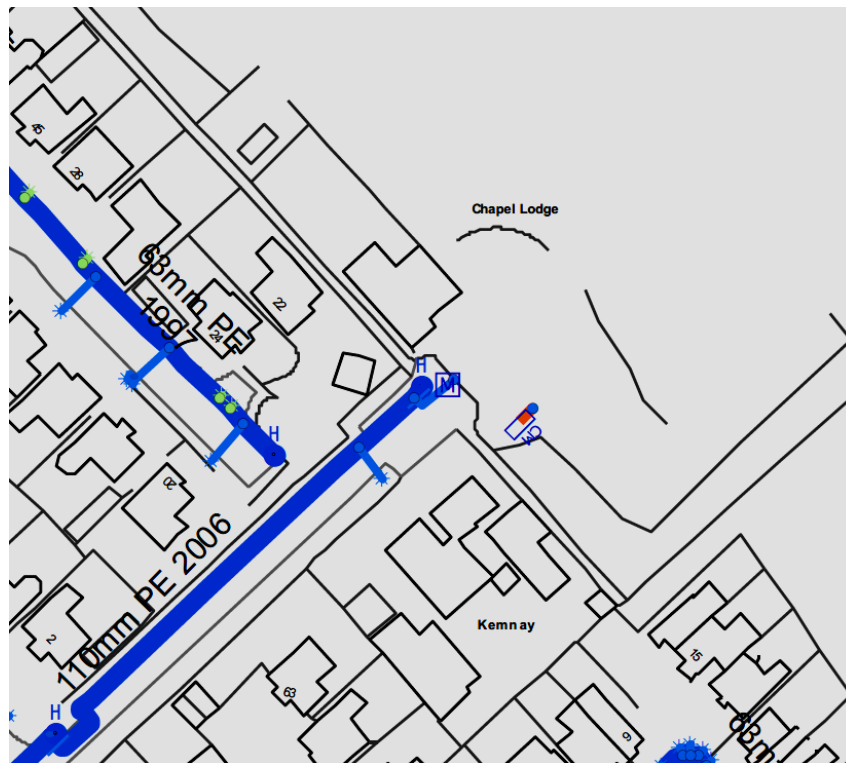
There are two UU water mains which run along Bury and Bolton Road (development side). Firstly, a 10" Cast Iron main runs within the development boundary and runs parallel to the footpath. The second main is a 4" Cast Iron main which runs within the footpath.



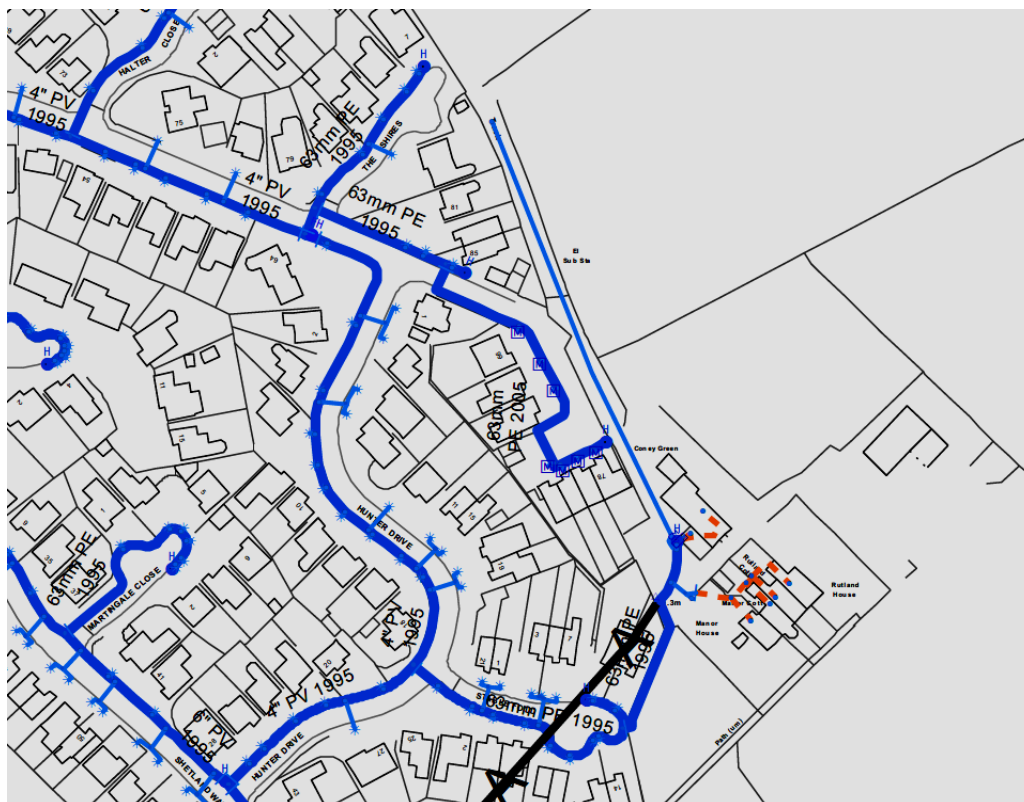
There is a 3" AC / 63mmPE main which runs along Brookbottom Road (opposite side to development). Additionally there is a further 63mm PE main which runs along St. Andrews Road and terminates outside no. 10 St. Andrews Road.



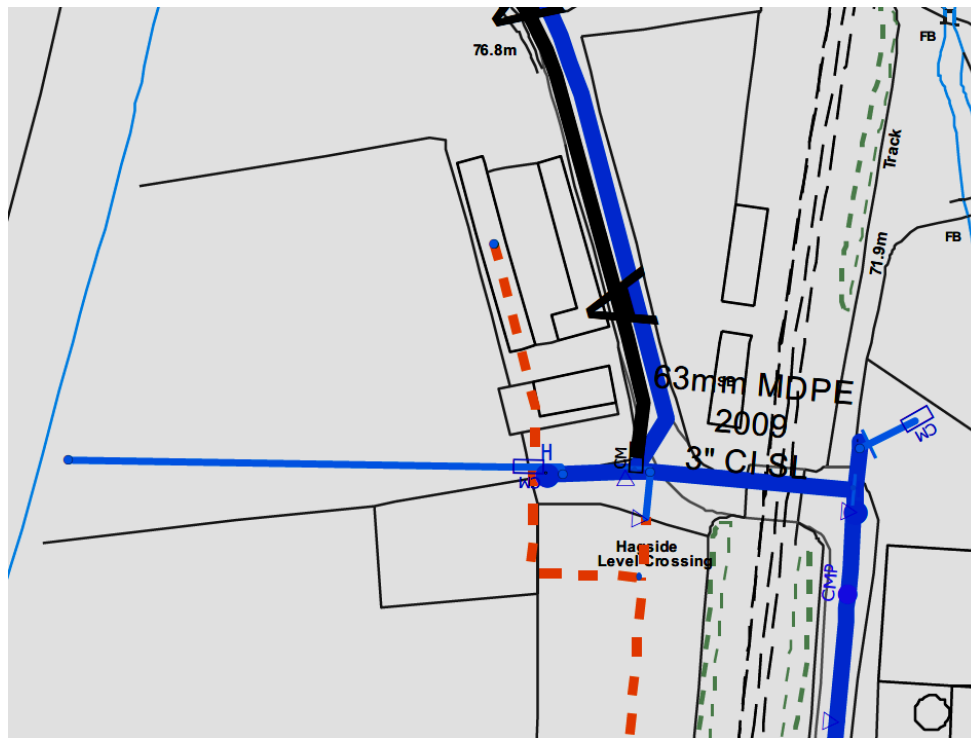
There is a 110mm PE main which runs along Cemetery Road and terminates at the cemetery entrance/Chapel Lodge. This main terminates at an hydrant with a main leading to the boundary of the cemetery and a meter. Additionally, there is a commercial meter shown on United Utilities plans within the proposed development site (gable end of property named Kemnay).



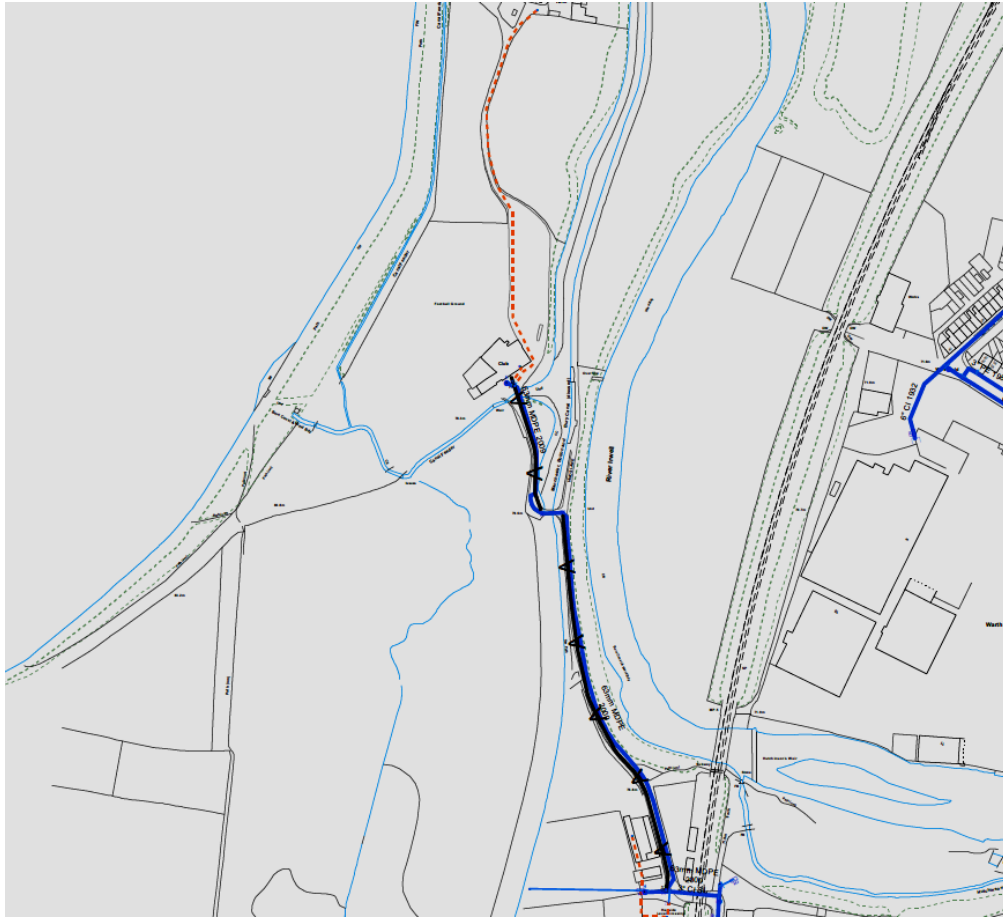
There is a 63mm PE main which runs around the gable end of no. 11 Hunter Drive and terminates at a hydrant at the property named Coney Green. There is also a service pipe to Manor House from this main. Additionally, there is a service pipe which runs North (adjoining the proposed development for approximately 122 metres) and terminates to the rear of no. 2 The Shires.



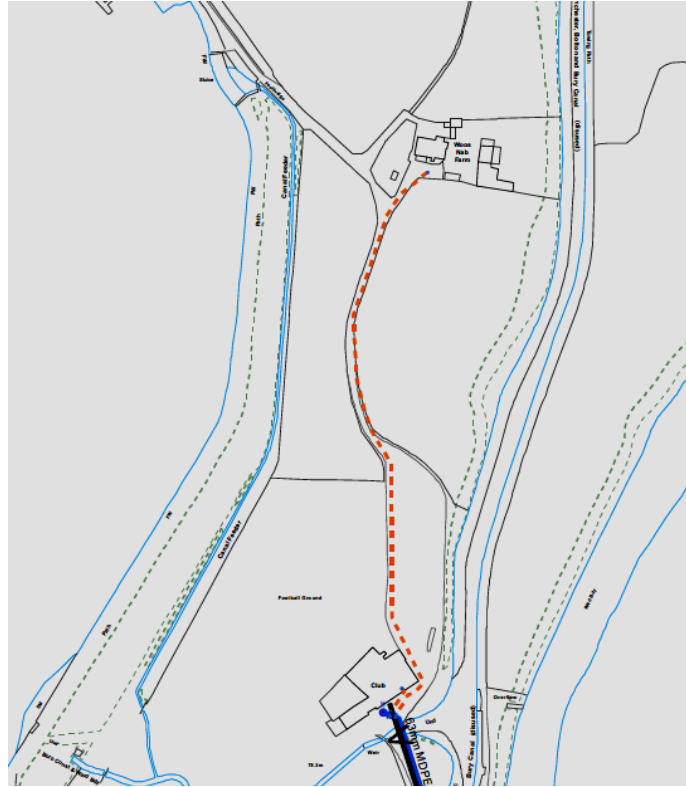
There is a 3" cast iron (63 mm PDE) main which runs from under the metrolink tram line on the eastern side of the proposed development across Hagside Level Crossing and has two commercial meters adjoining the first property directly to the west. Additionally, a service pipe runs further directly to the west to the canal.



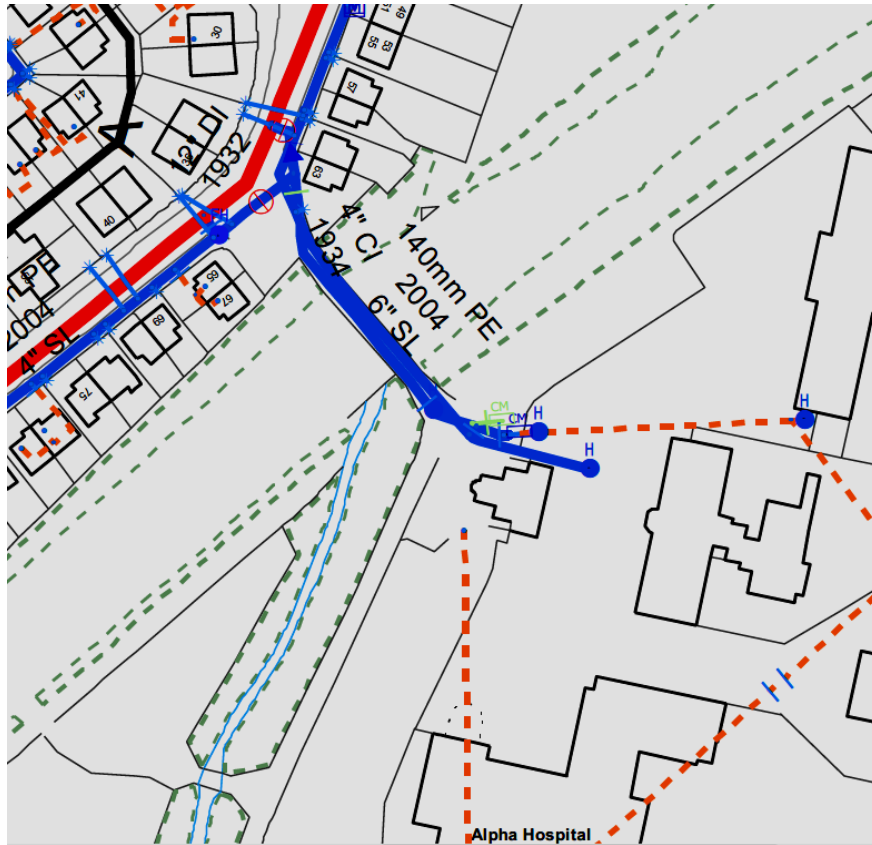
The 63mm mpde main runs North along Hinds Lane and terminates at an hydrant outside the former football club (demolished). Additionally, an abandoned main runs alongside this main.



A service pipe runs northwards from the demolished football club to service properties at Woos Nab Farm. Therefore this main is taken to be still live.



To the North West corner to the proposed development there are 2 mains which adjoin the site. These mains (a 4" CI main and a 6" SL main) both run from between 63 and 65 Butler Street South East to the alpha hospital when there are various service pipes crossing between building (but remaining entirely within hospital grounds).



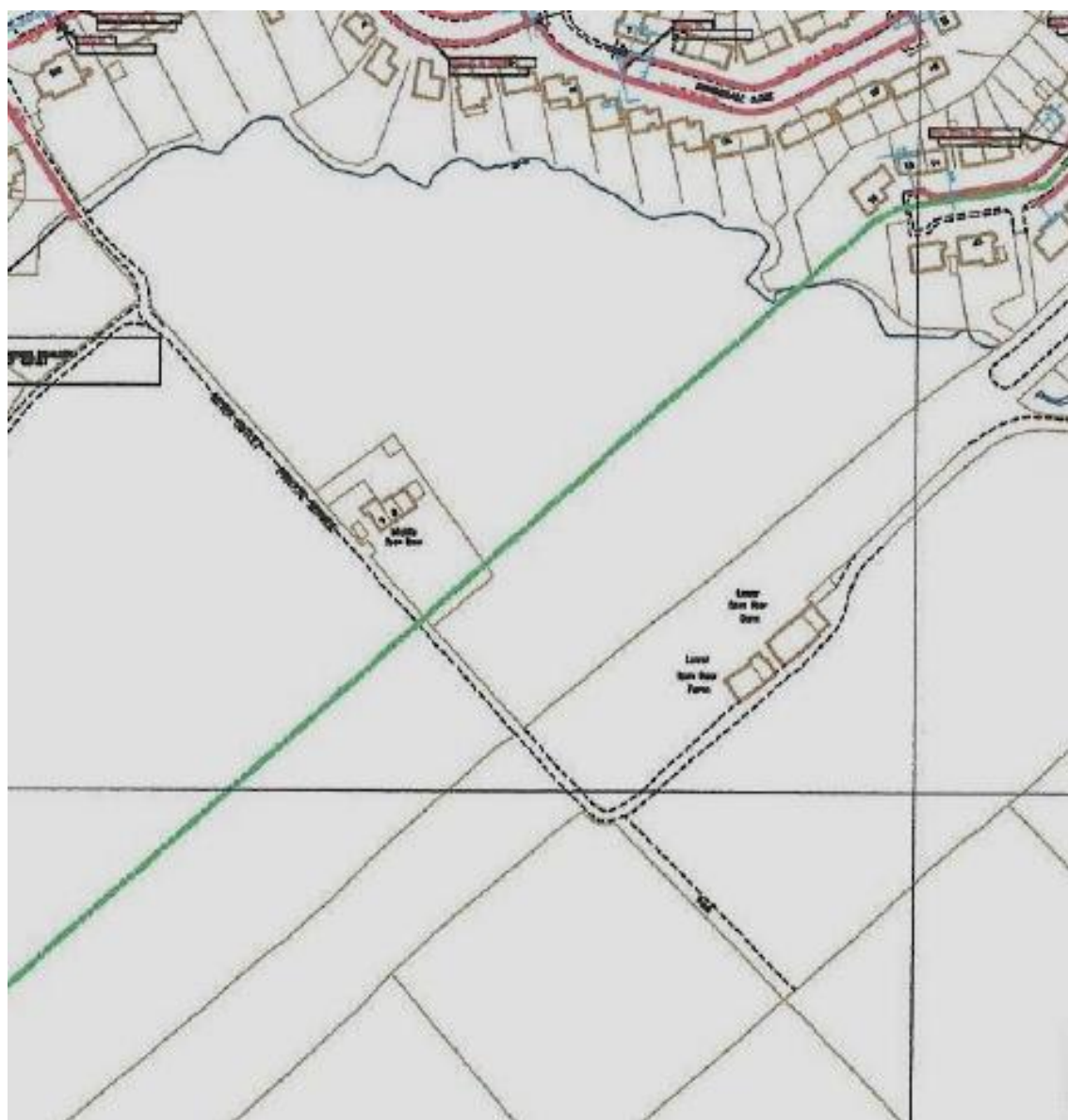
2.3 Existing Gas Infrastructure

IP Main Crossing Site:

There is an existing Intermediate Pressure (IP) main which enters the proposed development from Higher Ainsworth Road and the end of the cul-de-sac for Burnside Close prior to crossing the development and exiting the proposed development through the private garden of no. 18 Henley Close.

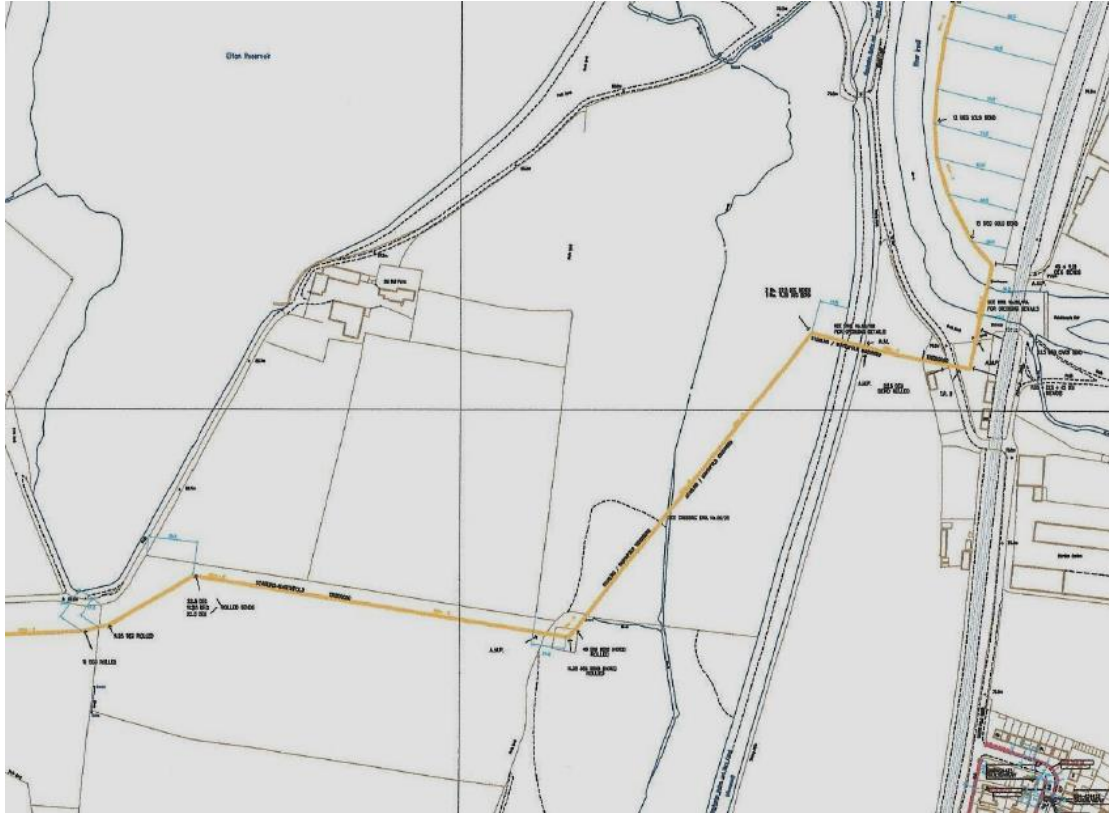
LP MAINS	—
MP MAINS	—
IP MAINS	---
LHP MAINS	---
NHP MAINS	---





LHP Main Crossing Site

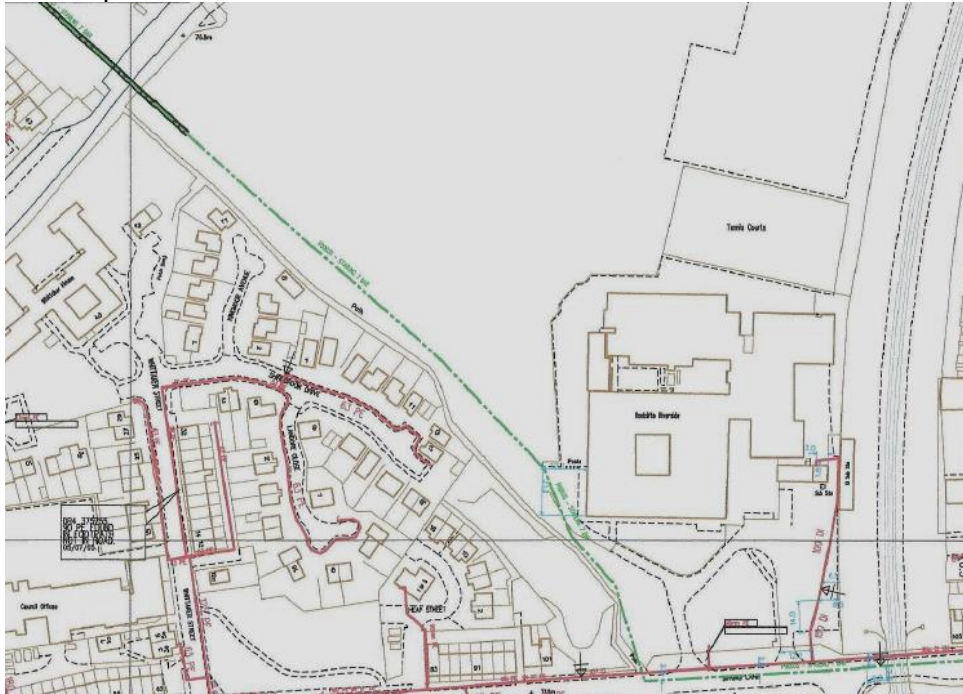
There is a LHP Main which enters the proposed development from Higher Ainsworth Road along Miller Street and crosses the site before exiting the proposed development after crossing Hinds Lane



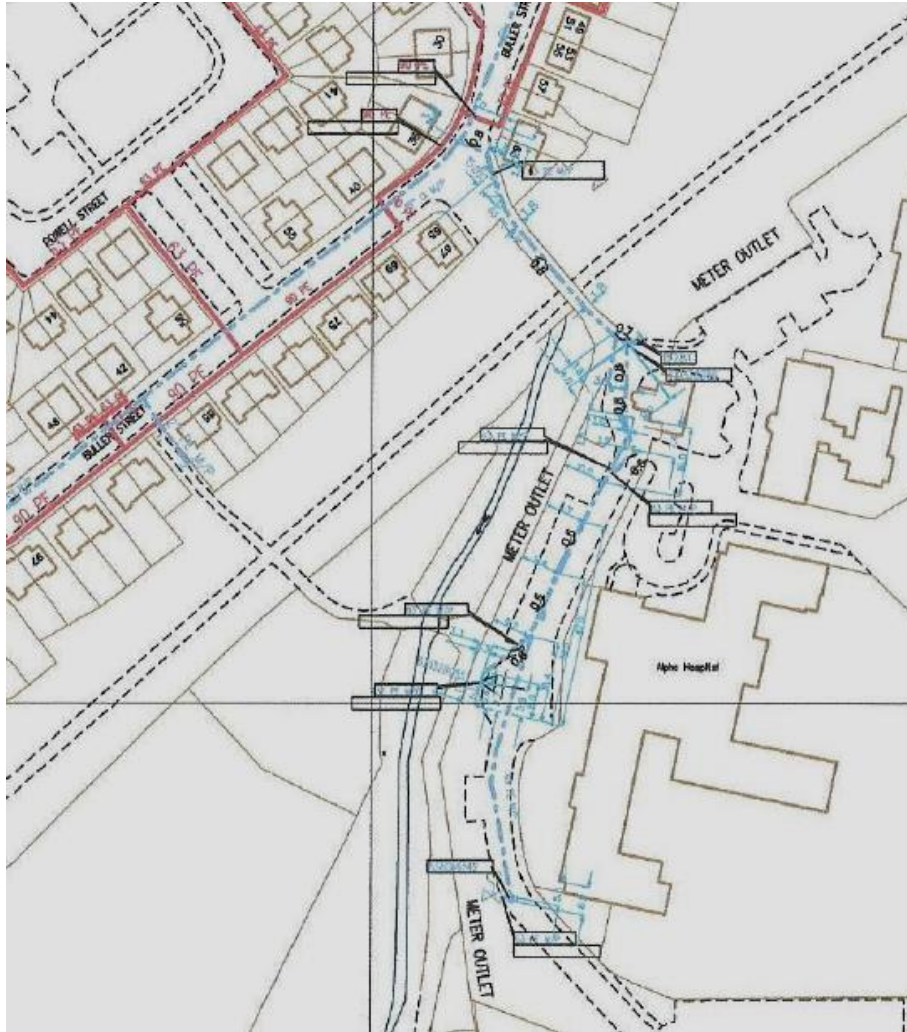
There is a Medium Pressure main which is within the footpath (proposed development side) on the site boundary to Bury and Bolton Road.



There is a IP main which runs from Spring Lane to the Western side of Radcliffe Leisure Centre and runs North West parallel to the pathway (Banana Path) before exiting the proposed development.



Additionally, there are Medium pressure mains which run within the carriageway access to Alpha/Cygnat Hospital (to North East corner of proposed development) prior to entering the hospitals private land and terminating.



2.4 Existing GTC Infrastructure

GTC have confirmed they have apparatus in or adjoining the site area but have not yet provided detailed asset plans. We await their response and have followed up the enquiry on 5/4/17.

APPARATUS EXISTS IN THIS AREA

Our Plant Enquiry Service Ref: 402481

Your Enquiry Ref: N/A

Dear David,

Result List:

Network Reference Utility Type

N8005412 Gas

N7014487 Gas

N7036411 Gas

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work. **Our enquiries team will email you with the drawings locating our assets in the area you identified.**

This information is for guidance only and the precise position of the plant must be established, prior to your works, using hand-digging methods only. The contractor will be held responsible for any damage caused to our asset. 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 Ltd

2.5 Existing National Grid Electricity Infrastructure

We still await a formal response from National Grid Electricity. However, it has been noted from ENWL asset plans and online mapping services that there are pylons stationed on the development with overhead lines crossing the development. In total ENWL maps indicate that there are 5 pylons within the proposed site boundary and one which adjoins site on West boundary.





3 pylons within centre of proposed development (view from West to East).

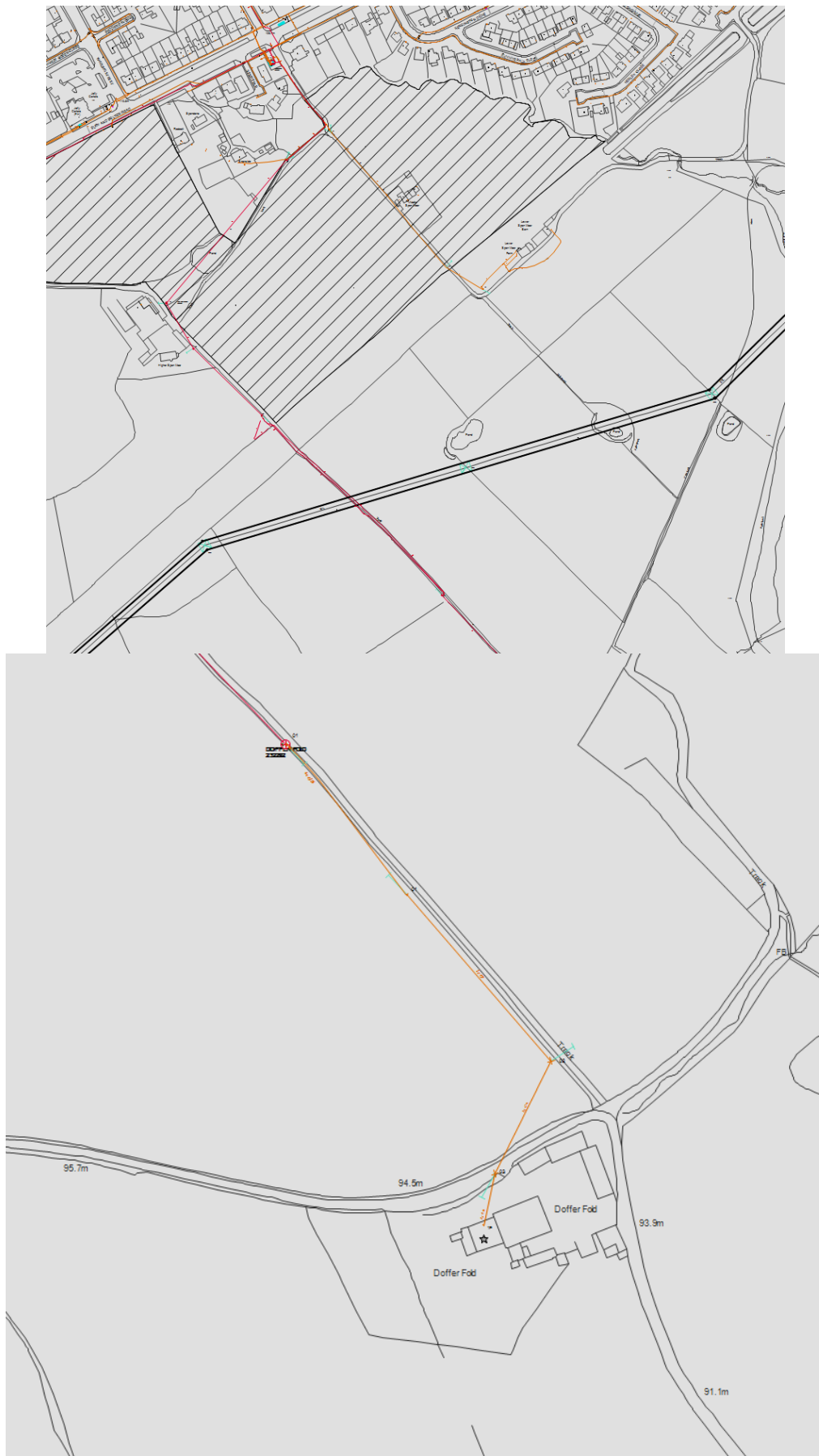


2.6 Existing Electrical Infrastructure

There is a HV and LV cables which runs in the footpath along Bury and Bolton Road (development side). Additionally, a LV main runs along the access road to Higher Spen Moor adjoining the proposed for approximately 18 metres.



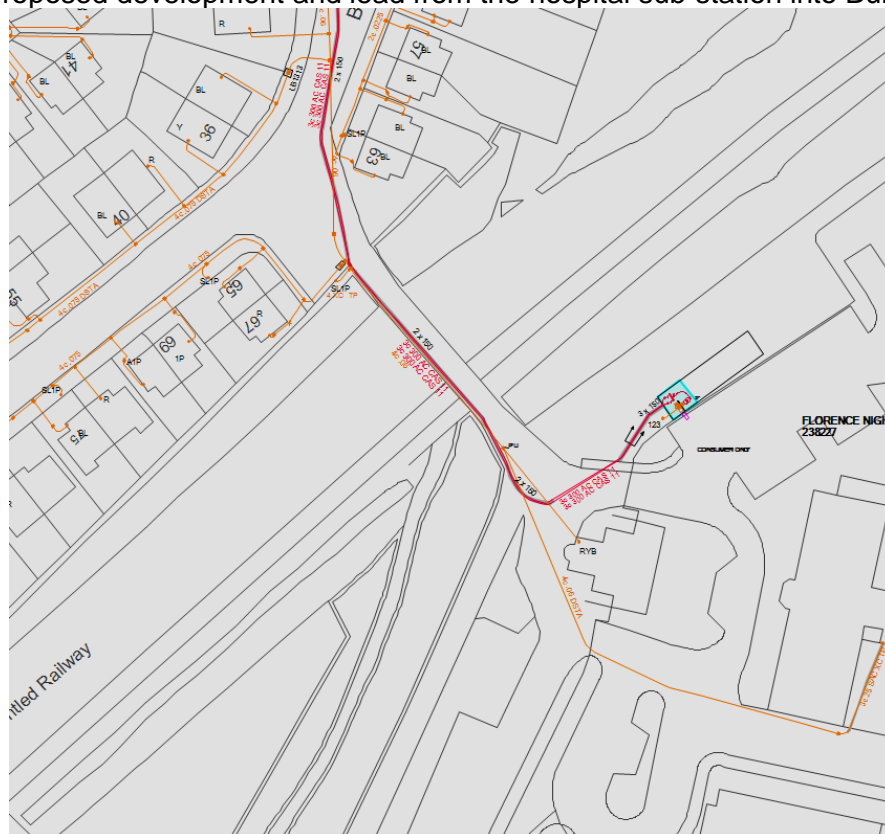
There is also a overhead HV cable which runs from the rear of Spenside to Higher Spen Moor and then continues to run in a South East direction along the farm track. This cable becomes a LV cable approximately 145 metres from Doffer Fold and terminates at Doffer Fold.



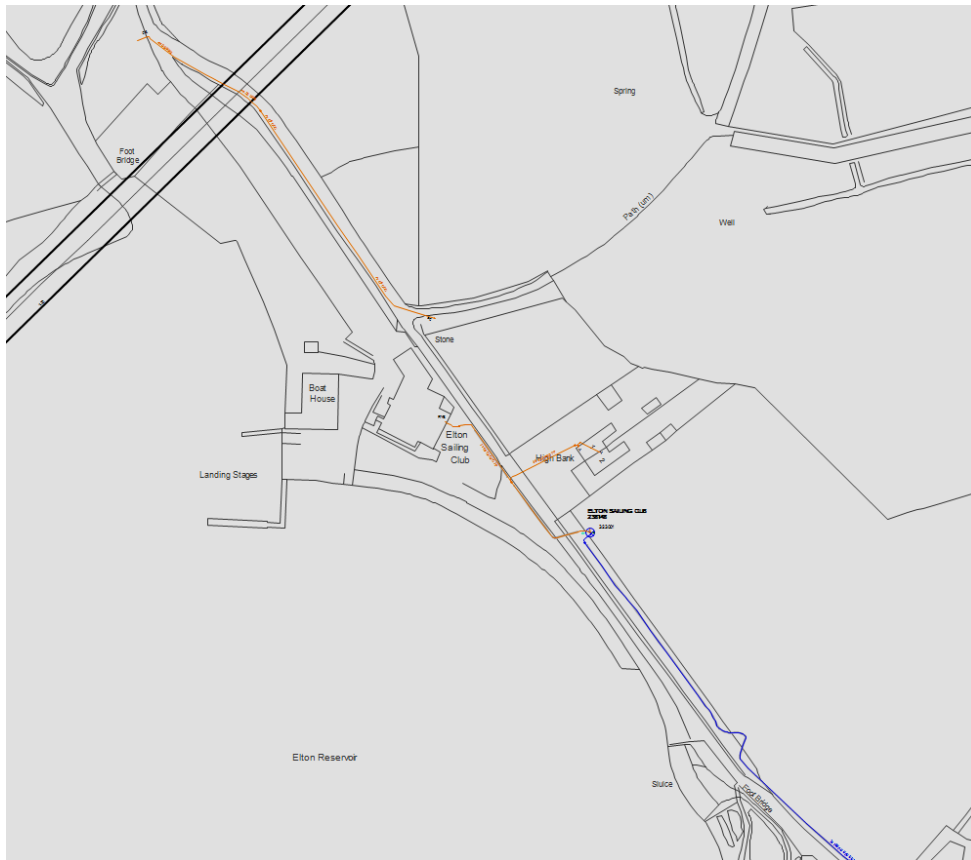
There are also LV cables which serve Lower Spen Moor Farm and Barn and are fed from the track way which leads to Bury and Bolton Road (to the North West).



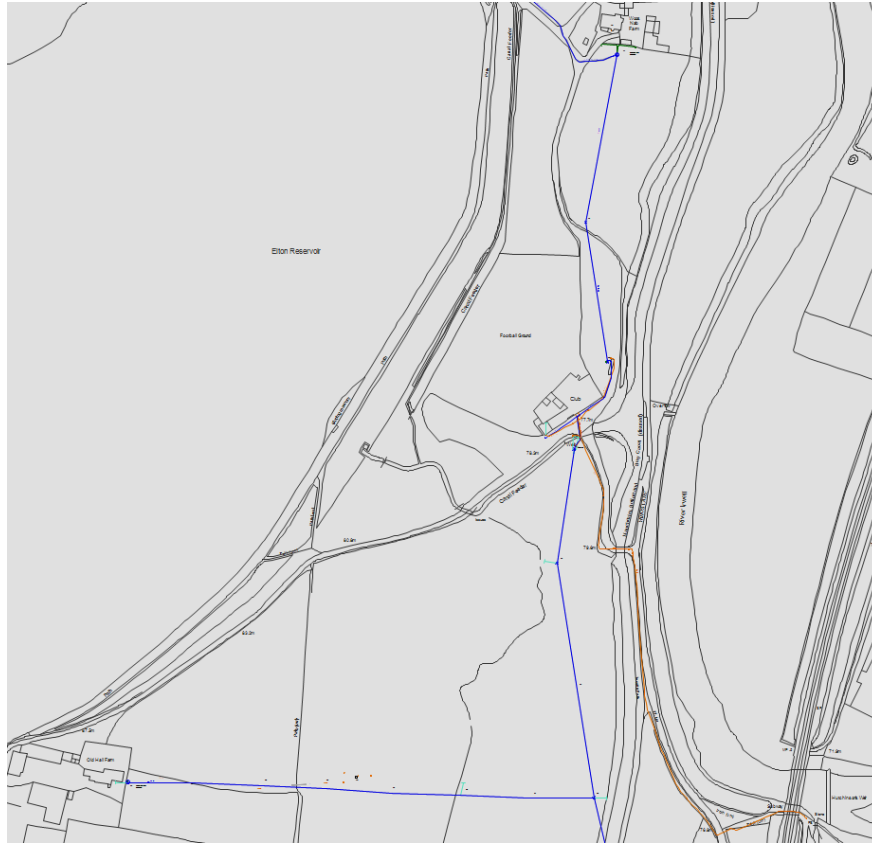
To the North West corner of the proposed development there are HV and LV cables which adjoin the proposed development and lead from the hospital sub-station into Buller Street.



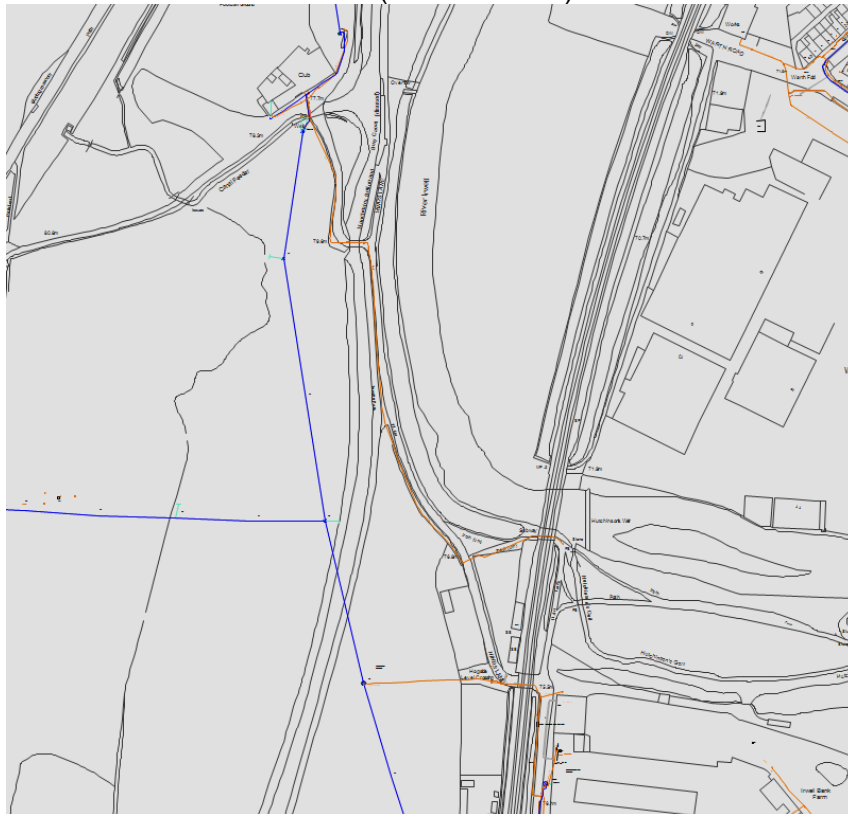
Elton Sailing Club and High Bank properties have Overhead LV cables running to them from a pole approximately 6.5 metres to South East Boundary of no. 2 High Bank. From this pole a HV (6.6KV) cables travels to the South.

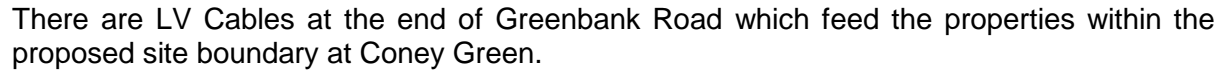


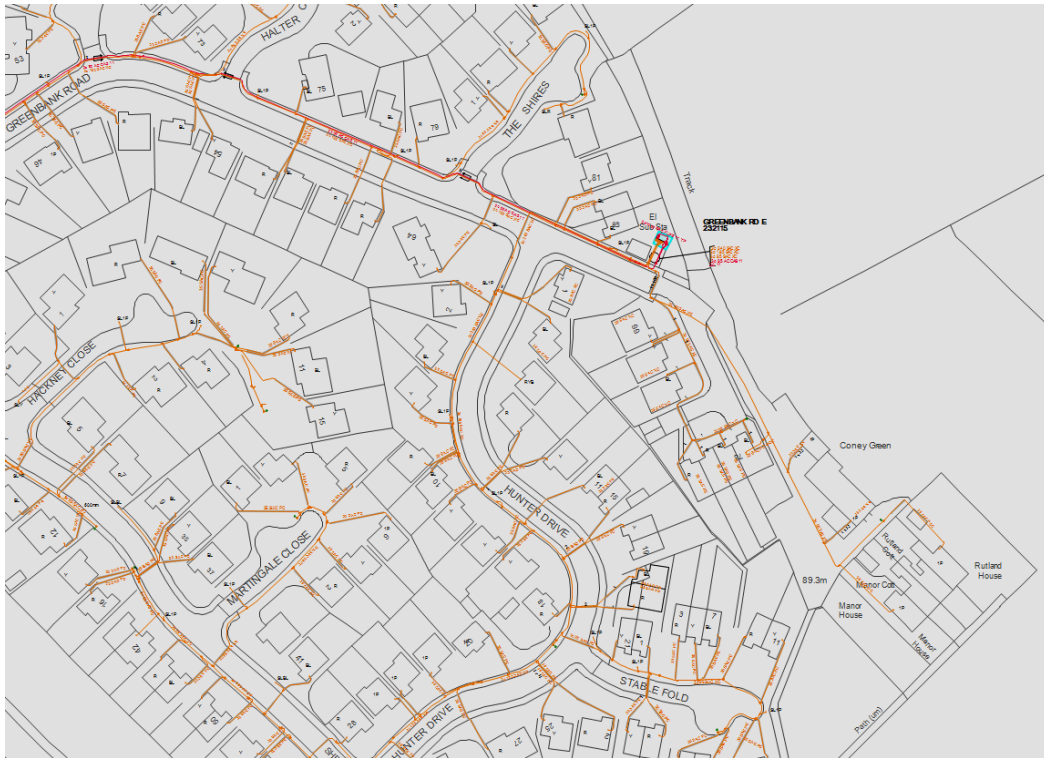
This HV cable follows the trackway to the south from No. 2 High Bank and to Woos Nab Farm, Football club (demolished), and Old Hall Farm (all with LV Connections) prior to crossing the metrolink track opposite junction of Warth Fold Road and Kingston Road.



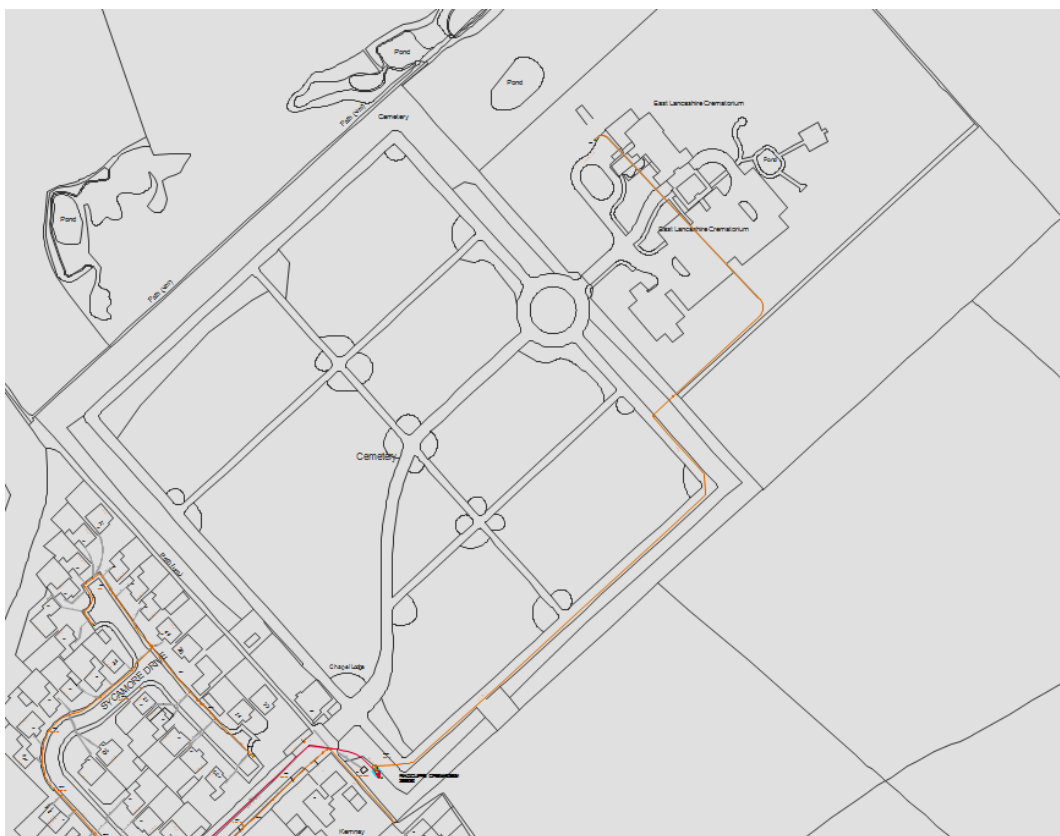
There is also a LV cable which runs along the boundary of Hinds lane / proposed development from the demolished football club and exits the proposed development at point where metrolink track crosses River Irwell (southern side).







There is an LV cable which runs into the properties at East Lancashire Crematorium at the end of Cemetery Road.



There is also a sub-station within the grounds of the cemetery and a high voltage cable which runs to the sub-station from Cemetery Road.

2.7 Existing BT Infrastructure

There is a BT network underground network within footpath of Bury and Bolton Road (opposite side to development). There is also an overhead service which crosses Bury and Bolton Road (to development side) and has a pole adjoining the development.



This BT overhead pole service then runs along the trackway to High Spen Moor and serves those buildings with 4 poles adjoining the boundary of the proposed development and a further pole within the development.



There is also a BT Overhead service which runs from Bury and Bolton Road and enters the proposed site boundary (with 2 poles within boundary) to provide service to Lower Spen Moor Farm.



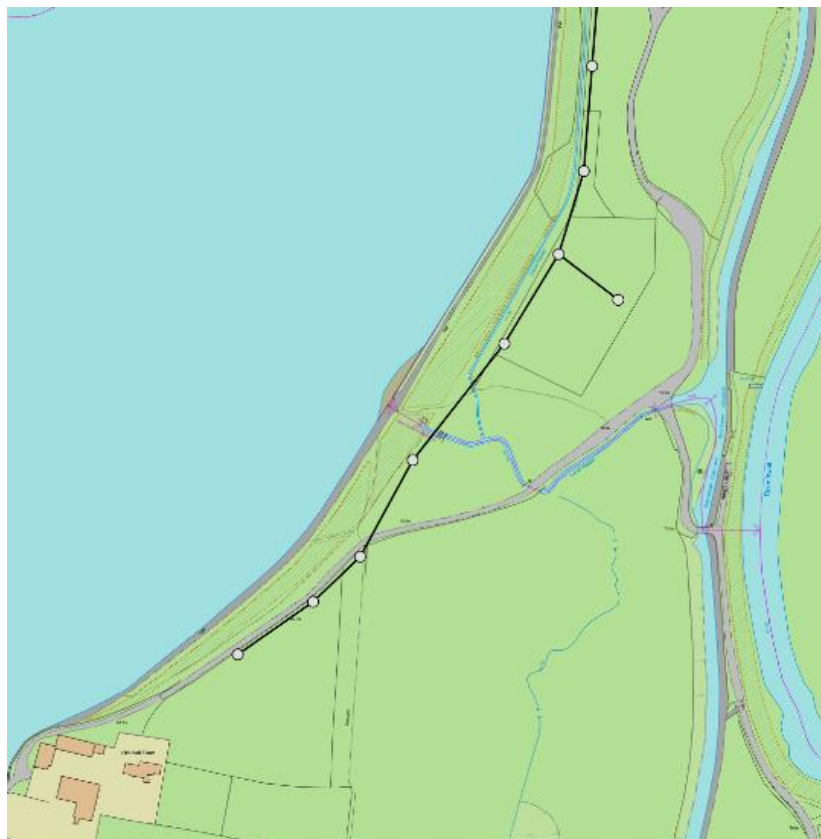
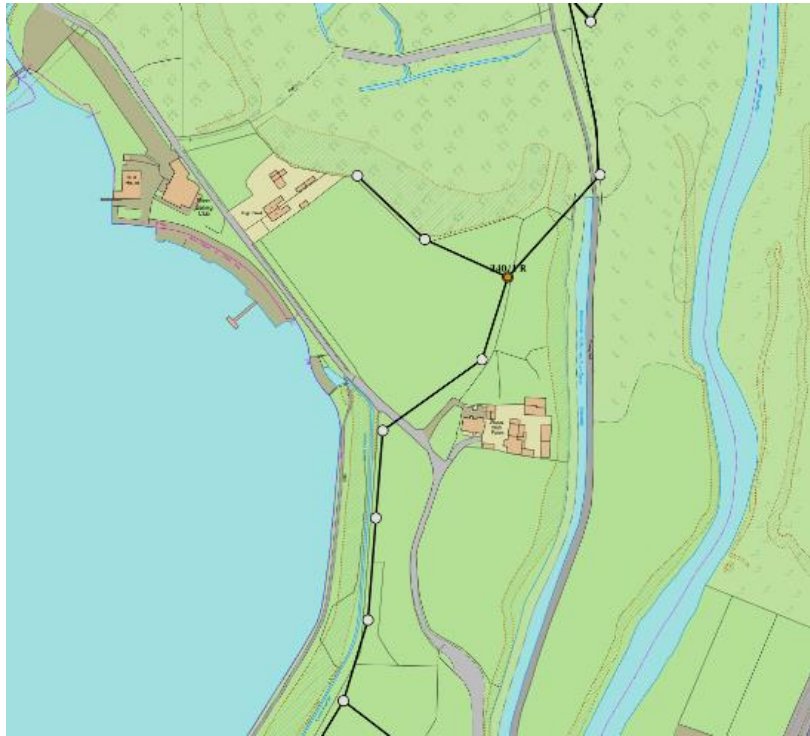
To the North East corner of the proposed development, there is a BT overhead which has 2 poles which adjoin the site (with the connecting cable crossing the proposed development).



To the east of Elton Reservoir there is a BT Overhead service which runs into the proposed development site from the North East of the adjoining land and serves High Bank properties/Sailing Club and Woos Nab Farm.



This overhead service continues to run parallel to the reservoirs southern boundary prior to terminating at a pole approximately 75 metres from Old Hall Farm. In total there are approximately 15 poles within the proposed site boundary.



There is a BT overhead and underground apparatus which enter the proposed site from the side of Withins Mill (opposite Withins Lane) and continues to Crow Trees Farm where it

terminates. Additionally there is an overhead spur which runs along the towpath (southern side) of the Manchester Bolton and Bury Canal for approximately 50 metres from main trackway to Crows Trees Farm.



BT's plans indicate that there is an existing underground service along Cemetery Road which terminates at a chamber at the entrance to Radcliffe Cemetery. These plans also show a planned underground network to the main cemetery buildings (following main central pathway).



There is a BT Overhead service on Brookbottom Road (with a pole outside no. 27) and also a underground service running to this pole from outside no. 3 where a chamber is also shown on BT apparatus plans.

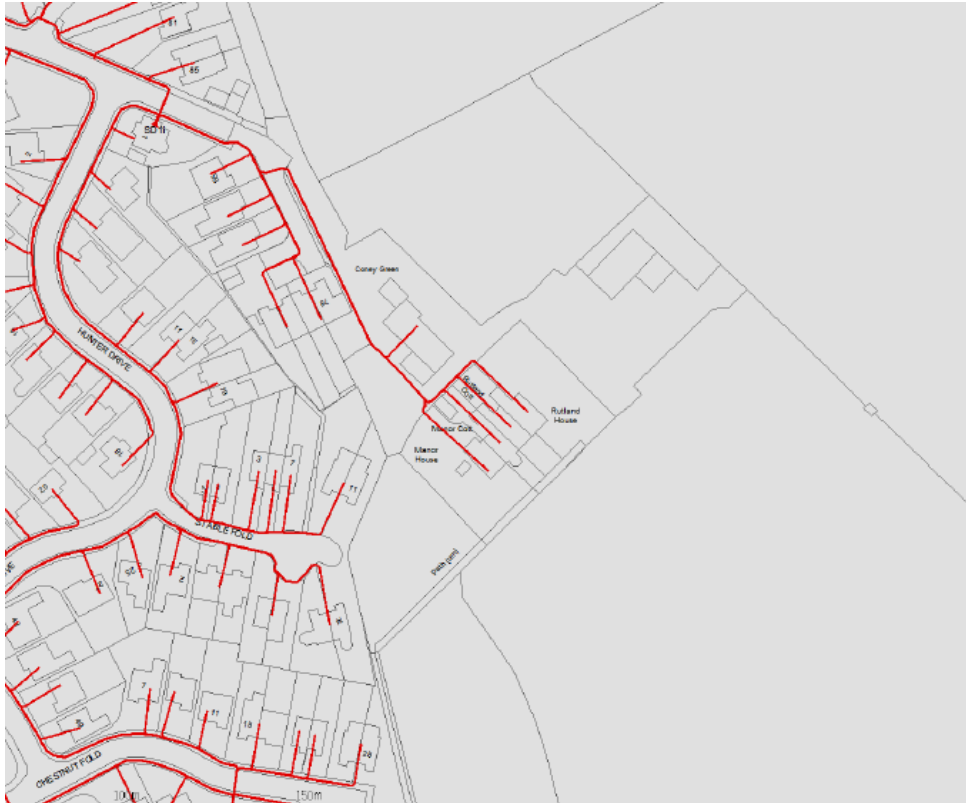


2.8 Other Communications Infrastructure

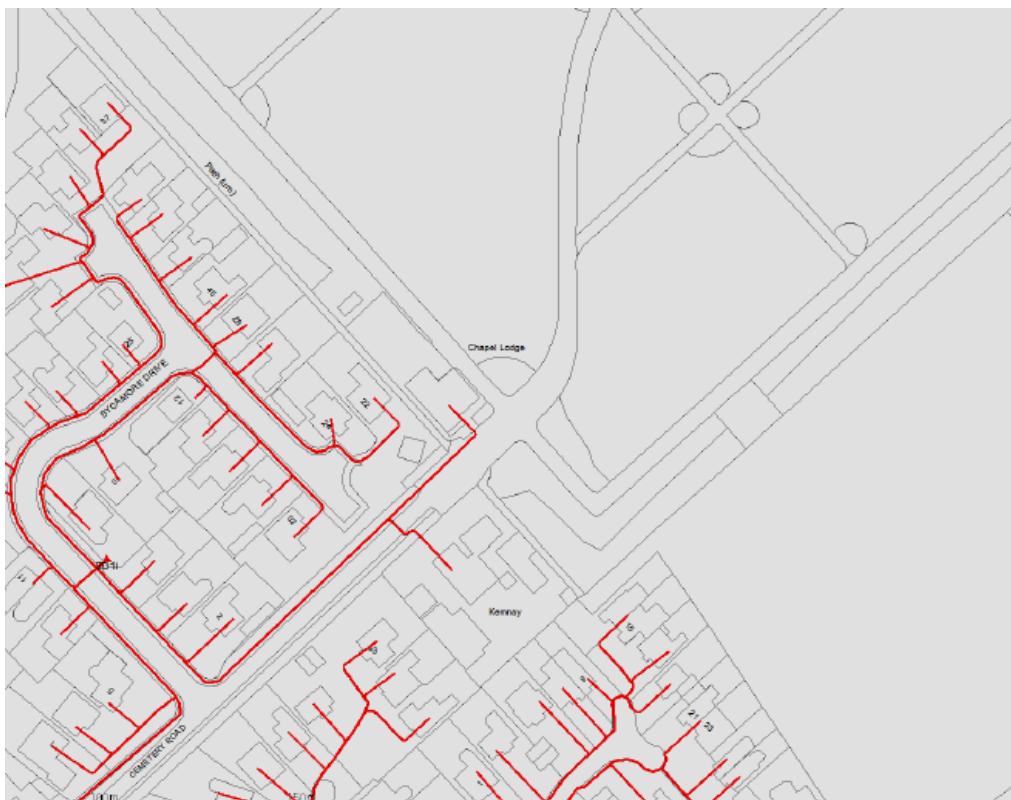
Virgin Media have an underground network along Bury and Bolton Road which runs from the West to no. 101 Bury and Bolton Road.



There is an existing Virgin Media underground network which runs to properties (Coney Green) at the end of Greenbank Road and are within the proposed site boundary.



There is a Virgin Media underground cable which runs into the proposed development area and terminates at Chapel Lodge on Cemetery Road.



There is a Virgin Media underground cable which runs into the proposed development area and terminates at Brook Bottom Farm on St Andrews Road.



3.1 United Utilities- proposals for Points of Connection

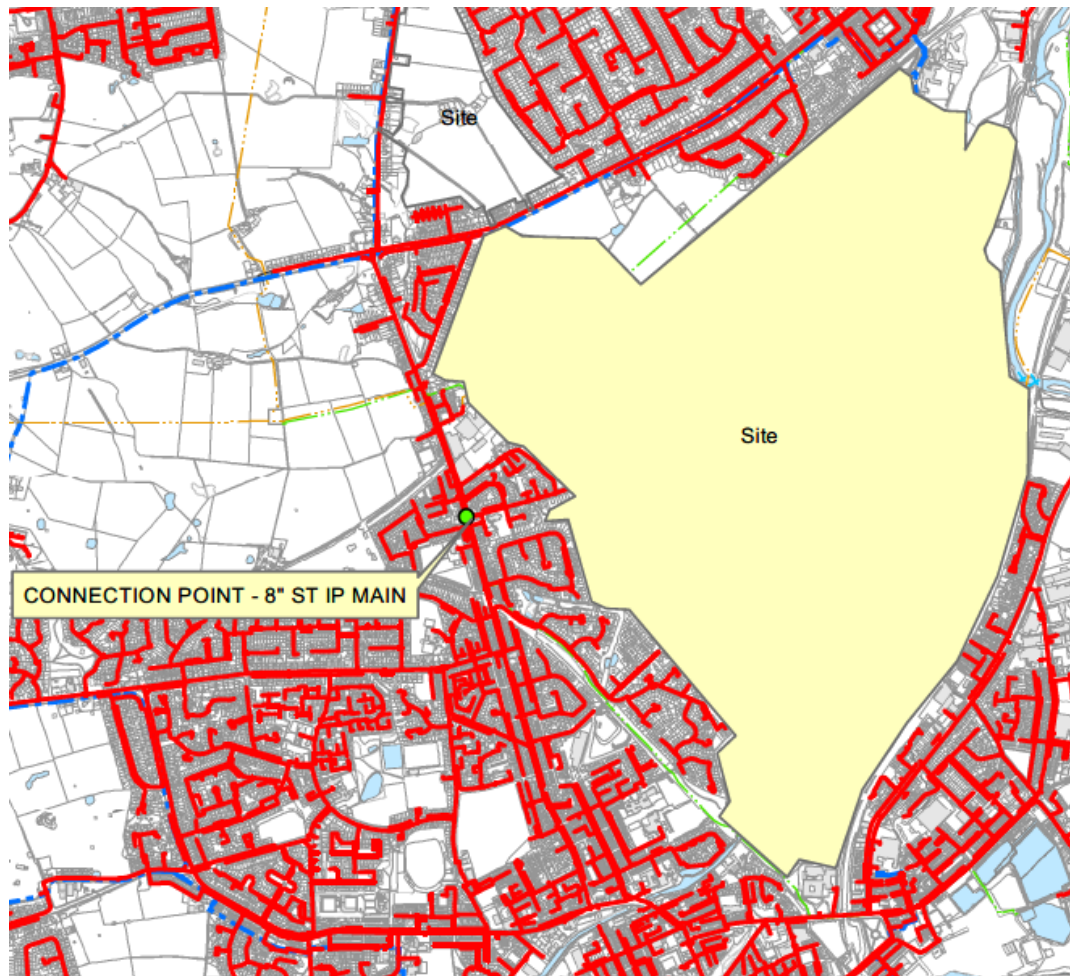
A detailed map of the 'Points of Connection Area'. A red oval highlights a specific section of the proposed 10' CI sewer line. A red arrow points from a text box labeled 'Points of Connection Area' to this highlighted section. The map shows various streets, including 'W. 10th St.', 'W. 11th St.', and 'W. 12th St.'. It also displays existing sewer lines, water lines, and other utilities. A scale bar indicates distances up to 100 feet. A north arrow is present in the top right corner.

The water industry is going through legislation changes with regards to the charging of water reinforcement. This is due to come into effect in April 2018. The amended charge will be collected via the water and sewerage infrastructure charges (currently at circa £360 each), these charges will increase across the board, the initial uplift indication is likely to be announced September / October 2017.

Full details can be found in appendix V

3.2 National Grid Gas – Proposals for Points of Connection

National Grid responded to a gas application on the 5th May 2017 (network enquiry no. 180007014). This shows that the nearest point of connection from National Grid Gas to serve the proposed development is an Intermediate Pressure (8" ST) Main which is approximately 350 metres from the site boundary at 371 Ainsworth Road, allowing the proposed development to be served sufficiently. As this is an intermediate pressure connection a gas governor and pipe testing will required, the cost of this could be circa £100,000. The off-site main cost could be circa £100,000.



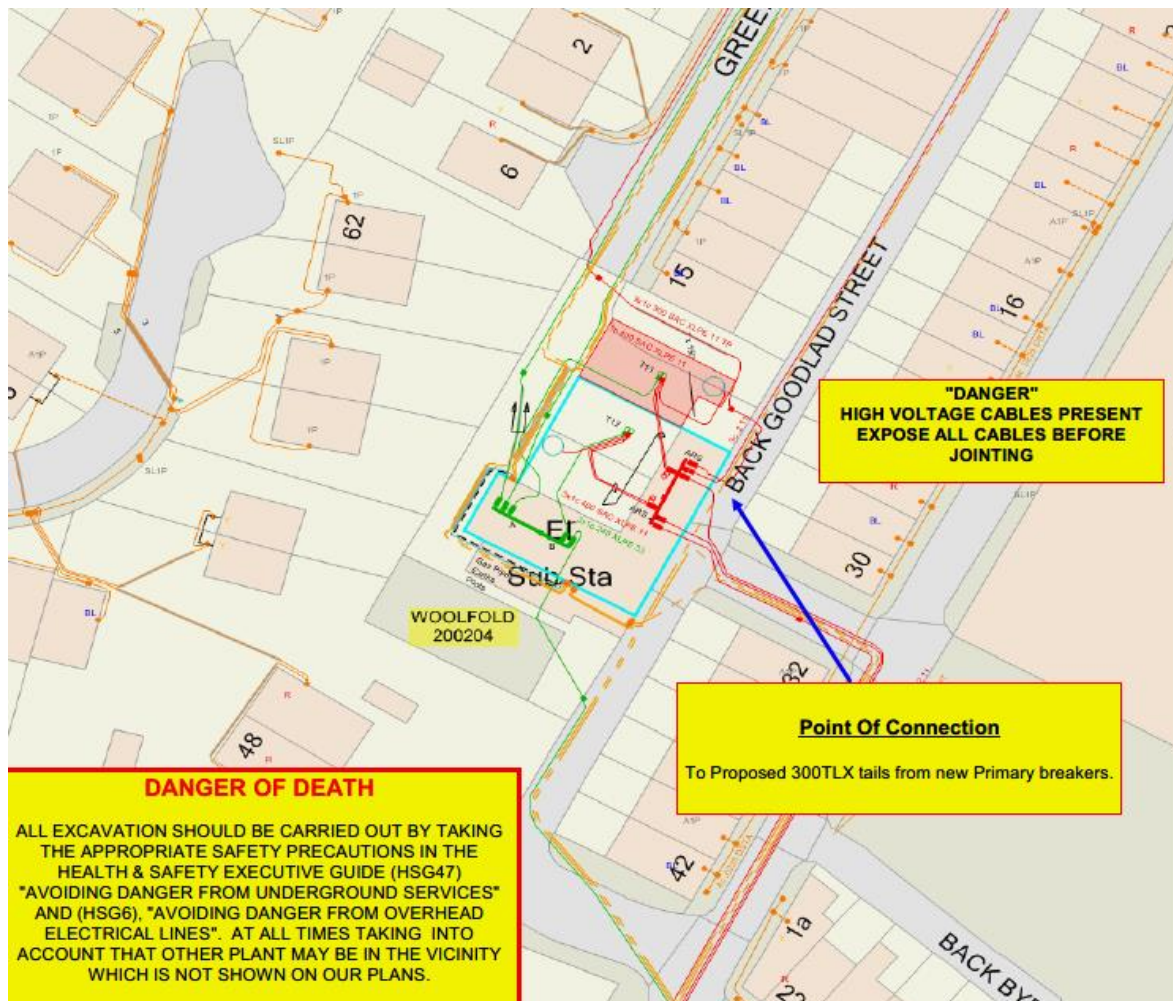
3.3 ENW Ltd Electricity- Proposal for Points of Connection

Following the submission to ENW Ltd for the point of connection, a response was received for the South Site on 30th May 2017 stating that a point of connection will be made from the sub-station on Back Goodlad Street (approximately 1 mile (1,600 metres) as the crow flies) north of the North West corner of the proposed site development).

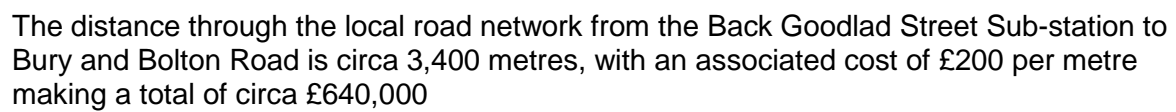
ENWL have stated that the quotation charges for carrying out POC works is £307,246.70 plus VAT (£368,696.04 in total). This quotation does not include any necessary land acquisition costs, energisation connection or unidentified diversionary works and is valid for 180 days.

ENW have advised that to supply the required capacity for these sites it will require works in the primary sub-station and to provide 2no. HV tails.

From these HV Tails in Back Goodlad Street, the utility contractor will lay 2no. 11kv cables to the proposed development and construct new secondary sub-stations from which local LV networks will serve the proposed plots. The number of sub-stations will be 9no. 500kv or 4no. 1000kv and 1no. 500kv, this will be dependant on the infrastructure layout to accommodate the LV voltage drop.



Full details can be found in Appendix VII



4.0 Summary

It can be concluded from the formal responses received from the host asset owners of the gas, water and electricity infrastructure that all the main utilities are all available, water and gas locally but the electric is some 1 mile North East.

Water: There are mains adjoining the proposed development to the North (Bury and Bolton Road), to the North East (Butler Street/Alpha Hospital)

Additionally, there are 3 mains which enter the proposed development (10" adjoining Bury and Bolton Road, 63mm MDPE at gable end of 11 Hunter Drive and a 63mm MDPE along Hinds Lane).

A point of connection (for North and South development sites) has been established on Bury and Bolton Road. United Utilities have stated that reinforcement works are necessary but dependant on proposed construction programme this cost may be met by UU (due to changes in their charging structure).

Gas: There are three gas mains which cross the proposed development (two IP mains and one LHP main).

A point of connection for the North site has been established on Starling Road. The South site point of connection has been established on Ainsworth Road.

Electric: There is one sub-station within the boundary of the proposed development (at Radcliffe Cemetery). There is a HV (6.6kva) overhead Electric cables which runs from Warth Fold Road/Hinds Lane on the Eastern boundary around the eastern side of Elton Reservoir. There are additional multiple LV cables which run into the proposed development and serve existing buildings.

ENWL has established a point at a sub-station approximately 1 mile (1,600 metres) north of the proposed site development. Additionally, they have indicated a budget quotation to achieve this point of connection of £307,246.70 plus VAT (£368,696.04 in total). Additionally, the cost of bringing mains from the point of connection to the development on Bury and Bolton Road is estimated to be £640,000.

ENWL have established a point of connection for the North site on Starling Road and have indicated £8,245.29 plus VAT for carrying out works to achieve this POC.

National Grid Electricity: There are 5 pylons within the proposed development with associated overhead lines which cross the site from West to East.

BT: There are existing overhead pole services which run into the development and serve existing properties at 5 points. Additionally, there is one underground service with chambers which serves Crow Trees Farm and a planned underground service to Radcliffe Cemetery.

Virgin Media: There are virgin media underground services which run into the site at 3 points (Greenbank Road, Cemetery Road, and St Andrews Road) and serve existing properties within the proposed site boundary.

Appendix I

Utility Asset Plans

**Technical & Development Services (Northern) Ltd
Booths Park 01
Chelford Road
Knutsford
Cheshire
WA16 8GS**

FAO: David Pritchard

Dear Sirs

**Location: Land Surrounding Elton Reservoir Elton Reservoir Bury and Bolton Road Knowsley
Road Ainsworth Bolton M26 4FW**

I acknowledge with thanks your request dated 30/03/17 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

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

<http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please telephone us on 0370 7510101.

Yours Faithfully,



Karen McCormack
Property Searches Manager

United Utilities Water Limited
Property Searches
Ground Floor Grasmere House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP
DX 715568 Warrington
Telephone 0370 751 0101

Property.searches@uuplc.co.uk

Your Ref: TDSN UA PH 02
Our Ref: 1281457
Date: 11/4/2017

TERMS AND CONDITIONS - WASTERWATER & WATER DISTRIBUTION PLANS

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

TERMS AND CONDITIONS:

1. This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
2. This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
3. In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only and given in accordance with the best information available. The nature of the relevant system and/or its actual position may be different from that shown on the plan and UUWL is not liable for any damage caused by incorrect information provided save as stated in section 199 of the Water Industry Act 1991. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
4. The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
5. The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
6. This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
7. No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
8. If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
9. This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Cleanwater Symbology

Pipework

Live	Proposed	
		Distribution Main - Pressurised Main
		LDTM Treated Water Distribution - Pressurised main
		LDTM Treated Water Distribution - Gravity main
		Trunk Main - Pressurised main
		Raw Water Aqueduct - Pressurised Main
		Raw Water Aqueduct - Gravity Main
		LDTM Raw Water Distribution - Pressurised main
		LDTM Raw Water Distribution - Gravity main
		Private Pipe
		Comms Pipe
		Concessionary Service

Abandoned

	LDTM Treated Water Distribution
	Trunk Main
	Raw Water Aqueduct
	LDTM Raw Water Distribution
	Distribution main
	Private Pipe
	Comms Pipe
	Concessionary Service

Property Types

Live	Proposed	
		Condition Report
		Pumping Station
		Water Treatment Works
		Valve House
		Water Tower
		Service Reservoir
		Supply Reservoir
		Pipe Bridges

Nodes

Live	Proposed	
		End Cap
		CC Valve open
		CC Valve closed
		AC Valve open
		AC Valve closed
		Air Valve
		Sluice Valve
		Non Return Valve
		Pressure Management Valve
		Change of Characteristics
		Anode
		Chlorination Point
		De Chlorination Point
		Bore Hole
		Inlet Point
		Bulk Supply Point
		Fire Hydrant
		Hydrant
		Pump
		Site Termination
		Service Start
		Service End
		Commercial Meter
		Domestic Meter
		Strainer Point
		Access Point
		Hatch Box
		IP Point
		Sampling Station
		Logger Box
		Stop Tap

Matertial Types		Lining Types	
AC	Asbestos Cement	CL	Cement Lining
CI	Cast Iron	TB	Tar or Bitumen
CU	Copper	ERL	Epoxy Resin
CO	Concrete	Insertion Types	
DI	Ductile Iron		
GI	Galvanised Iron		
GR	Grey Iron		
OT	Others	DD	Die Drawn
PB	Lead	DR	Directional Drilling
PV	uPVC	MO	Moling
SI	Spun Iron	PI	Pipeline
ST	Steel	SL	Slip Lined
UN	Unknown		
PE	Ployethelene		

WASTE WATER SYMOLOGY

Combined	Foul	Surface	Overflow	
				Manhole
				Manhole, side entry
				Public sewer
				Private sewer
				S104 sewer
				Rising Main, public
				Rising Mian, private
				Rising main, S104
				Highway Drain, private
				WW Pumping Station
				Inspection Chamber
				Extent of Survey
				Head of System
				Soakaway
				Rodding Eye
				Lamp Hole
				T Junction/Saddle
				Gulley
				Air Valve
				Non Return Valve
				Sewer Overflow
				Cascade
				Flow Meter
				Hatch Box
				Hydrobrake
				Inlet
				Bifurcation
				Catchpit
				Oil Interceptor
				Penstock
				Summit
				Valve
				Valve chamber
				Washout Chamber
				Drop Shaft
				WW Treatment Works
				Septic Tank
				Vent Column
				Network Storage Tank
				Orifice Plate
				Vortex Chamber
				Penstock Chamber
				Screen Chamber
				Discharge Point
				Outfall

MANHOLE FUNCTION

FO	Foul
SW	Surface Water
CO	Combined
OV	Overflow

SEWER SHAPE

CI	Circular	SQ	Square
EG	Egg	TR	Trapezoidal
OV	Oval	AR	Arch
FT	Flat Top	BA	Barrel
RE	Rectangular	HO	Horse Shoe
		U	Unspecified

SEWER MATERIAL

AC	Asbestos Cement	DI	Ductile Iron
BR	Brick	VC	Vitrified Clay
CO	Concrete	PP	Polypropylene
CSB	Concrete Segment	PF	Pitched Fibre
CSU	Concrete Segment	MA	Masonary, Coursed
CC	Concrete Box Culverted	MA	Masonary, Random
PSC	Plastic	RP	Reinforced Plastic
GR	Glass Reinforced	CI	Cast Iron
GRP	Glass Reinforced	SI	Spun Iron
PVC	Polyvinyl Chloride	ST	Steel
PE	Polyethtlene	U	Unspecified



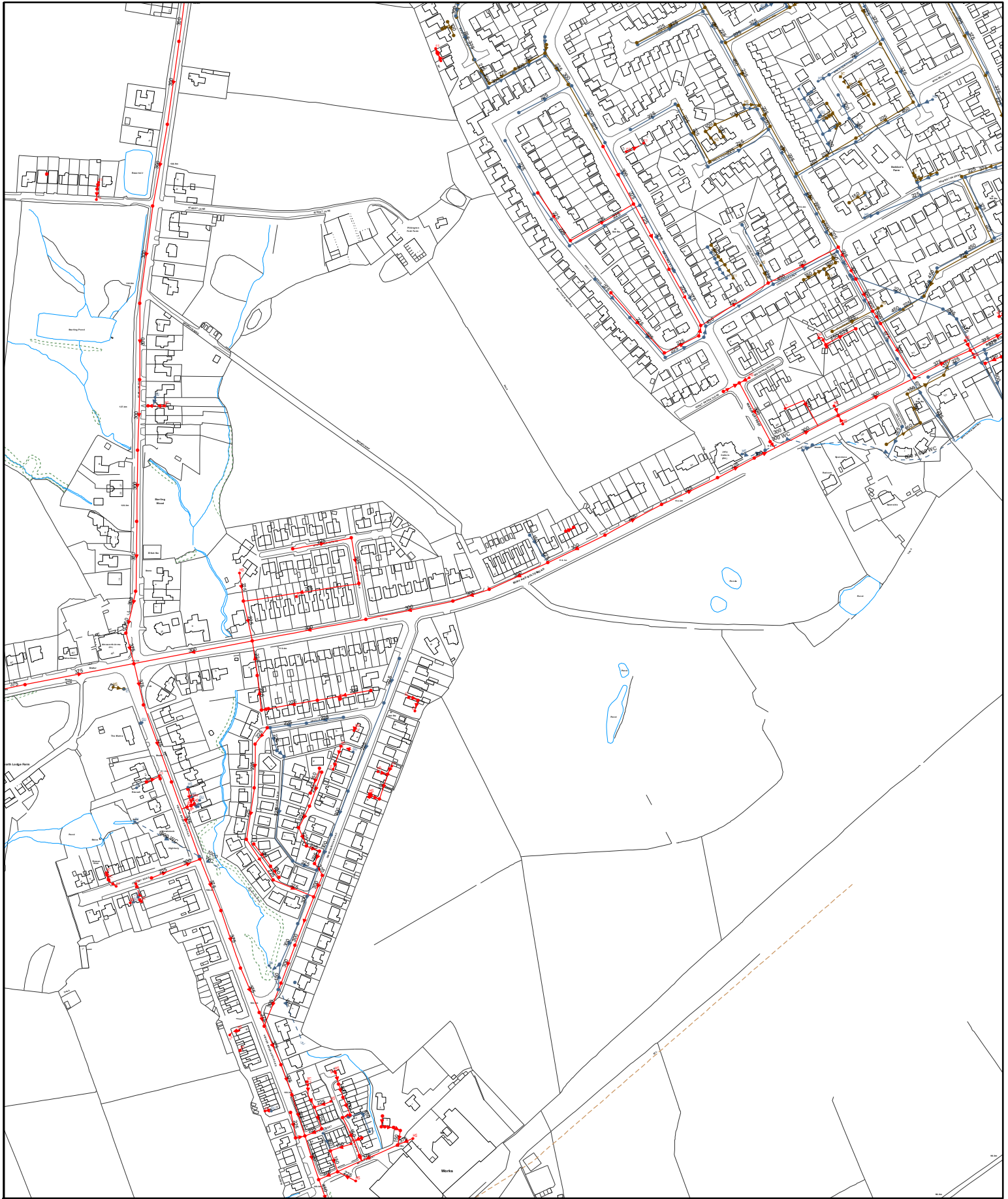
Control Kiosk



Sludge Main

ABANDONED PIPE

	Public Sewer
	Rising Main
	Private Sewer
	Sludge Main



Date: 11/04/2017

Extract from Map of Public Sewers

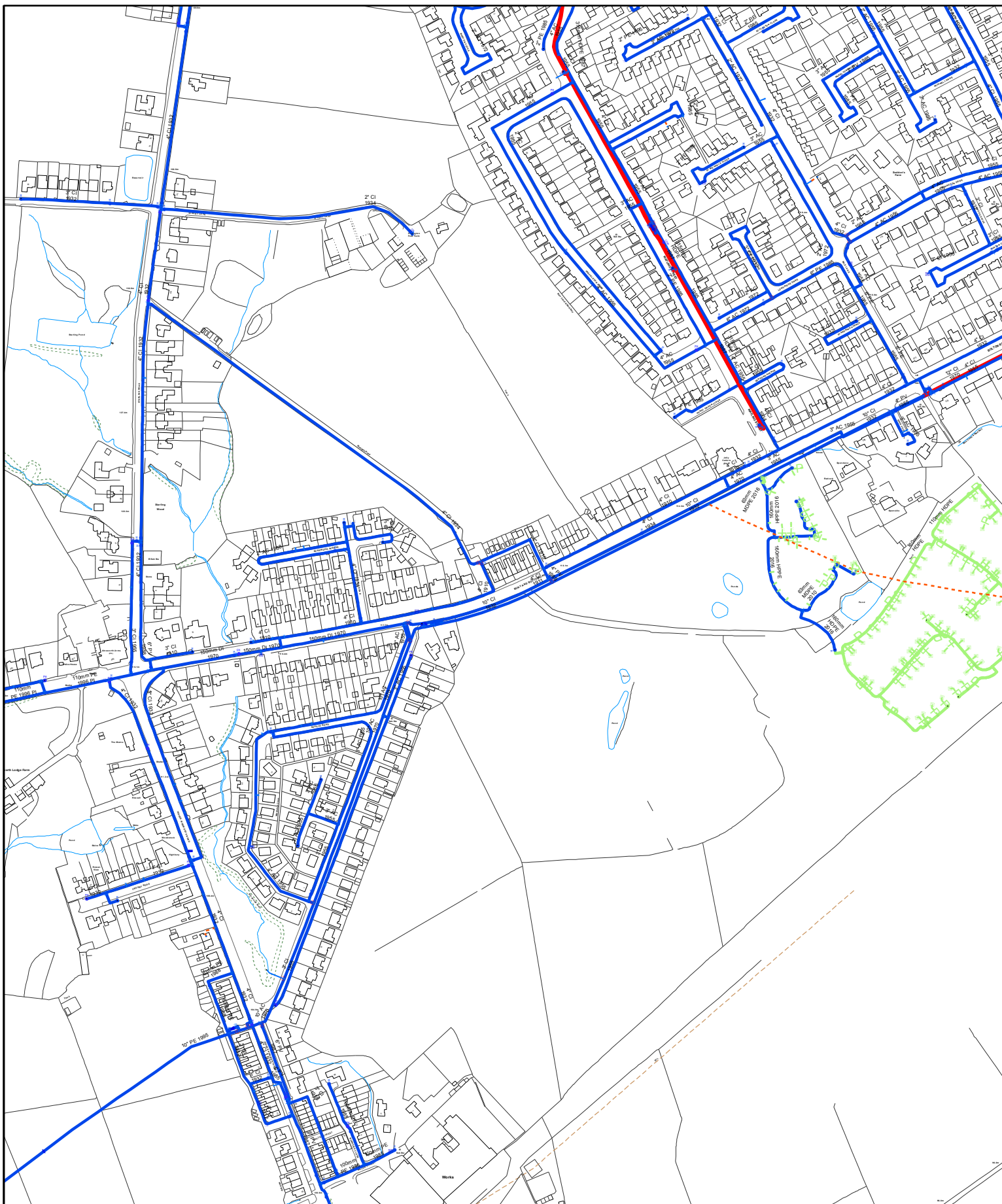
Printed By:
Property Searches

Land Surrounding Elton Reservoir Ainsworth Bolton M26 4FW



The position of this underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan and private pipes, sewers or drains may not be recorded. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown. Crown copyright and database rights [2016] Ordnance Survey 100022432.

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Date: 11/04/2017

Extract from Map Of Water Mains

Printed By:
Property Searches

Land Surrounding Elton Reservoir Ainsworth Bolton M26 4FW



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Technical & Development Services (Northern) Ltd
Booths Park 01
Chelford Road
Knutsford
Cheshire
WA16 8GS

FAO: David Pritchard

Dear Sirs

Location: 1 BROOKBOTTOM ROAD RADCLIFFE MANCHESTER M26 4HX

I acknowledge with thanks your request dated 10/04/17 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

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

<http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please telephone us on 0370 7510101.

Yours Faithfully,



Karen McCormack
Property Searches Manager

United Utilities Water Limited
Property Searches
Ground Floor Grasmere House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP
DX 715568 Warrington
Telephone 0370 751 0101

Property.searches@uuplc.co.uk

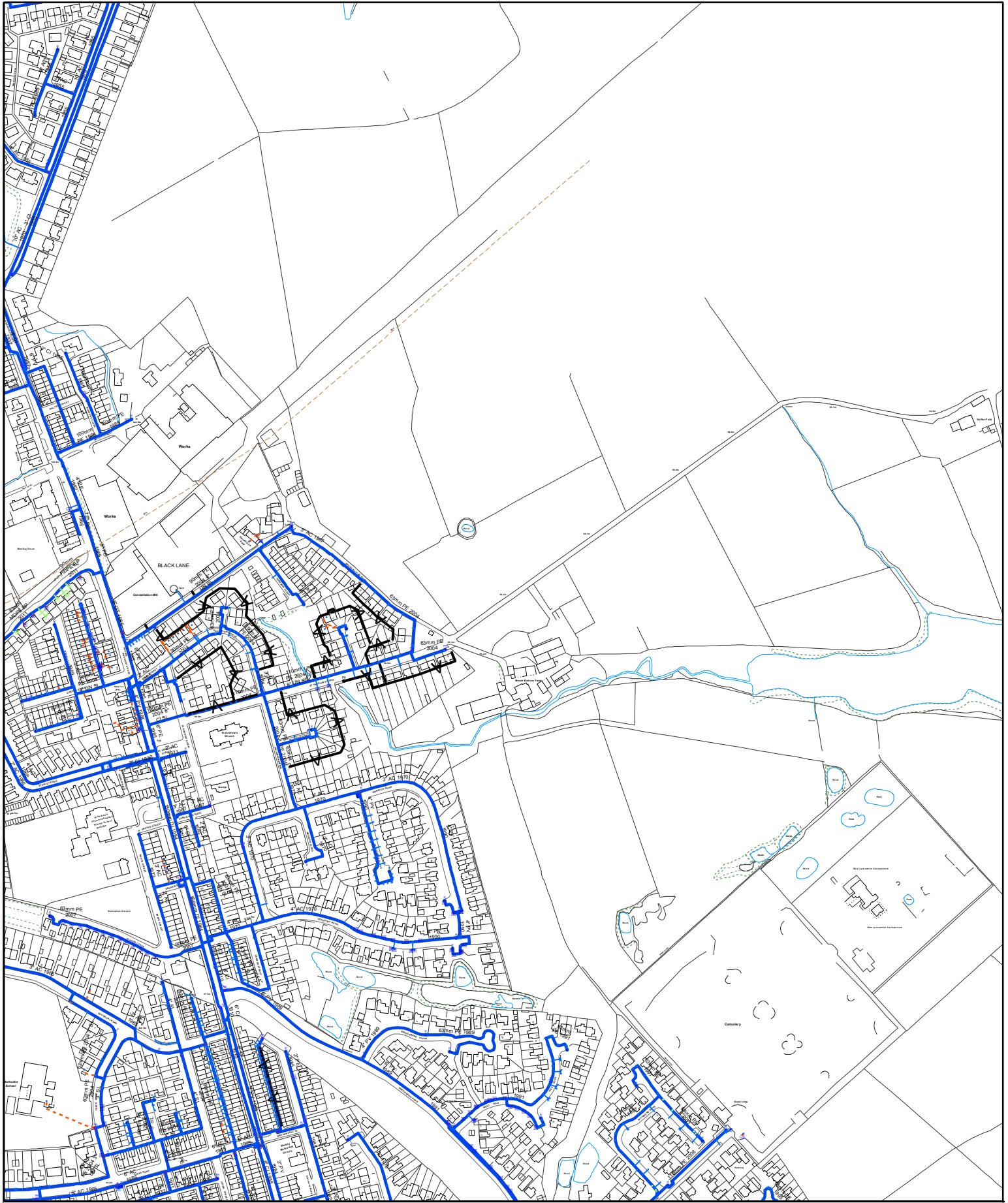
Your Ref: TDSN UA PH 02 1
Our Ref: 1284007
Date: 13/4/2017

TERMS AND CONDITIONS - WASTERWATER & WATER DISTRIBUTION PLANS

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

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



Date: 13/04/2017

Printed By:
Property Searches

Extract from Map Of Water Mains

1 Brookbottom Road Radcliffe Manchester



The position of this 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, private service pipes may be shown where a known record is available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown. Crown copyright and database rights [2016] Ordnance Survey 100022432.

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Cleanwater symbology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water

	Air Valve
	AC Valve, open
	AC Valve, closed
	CC Valve, open
	CC Valve, closed
	Non Return Valve
	Pressure Management Valve
	OMS Valve
	Stop Tap
	Flow Meter
	Domestic Meter
	Commercial Meter
	Pump
	Hydrant
	Fire Hydrant
	Anode
	Chlorination Point
	De-chlorination Point
	Strainer Point
	Access Point
	Hatch Box
	IP Point
	Sampling Station
	Logger Box

	Bore Hole
	Bulk Supply Point
	Inlet Point
	End Cap
	Site Termination
	Change of Characteristic

Property Types

	Water Tower
	Valve House
	Booster Pumping Station
	Intake Pumping Station
	Water Treatment Works
	Supply Reservoir
	Service Reservoir
	Impounding Reservoir
	Pipe Bridge
	Condition Report

Symbology for proposed assets is the same as above, but shown in **green**.

Symbology for abandoned assets is the same as above, but shown in **black**.

Technical & Development Services (Northern) Ltd
Booths Park 01
Chelford Road
Knutsford
Cheshire
WA16 8GS

FAO: David Pritchard

Dear Sirs

Location: PLOT 5 GREENBANK ROAD RADCLIFFE MANCHESTER M26 4FR

I acknowledge with thanks your request dated 10/04/17 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

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

<http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please telephone us on 0370 7510101.

Yours Faithfully,



Karen McCormack
Property Searches Manager

United Utilities Water Limited
Property Searches
Ground Floor Grasmere House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP
DX 715568 Warrington
Telephone 0370 751 0101

Property.searches@uuplc.co.uk

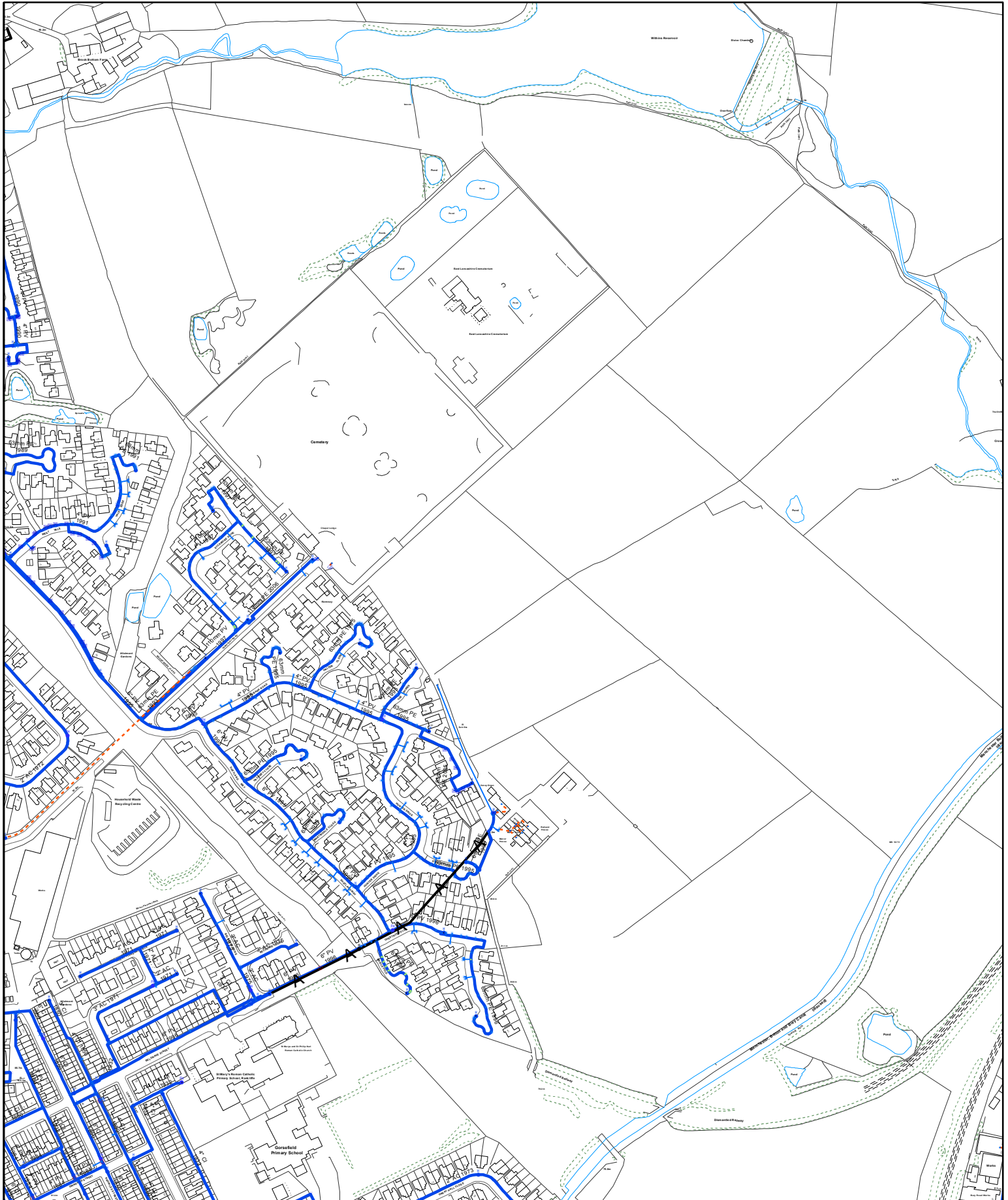
Your Ref: TDSN UA PH 02 2
Our Ref: 1284011
Date: 13/4/2017

TERMS AND CONDITIONS - WASTERWATER & WATER DISTRIBUTION PLANS

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Date: 13/04/2017

Printed By:
Property Searches

Extract from Map Of Water Mains

Plot 5 Greenbank Road Radcliffe



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Cleanwater symbology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water

	Air Valve
	AC Valve, open
	AC Valve, closed
	CC Valve, open
	CC Valve, closed
	Non Return Valve
	Pressure Management Valve
	OMS Valve
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	Pump
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	Fire Hydrant
	Anode
	Chlorination Point
	De-chlorination Point
	Strainer Point
	Access Point
	Hatch Box
	IP Point
	Sampling Station
	Logger Box

	Bore Hole
	Bulk Supply Point
	Inlet Point
	End Cap
	Site Termination
	Change of Characteristic

Property Types

	Water Tower
	Valve House
	Booster Pumping Station
	Intake Pumping Station
	Water Treatment Works
	Supply Reservoir
	Service Reservoir
	Impounding Reservoir
	Pipe Bridge
	Condition Report

Symbology for proposed assets is the same as above, but shown in **green**.

Symbology for abandoned assets is the same as above, but shown in **black**.

Technical & Development Services (Northern) Ltd
Booths Park 01
Chelford Road
Knutsford
Cheshire
WA16 8GS

FAO: David Pritchard

Dear Sirs

Location: Land adjoining Hinds Lane Radcliffe Bury M26

I acknowledge with thanks your request dated 10/04/17 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

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Yours Faithfully,



Karen McCormack
Property Searches Manager

United Utilities Water Limited
Property Searches
Ground Floor Grasmere House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP
DX 715568 Warrington
Telephone 0370 751 0101

Property.searches@uuplc.co.uk

Your Ref: TDSN UA PH 02 3
Our Ref: 1284014
Date: 13/4/2017

TERMS AND CONDITIONS - WASTERWATER & WATER DISTRIBUTION PLANS

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Cleanwater symbology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water

	Air Valve
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	CC Valve, closed
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	OMS Valve
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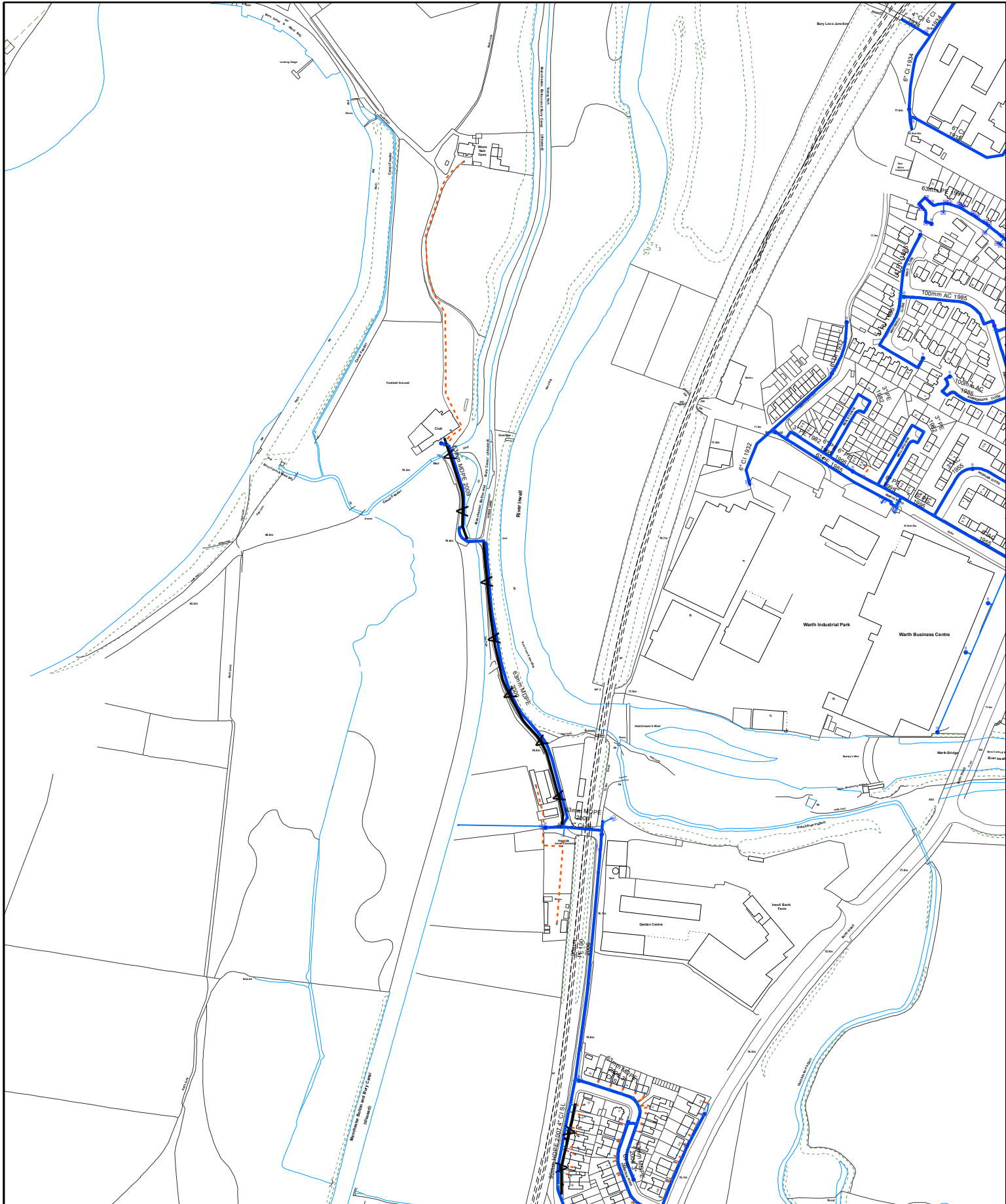
	Bore Hole
	Bulk Supply Point
	Inlet Point
	End Cap
	Site Termination
	Change of Characteristic

Property Types

	Water Tower
	Valve House
	Booster Pumping Station
	Intake Pumping Station
	Water Treatment Works
	Supply Reservoir
	Service Reservoir
	Impounding Reservoir
	Pipe Bridge
	Condition Report

Symbology for proposed assets is the same as above, but shown in **green**.

Symbology for abandoned assets is the same as above, but shown in **black**.



Date: 13/04/2017

Printed By:
Property Searches

Extract from Map Of Water Mains

Land adjoining Hinds Lane Radcliffe Bury



The position of this 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, private service pipes may be shown where a known record is available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown. Crown copyright and database rights [2016] Ordnance Survey 100022432.

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Technical & Development Services (Northern) Ltd
Booths Park 01
Chelford Road
Knutsford
Cheshire
WA16 8GS

FAO: David Pritchard

Dear Sirs

Location: Land adjoining Buller Street / Hospital Buller Street Buller Street Radcliffe Bury BL8 2BQ

I acknowledge with thanks your request dated 10/04/17 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

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Property Searches Manager

United Utilities Water Limited
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Ground Floor Grasmere House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP
DX 715568 Warrington
Telephone 0370 751 0101

Property.searches@uuplc.co.uk

Your Ref: TDSN UA PH 02 4
Our Ref: 1284015
Date: 13/4/2017

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Cleanwater symbology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water

	Air Valve
	AC Valve, open
	AC Valve, closed
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	CC Valve, closed
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	Pressure Management Valve
	OMS Valve
	Stop Tap
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	Domestic Meter
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	Pump
	Hydrant
	Fire Hydrant
	Anode
	Chlorination Point
	De-chlorination Point
	Strainer Point
	Access Point
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	Logger Box

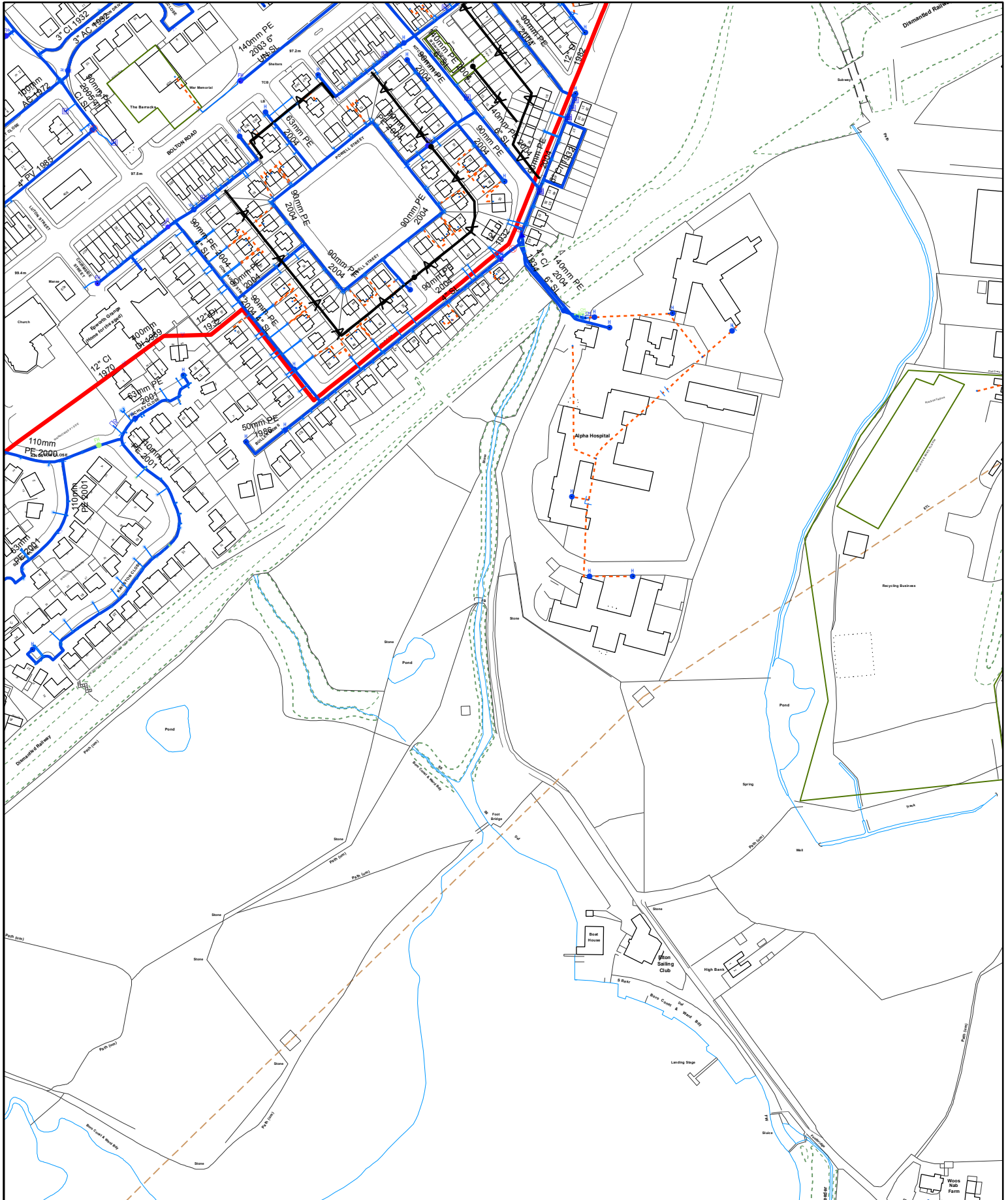
	Bore Hole
	Bulk Supply Point
	Inlet Point
	End Cap
	Site Termination
	Change of Characteristic

Property Types

	Water Tower
	Valve House
	Booster Pumping Station
	Intake Pumping Station
	Water Treatment Works
	Supply Reservoir
	Service Reservoir
	Impounding Reservoir
	Pipe Bridge
	Condition Report

Symbology for proposed assets is the same as above, but shown in **green**.

Symbology for abandoned assets is the same as above, but shown in **black**.



Date: 13/04/2017

Printed By:
Property Searches

Extract from Map Of Water Mains

Land adjoining Buller Street/Hospital Radcliffe Bury



The position of this 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, private service pipes may be shown where a known record is available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown. Crown copyright and database rights [2016] Ordnance Survey 100022432.

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David Pritchard
TDS (Northern) Ltd
Booths Park
1 Chelford Road
Knutsford
Cheshire
WA16 8GS

Plant Protection
National Grid
Block 1; Floor 1
Brick Kiln Street
Hinckley
LE10 0NA
E-mail: plantprotection@nationalgrid.com
Telephone: +44 (0)800 688588

National Grid Electricity Emergency Number:
0800 40 40 90*

National Gas Emergency Number:
0800 111 999*

* Available 24 hours, 7 days/week.
Calls may be recorded and monitored.

www.nationalgrid.com

Date: 04/04/2017

Our Ref: NW_TW_Z1_3SWP_319174

Your Ref: Elton Reservoir (NL)

RE: Proposed Works, Elton Reservoir/Withins Reservoir, Radcliffe, Manchester, M26 4FW

Thank you for your enquiry which was received on 31/03/2017.

Please note this response and any attached map(s) are valid for 28 days.

An assessment has been carried out with respect to National Grid Electricity Transmission plc's, National Grid Gas plc's and National Grid Gas Distribution Ltd's apparatus. Please note it does not cover the items listed in the section "Your Responsibilities and Obligations", including gas service pipes and related apparatus.

For details of National Grid's network areas please see the National Grid website

(<http://www.nationalgrid.com/uk/Gas/Safety/work/>) or the enclosed documentation.

As your works are at a "proposed" stage, any maps and guidance provided are for information purposes only. This is not approval to commence work. You must submit a "Scheduled Works" enquiry at the earliest opportunity and failure to do this may lead to disruption to your plans and works. National Grid will endeavour to provide an initial assessment within 14 days of receipt of a Scheduled Works enquiry and dependent on the outcome of this, further consultation may be required.

In any event, for safety and legal reasons, works must not be carried out until a Scheduled Works enquiry has been completed and final response received.

Your Responsibilities and Obligations

The "Assessment" Section below outlines the detailed requirements that must be followed when planning or undertaking your scheduled activities at this location.

It is your responsibility to ensure that the information you have submitted is accurate and that all relevant documents including links are provided to all persons (either direct labour or contractors) working for you near National Grid's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

This assessment solely relates to National Grid Electricity Transmission plc (NGET), National Grid Gas plc (NGG) and National Grid Gas Distribution Ltd (NGGD) apparatus. This assessment does **NOT** include:

- National Grid's legal interest (easements or wayleaves) in the land which restricts activity in proximity to National Grid's assets in private land. You must obtain details of any such restrictions from the landowner in the first instance and if in doubt contact National Grid.
- Gas service pipes and related apparatus
- Recently installed apparatus
- Apparatus owned by other organisations, e.g. other gas distribution operators, local electricity companies, other utilities, etc.

It is **YOUR** responsibility to take into account whether the items listed above may be present and if they could be affected by your proposed activities. Further "Essential Guidance" in respect of these items can be found on the National Grid Website (<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=8589934982>).

This communication does not constitute any formal agreement or consent for any proposed development work; either generally or with regard to National Grid's easements or wayleaves nor any planning or building regulations applications.

NGG, NGET and NGGD or their agents, servants or contractors do not accept any liability for any losses arising under or in connection with this information. This limit on liability applies to all and any claims in contract, tort (including negligence), misrepresentation (excluding fraudulent misrepresentation), breach of statutory duty or otherwise. This limit on liability does not exclude or restrict liability where prohibited by the law nor does it supersede the express terms of any related agreements.

If you require further assistance please contact the National Grid Plant Protection team via e-mail ([click here](#)) or via the contact details at the top of this response.

Yours faithfully

National Grid Plant Protection Team

ASSESSMENT

Affected Apparatus

The National Grid apparatus that has been identified as being in the vicinity of your proposed works is:

- High or Intermediate pressure (above 2 bar) Gas Pipelines and associated equipment
- Low or Medium pressure (below 2 bar) gas pipes and associated equipment. (As a result it is highly likely that there are gas services and associated apparatus in the vicinity)
- Asbestos Pipes
- Above ground gas sites and equipment

Requirements

BEFORE carrying out any work you must:

- **Ensure that no works are undertaken in the vicinity of our gas pipelines and that no heavy plant, machinery or vehicles cross the route of the pipeline until detailed consultation has taken place.**
- **Note the presence of an Above Ground Installation (AGI) in proximity to your site. You must ensure that you have been contacted by National Grid prior to undertaking any works within 10m of this site.**
- Carefully read these requirements including the attached guidance documents and maps showing the location of National Grid apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe National Grid's legal rights (i.e. easements or wayleaves). If the works are in the road or footpath the relevant local authority should be contacted.
- Ensure that all persons, including direct labour and contractors, working for you on or near National Grid's apparatus follow the requirements of the HSE Guidance Notes HSG47 - 'Avoiding Danger from Underground Services' and GS6 – 'Avoidance of danger from overhead electric power lines'. This guidance can be downloaded free of charge at <http://www.hse.gov.uk>
- In line with the above guidance, verify and establish the actual position of mains, pipes, cables, services and other apparatus on site before any activities are undertaken.

GUIDANCE

High Pressure Gas Pipelines Guidance:

If working in the vicinity of a high pressure gas pipeline the following document must be followed: 'Specification for Safe Working in the Vicinity of National Grid High Pressure Gas Pipelines and Associated Installations - Requirements for Third Parties' (SSW22). This can be obtained from:
<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=33968>

Dial Before You Dig Pipelines Guidance:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=33969>

Excavating Safely - Avoiding injury when working near gas pipes:

http://www.nationalgrid.com/NR/rdonlyres/2D2EEA97-B213-459C-9A26-18361C6E0B0D/25249/Digsafe_leaflet3e2finalamends061207.pdf

Standard Guidance

Essential Guidance document:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=8589934982>

General Guidance document:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=35103>

Excavating Safely in the vicinity of gas pipes guidance (Credit card):

<http://www.nationalgrid.com/NR/rdonlyres/A3D37677-6641-476C-9DDA-E89949052829/44257/ExcavatingSafelyCreditCard.pdf>

Excavating Safely in the vicinity of electricity cables guidance (Credit card):

<http://www.nationalgrid.com/NR/rdonlyres/35DDEC6D-D754-4BA5-AF3C-D607D05A25C2/44858/ExcavatingSafelyCreditCardelectricitycables.pdf>





Copies of all the Guidance Documents can also be downloaded from the National Grid Website:

<http://www.nationalgrid.com/uk/Gas/Safety/work/downloads/>



ID: NW_TW_Z1_3SWP_319174		View extent: 2890m, 3670m		Map not to be used for construction		Map 1 of 2 (GAS)	
USER: Natalie.Lenton		LP MAINS		<p>This plan shows those pipes owned by National Grid Gas plc in its 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.</p>		MAPS Plot Server Version 1.9.0	
DATE: 04/04/2017		MP MAINS					
DATA DATE: 03/04/2017		IP MAINS					
REF: Elton Reservoir (NL)		LHP MAINS					
MAP REF: SD7709		NHP MAINS					
CENTRE: 377567, 409138		<div><div>0m200m</div><div>Approximate scale 1:10000 on A3 Colour Portrait</div></div>				Requested by: TDS (Northern) Ltd	
Some examples of Plant Items:		<div><div>Valve</div><div>Depth of Cover</div><div>Syphon</div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div>				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. Ordnance Survey Licence number 100024886	



ID: NW_TW_Z1_3SWP_319174		View extent: 2890m, 3670m		Map not to be used for construction		Map 2 of 2 (ELECTRIC)	
USER: Natalie.Lenton		Underground cables 		<p>This plan shows those cables owned by National Grid Electricity Transmission plc in its role as a Licensed Electricity Transporter (ET). Electricity cables owned by other ETs, or otherwise privately owned, may be present in this area. Information with regard to such cables should be obtained from the relevant owners The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Ancillary equipment such as cooling systems and communication cables are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Electricity Transmission 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 cables 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 electricity apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>		<p>MAPS Plot Server Version 1.9.0</p> 	
DATE: 04/04/2017		Overhead lines 					
DATA DATE: 16/11/2016							
REF: Elton Reservoir (NL)							
MAP REF: SD7709							
CENTRE: 377567, 409138		<div>0m  200m</div> <p>Approximate scale 1:10000 on A3 Colour Portrait</p>				Requested by: TDS (Northern) Ltd	
						This plan is reproduced from or based on the OS map by National Grid Electricity Transmission plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024241	

ENQUIRY SUMMARY

Received Date

31/03/2017

Your Reference

Elton Reservoir (NL)

Location

Centre Point: 377567, 409138

X Extent: 1015

Y Extent: 1055

Postcode: M26 4FW

Location Description: Elton Reservoir/Withins Reservoir, Radcliffe, Manchester, M26 4FW

Map Options

Paper Size: A3

Orientation: PORTRAIT

Requested Scale: 10000

Actual Scale: 1:10000 (GAS), 1:10000 (ELECTRIC)

Real World Extents: 2890m x 3670m (GAS), 2890m x 3670m (ELECTRIC)

Recipients

pprsteam@nationalgrid.com

Enquirer Details

Organisation Name: TDS (Northern) Ltd

Contact Name: David Pritchard

Email Address: david.pritchard@t-d-s.com

Telephone: 01565757829 (07725791684)

Address: Booths Park, 1 Chelford Road, Knutsford, Cheshire, WA16 8GS

Description of Works

Proposed development (E)

Enquiry Type

Proposed Works

Activity Type

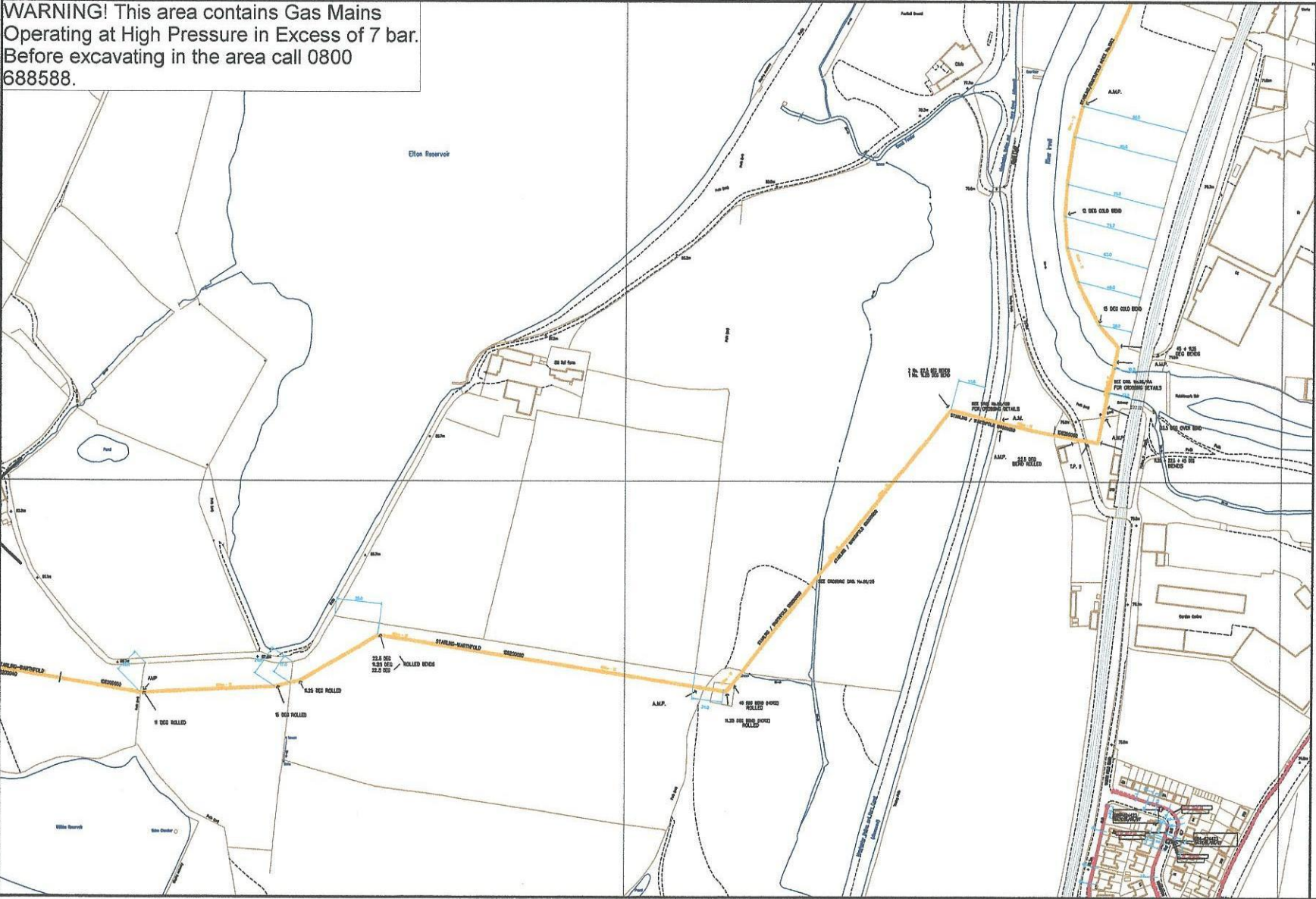
Development Project

Work Types

Work Type: Deep Excavation (greater than or equal to 0.3m)

Work Type: Permanent Structures

WARNING! This area contains Gas Mains
Operating at High Pressure in Excess of 7 bar.
Before excavating in the area call 0800
688588.



SCALE: Not to scale

USER ID: David Pritchard

DATE: 30/03/2017

EXTRACT DATE: 06/12/2016

MAP REF: SD7909

CENTRE: 379024, 409024

LP MAINS	—
MP MAINS	- - -
IP MAINS	- · - · -
LHP MAINS	- - - - -
NHP MAINS	- - - - -

Some examples of Plant Items:

Valve	Depth of Cover	Syphon	Diameter Change	Material Change	Out of Standard Service

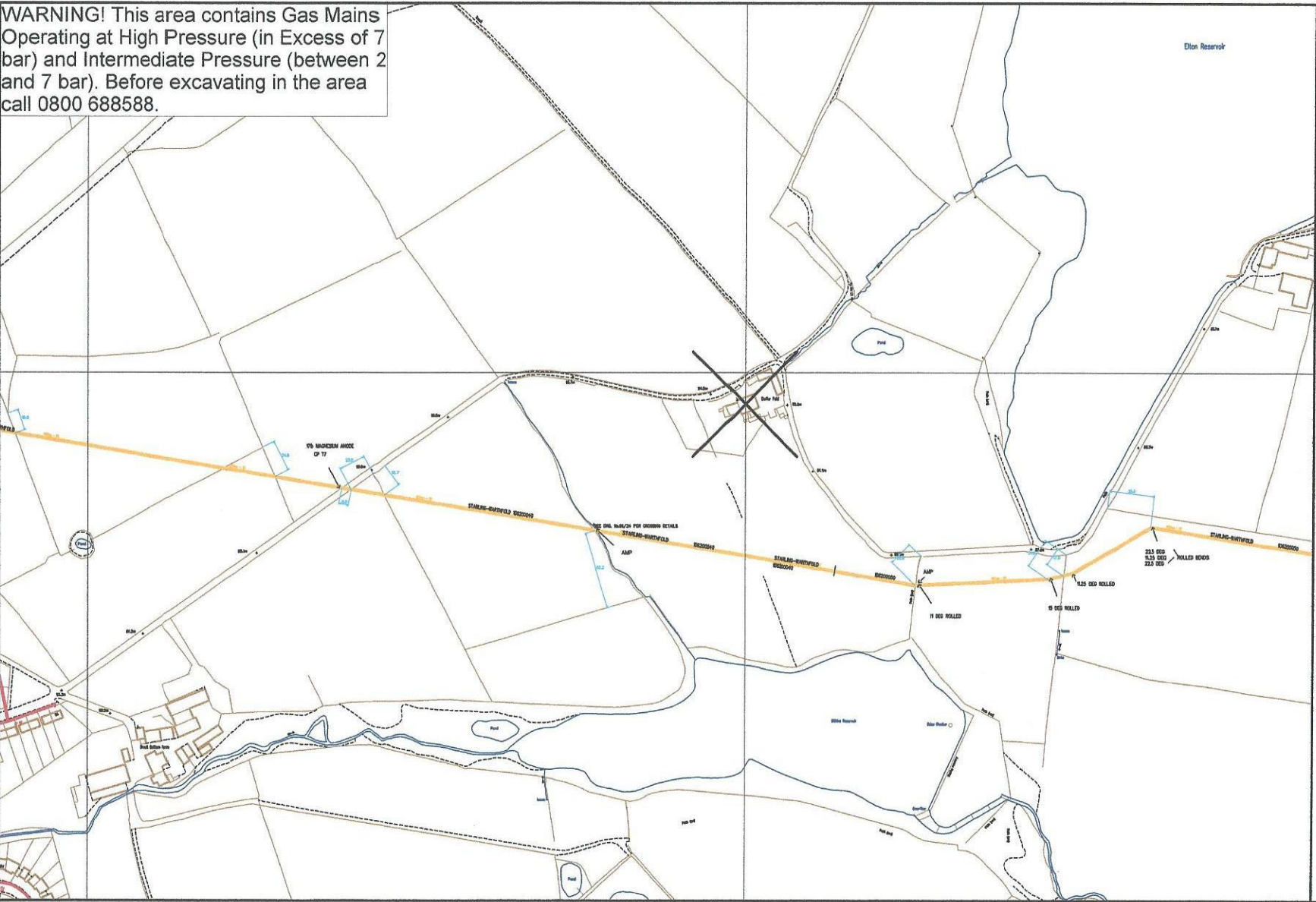
This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown 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.

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Local Machine

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WARNING! This area contains Gas Mains Operating at High Pressure (in Excess of 7 bar) and Intermediate Pressure (between 2 and 7 bar). Before excavating in the area call 0800 688588.



SCALE: Not to scale

USER ID: David Pritchard

DATE: 30/03/2017

EXTRACT DATE: 06/12/2016

MAP REF: SD7808

CENTRE: 378433, 408940

LP MAINS	
MP MAINS	
IP MAINS	
LHP MAINS	
NHP MAINS	

Some examples of Plant Items:

Valve	Depth of Cover	Syphon	Diameter Change	Material Change	Out of Standard Service
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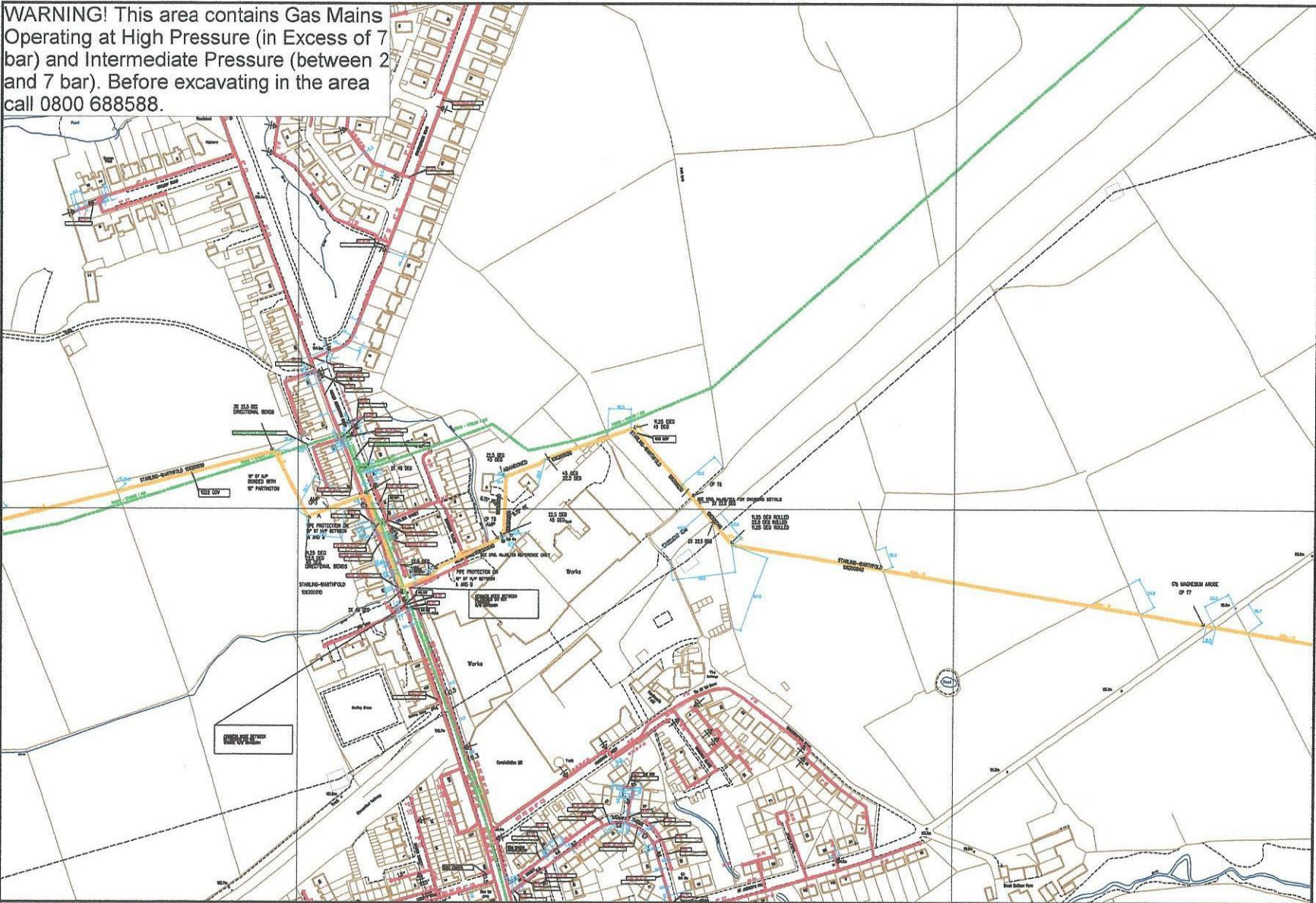
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Local Machine

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SCALE: Not to scale

USER ID: David Pritchard

DATE: 30/03/2017

EXTRACT DATE: 06/12/2016

MAP REF: SD7709

CENTRE: 377775, 409042

- | | |
|-----------|--|
| LP MAINS | |
| MP MAINS | |
| IP MAINS | |
| LHP MAINS | |
| NHP MAINS | |

Some examples of Plant Items:

Valve	Depth of Cover	Syphon	Diameter Change	Material Change	Out of Standard Service
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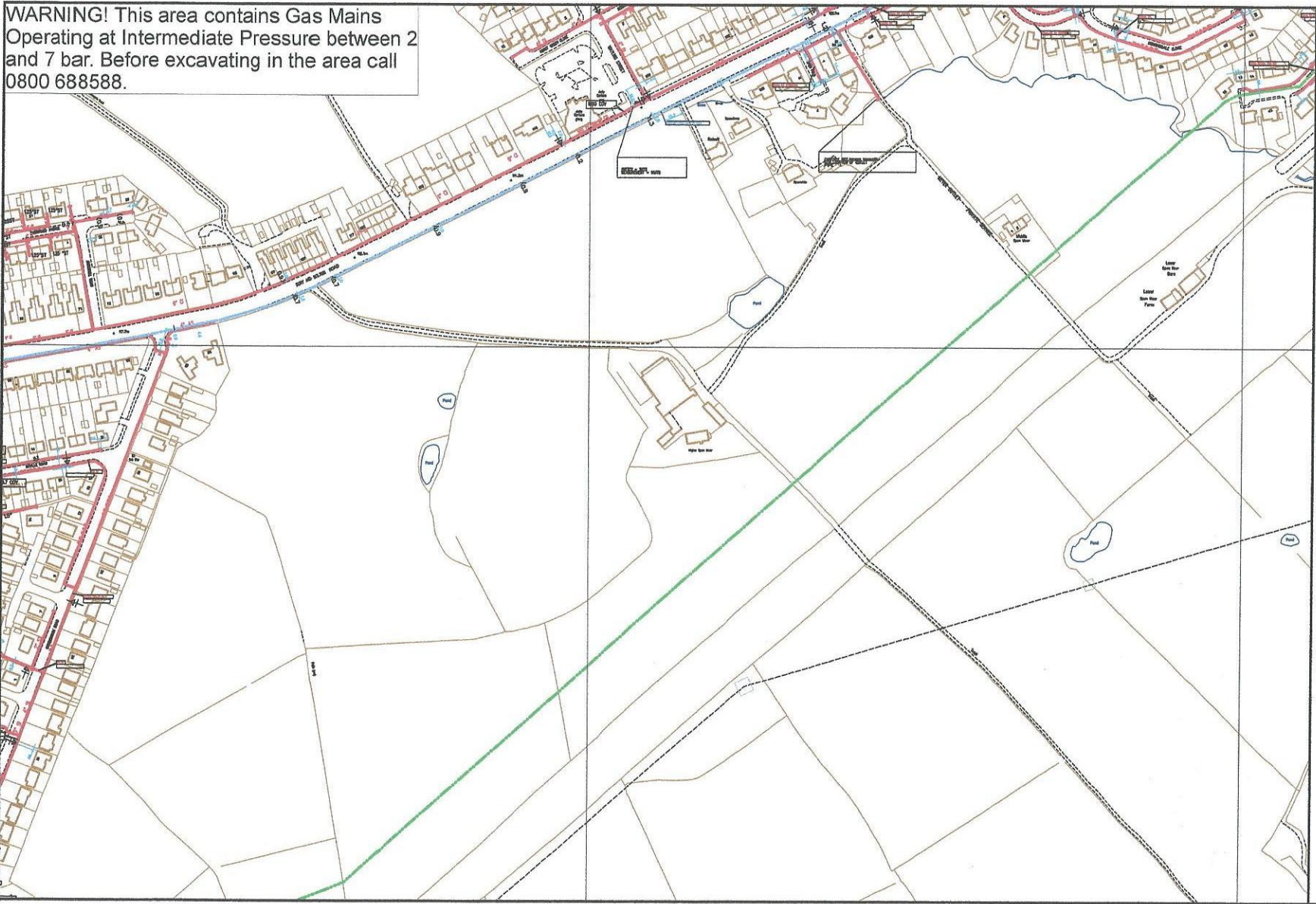
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Local Machine

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WARNING! This area contains Gas Mains
Operating at Intermediate Pressure between 2
and 7 bar. Before excavating in the area call
0800 688588.



SCALE: Not to scale

USER ID: David Pritchard

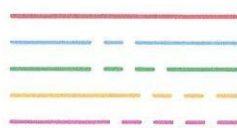
DATE: 30/03/2017

EXTRACT DATE: 06/12/2016

MAP REF: SD7809

CENTRE: 378053, 409419

LP MAINS
MP MAINS
IP MAINS
LHP MAINS
NHP MAINS



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 5.7.0.0

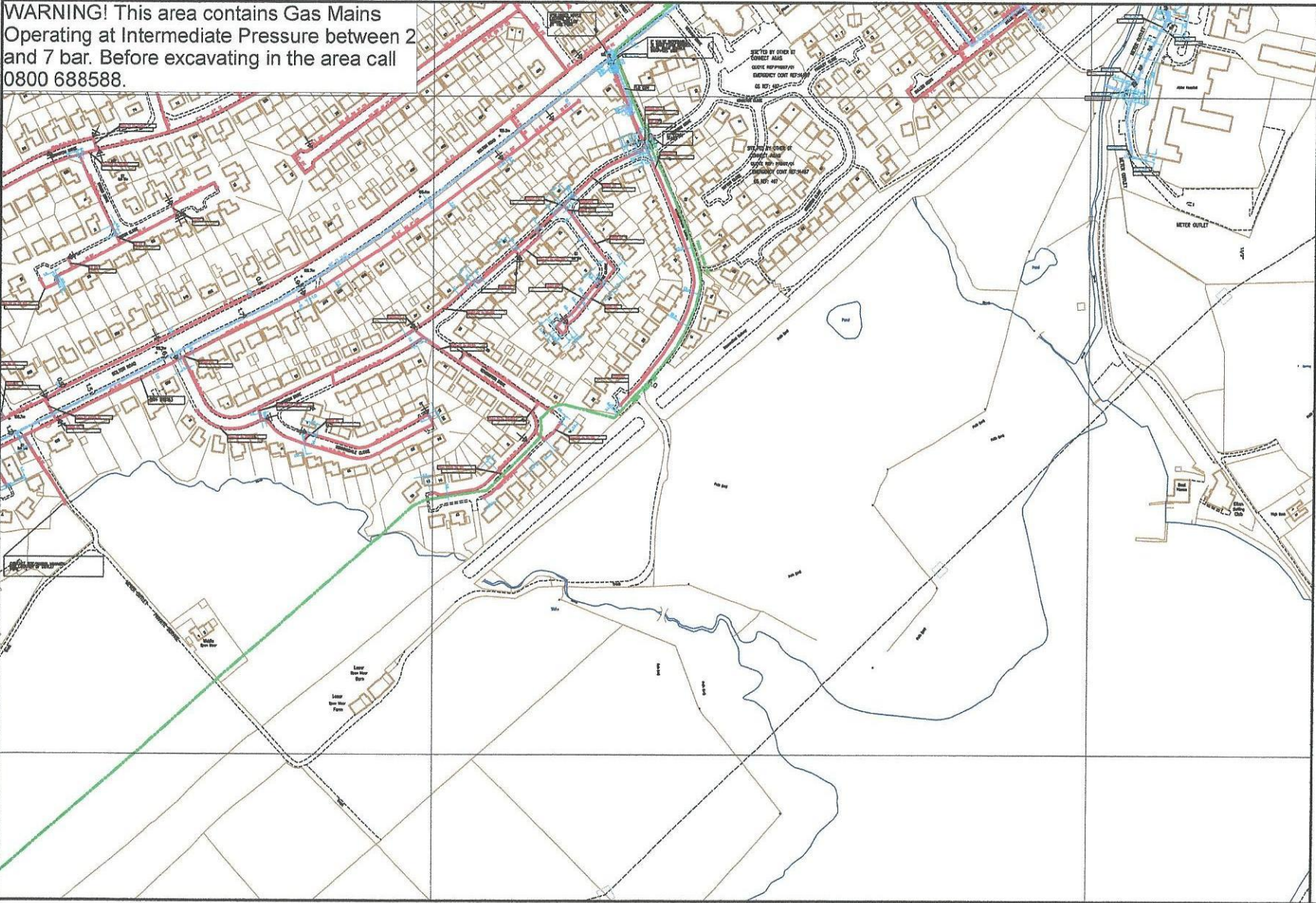
Local Machine

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Some examples of Plant Items:



WARNING! This area contains Gas Mains
Operating at Intermediate Pressure between 2
and 7 bar. Before excavating in the area call
0800 688588.



SCALE: Not to scale

USER ID: David Pritchard

DATE: 30/03/2017

EXTRACT DATE: 06/12/2016

MAP REF: SD7809

CENTRE: 378671, 409730

- | | |
|-----------|--|
| LP MAINS | |
| MP MAINS | |
| IP MAINS | |
| LHP MAINS | |
| NHP MAINS | |

Some examples of Plant Items:

Valve	Depth of Cover	Syphon	Diameter Change	Material Change	Out of Standard Service

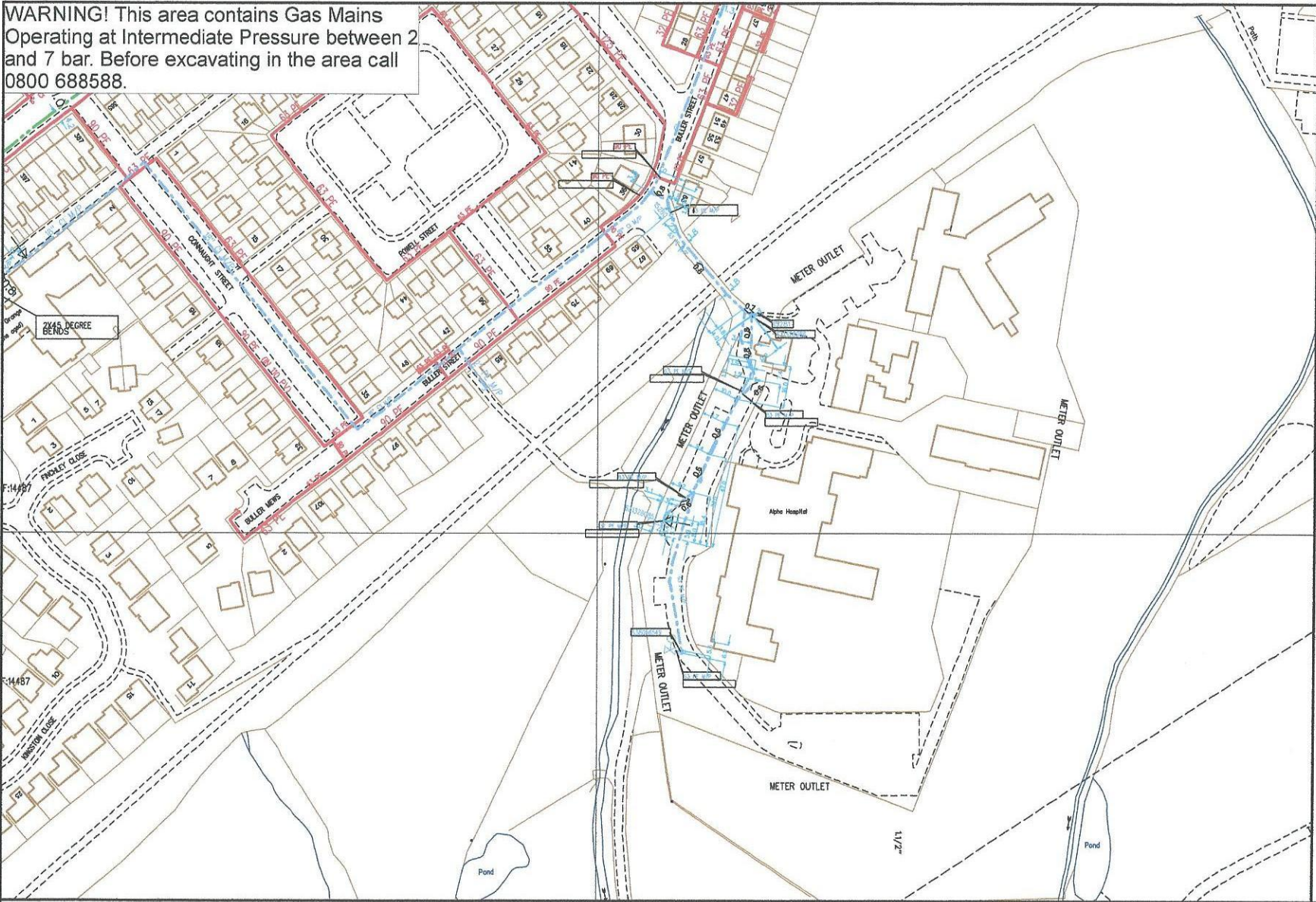
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Local Machine

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WARNING! This area contains Gas Mains
Operating at Intermediate Pressure between 2
and 7 bar. Before excavating in the area call
0800 688588.



SCALE: Not to scale
USER ID: David Pritchard
DATE: 30/03/2017
EXTRACT DATE: 06/12/2016
MAP REF: SD7910
CENTRE: 379024, 410031

LP MAINS
MP MAINS
IP MAINS
LHP MAINS
NHP MAINS

Some examples of Plant Items:
Valve
Depth of Cover
Syphon
Diameter Change
Material Change
Out of Standard Service

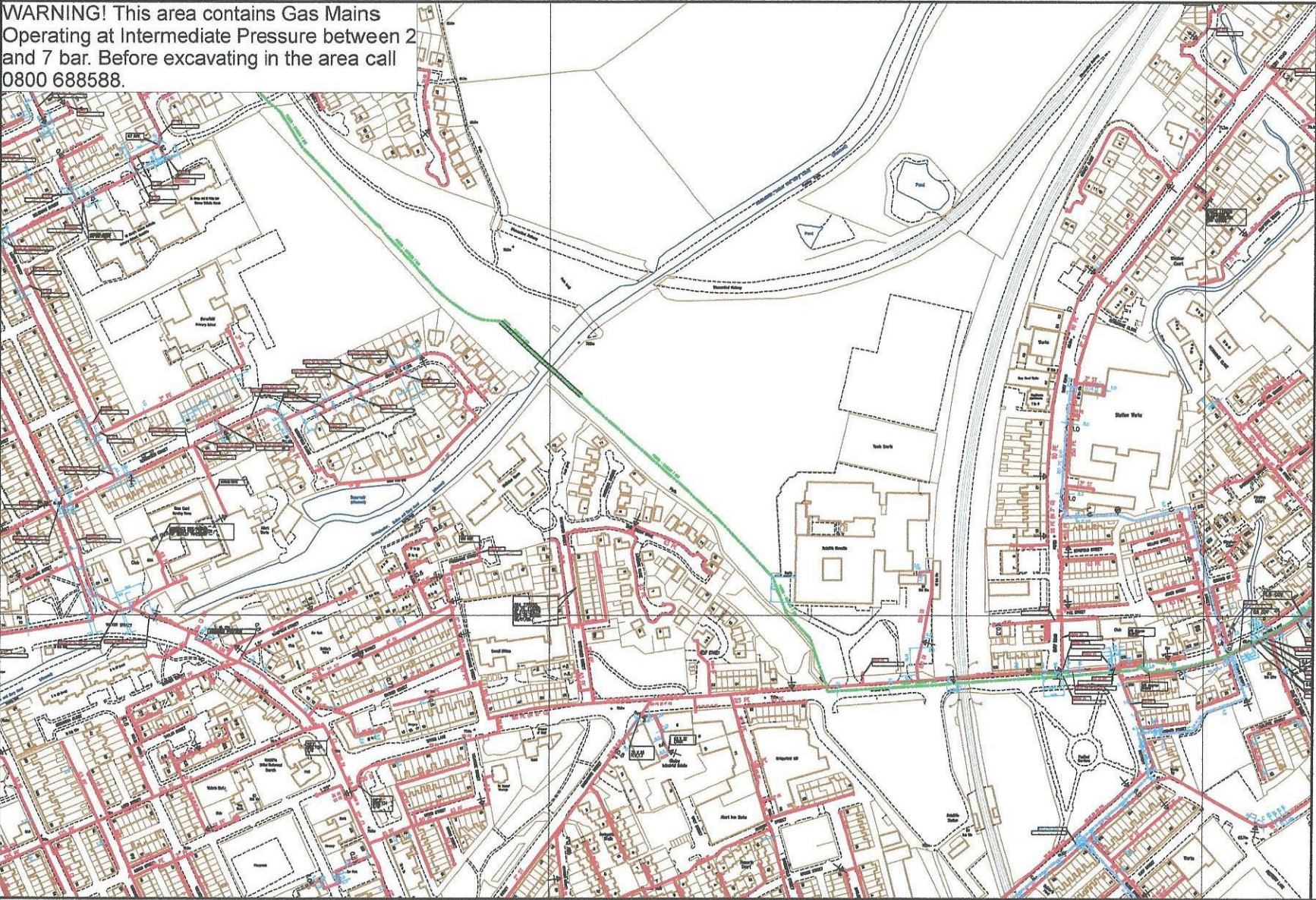
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Local Machine

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WARNING! This area contains Gas Mains
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and 7 bar. Before excavating in the area call
0800 688588.



SCALE: Not to scale
USER ID: David Pritchard
DATE: 30/03/2017
EXTRACT DATE: 06/12/2016
MAP REF: SD7807
CENTRE: 378582, 407626

LP MAINS
MP MAINS
IP MAINS
LHP MAINS
NHP MAINS

Some examples of Plant Items:
Valve
Depth of Cover
Syphon
Diameter Change
Material Change
Out of Standard Service

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MAPS Viewer Version 5.7.0.0

Local Machine

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SCALE: Not to scale

USER ID: David Pritchard

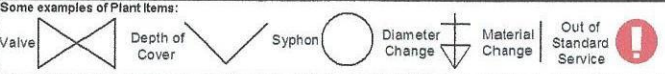
DATE: 30/03/2017

EXTRACT DATE: 06/12/2016

MAP REF: SD7709

CENTRE: 377770, 409499

- LP MAINS
- MP MAINS
- IP MAINS
- LHP MAINS
- NHP MAINS



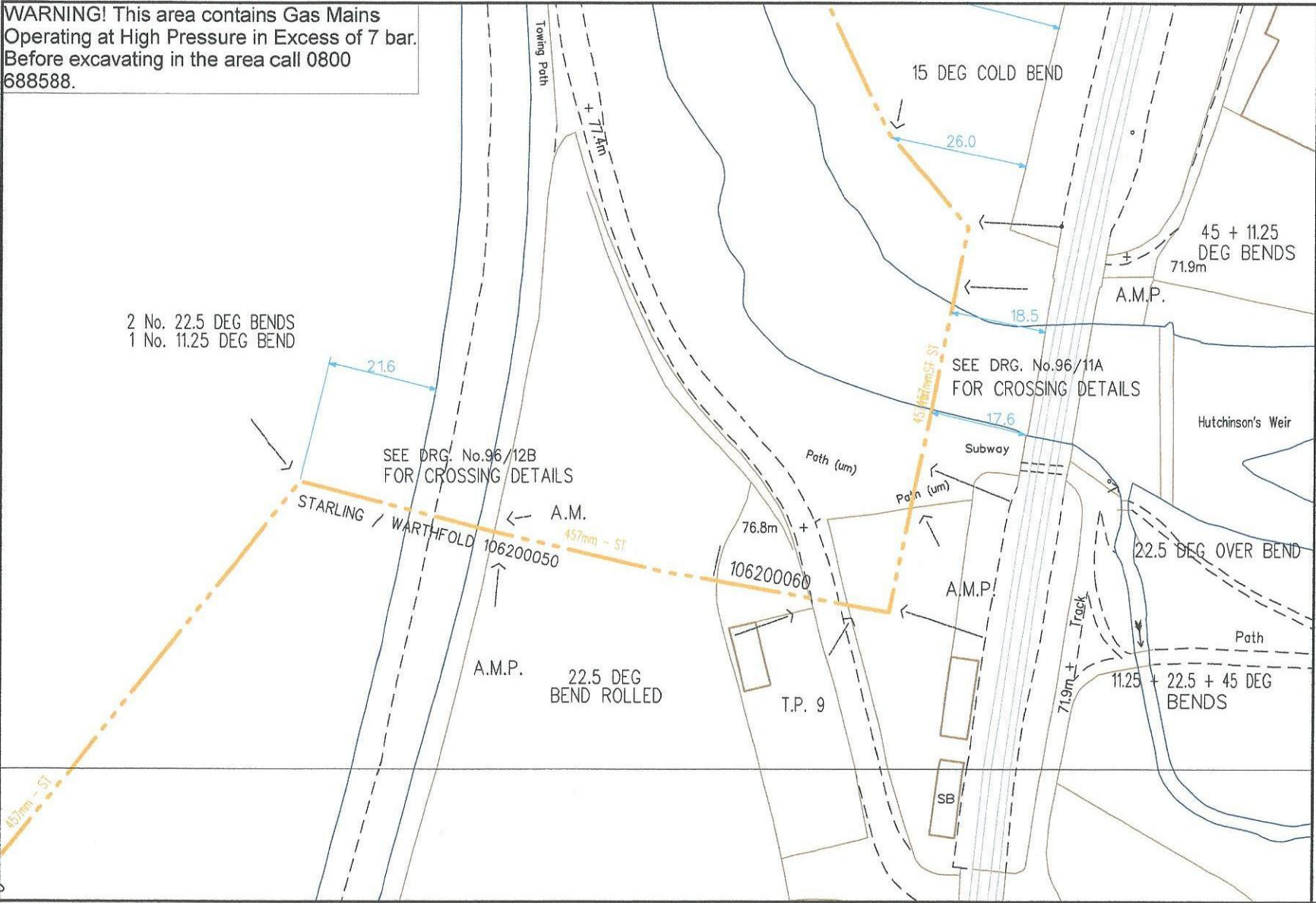
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MAPS Viewer Version 5.7.0.0

Local Machine

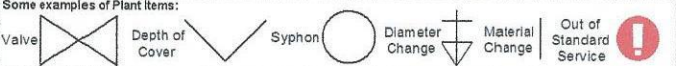
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WARNING! This area contains Gas Mains
Operating at High Pressure in Excess of 7 bar.
Before excavating in the area call 0800
688588.



SCALE: Not to scale
USER ID: David Pritchard
DATE: 30/03/2017
EXTRACT DATE: 06/12/2016
MAP REF: SD7909
CENTRE: 379317, 409060

LP MAINS	—
MP MAINS	- - -
IP MAINS	- . - .
LHP MAINS	- - - -
NHP MAINS	- - - -



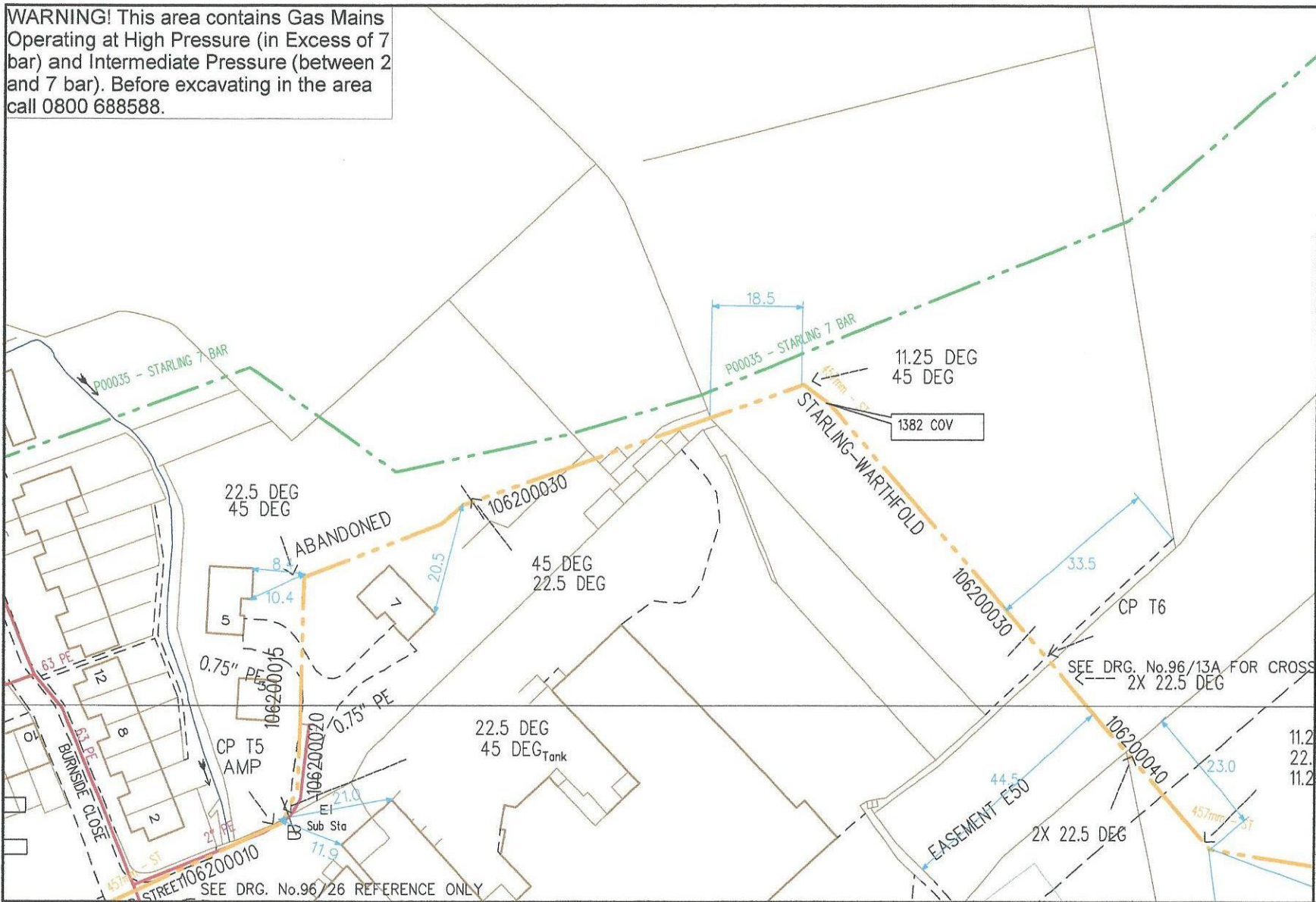
This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown 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 5.7.0.0

Local Machine

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WARNING! This area contains Gas Mains Operating at High Pressure (in Excess of 7 bar) and Intermediate Pressure (between 2 and 7 bar). Before excavating in the area call 0800 688588.



SCALE: Not to scale	LP MAINS	
USER ID: David Pritchard	MP MAINS	
DATE: 30/03/2017	IP MAINS	
EXTRACT DATE: 06/12/2016	LHP MAINS	
MAP REF: SD7709	NHP MAINS	
CENTRE: 377726, 409048		

Some examples of Plant Items:

Valve	Depth of Cover	Syphon	Diameter Change	Material Change	Out of Standard Service
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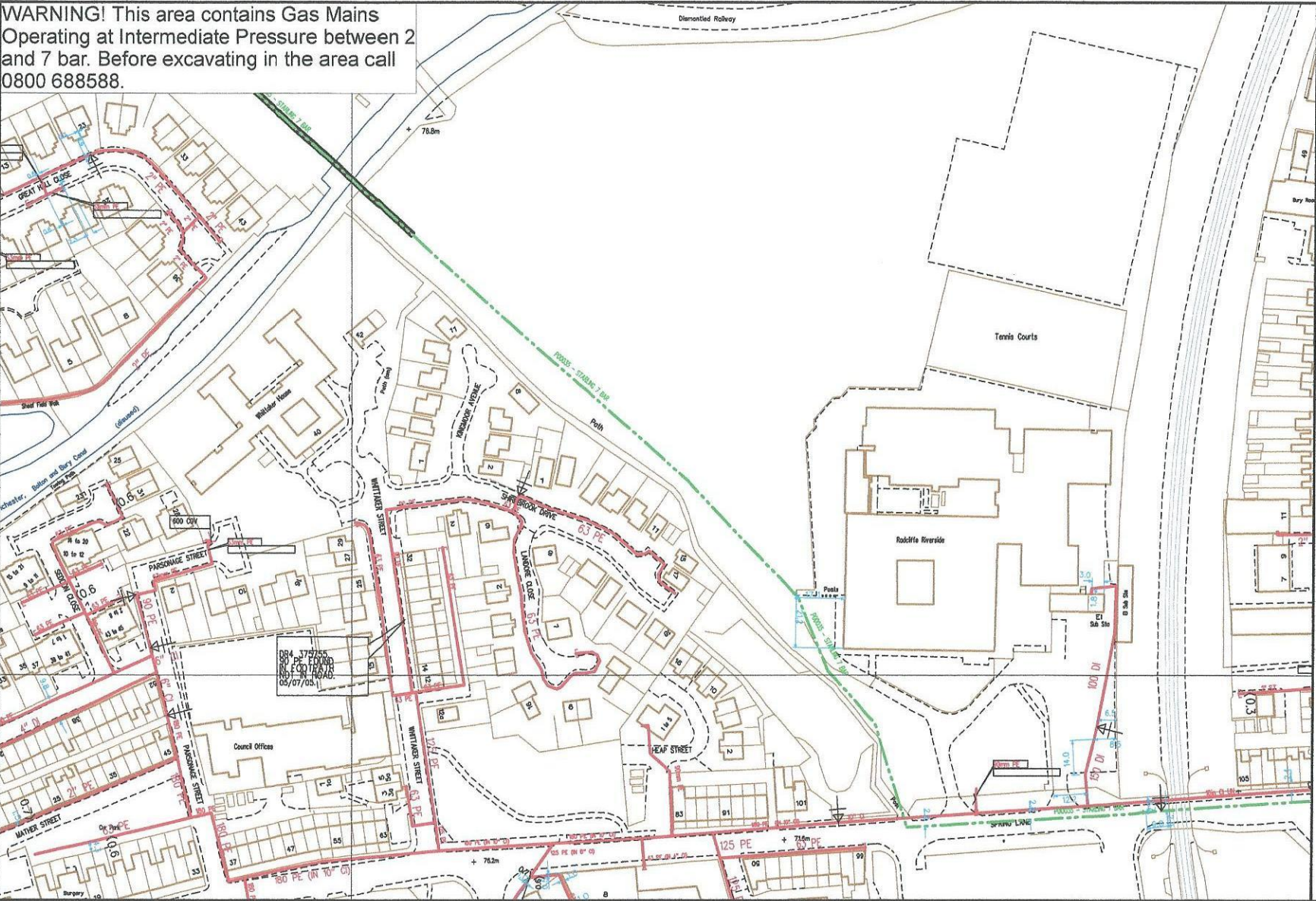
This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown 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 5.7.0.0

Local Machine

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WARNING! This area contains Gas Mains Operating at Intermediate Pressure between 2 and 7 bar. Before excavating in the area call 0800 688588.



SCALE: Not to scale
USER ID: David Pritchard
DATE: 30/03/2017
EXTRACT DATE: 06/12/2016
MAP REF: SD7807
CENTRE: 378616, 407585

LP MAINS
MP MAINS
IP MAINS
LHP MAINS
NHP MAINS

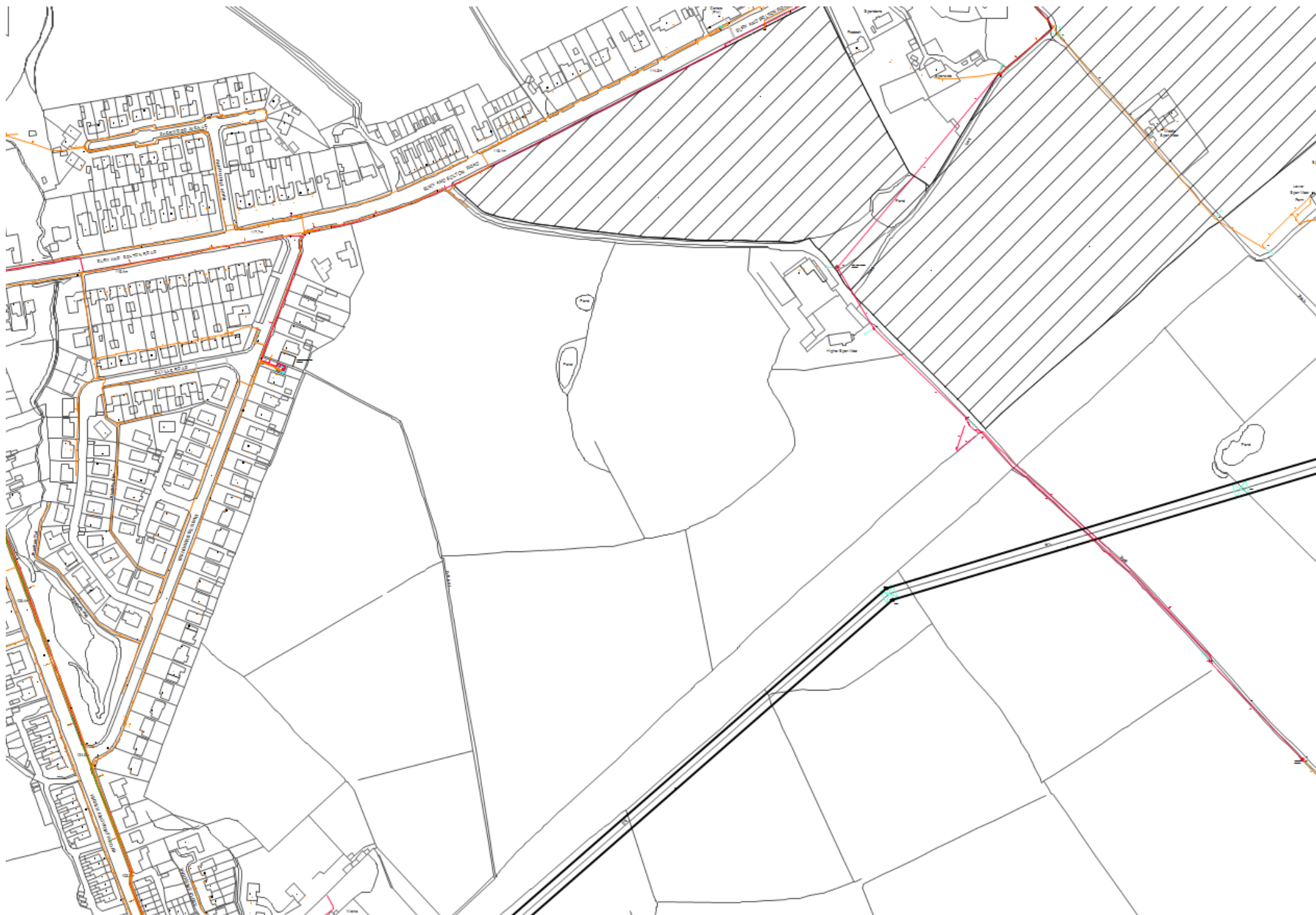
Some examples of Plant Items:
Valve
Depth of Cover
Syphon
Diameter Change
Material Change
Out of Standard Service

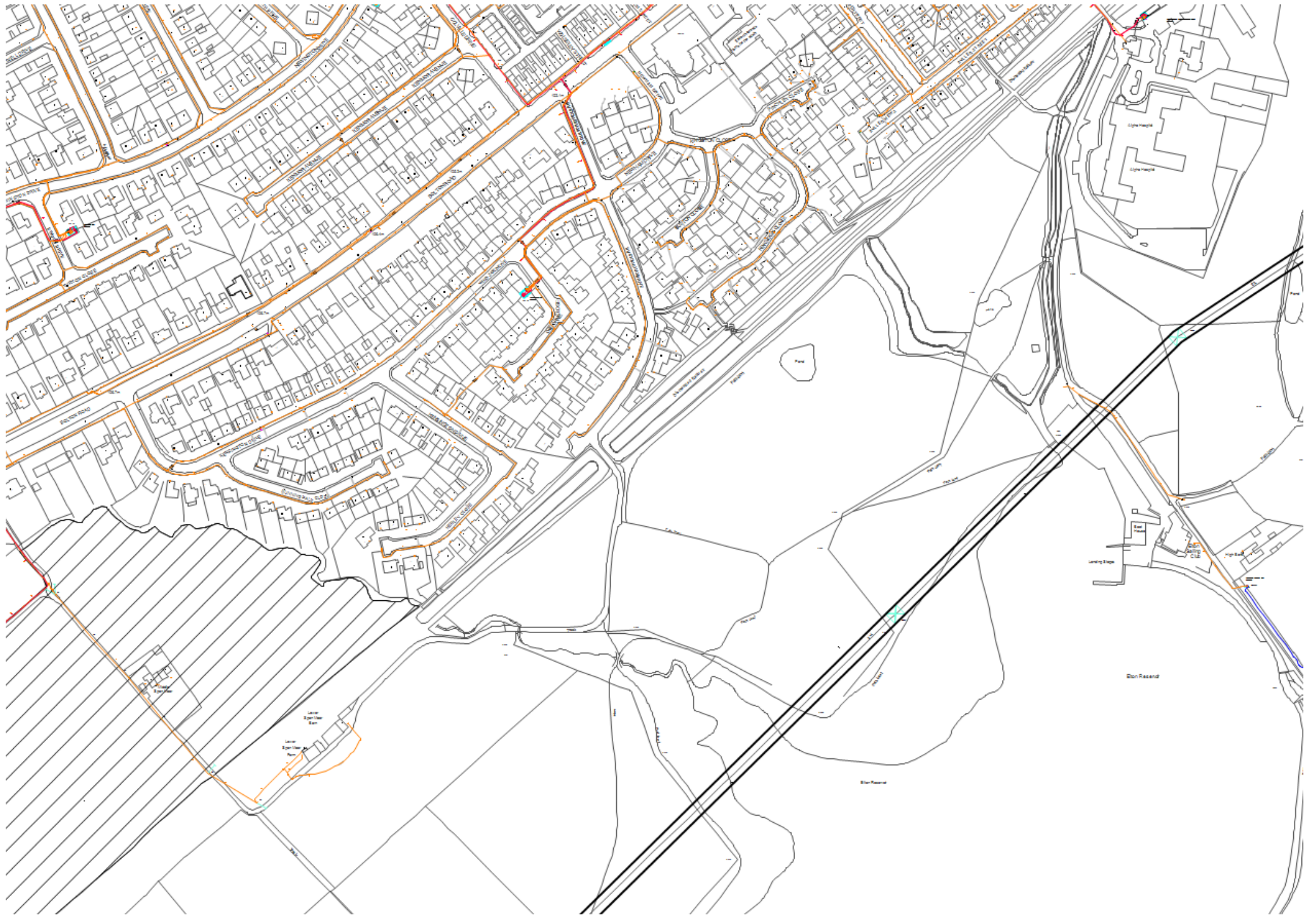
This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown 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 5.7.0.0

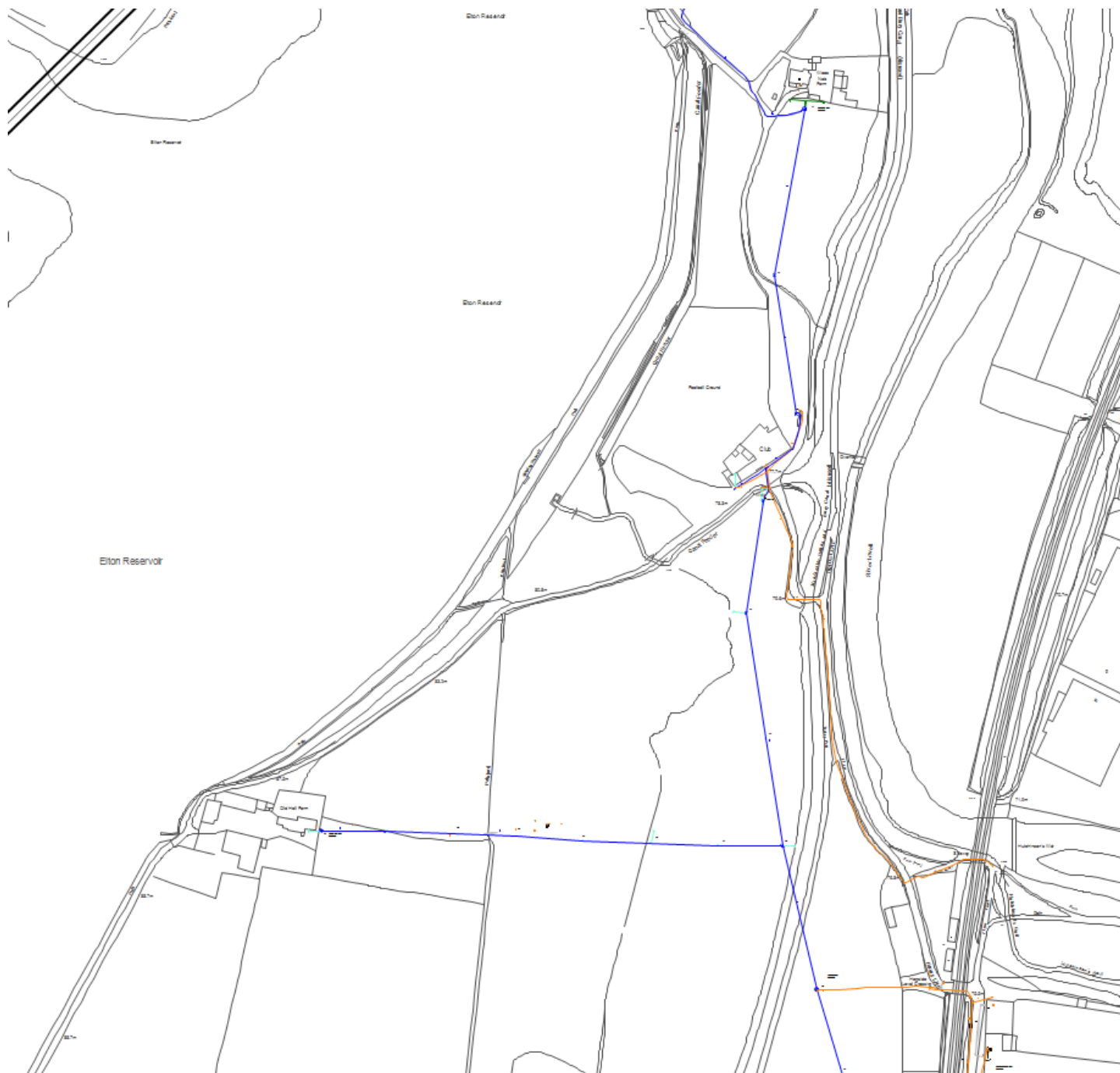
Local Machine

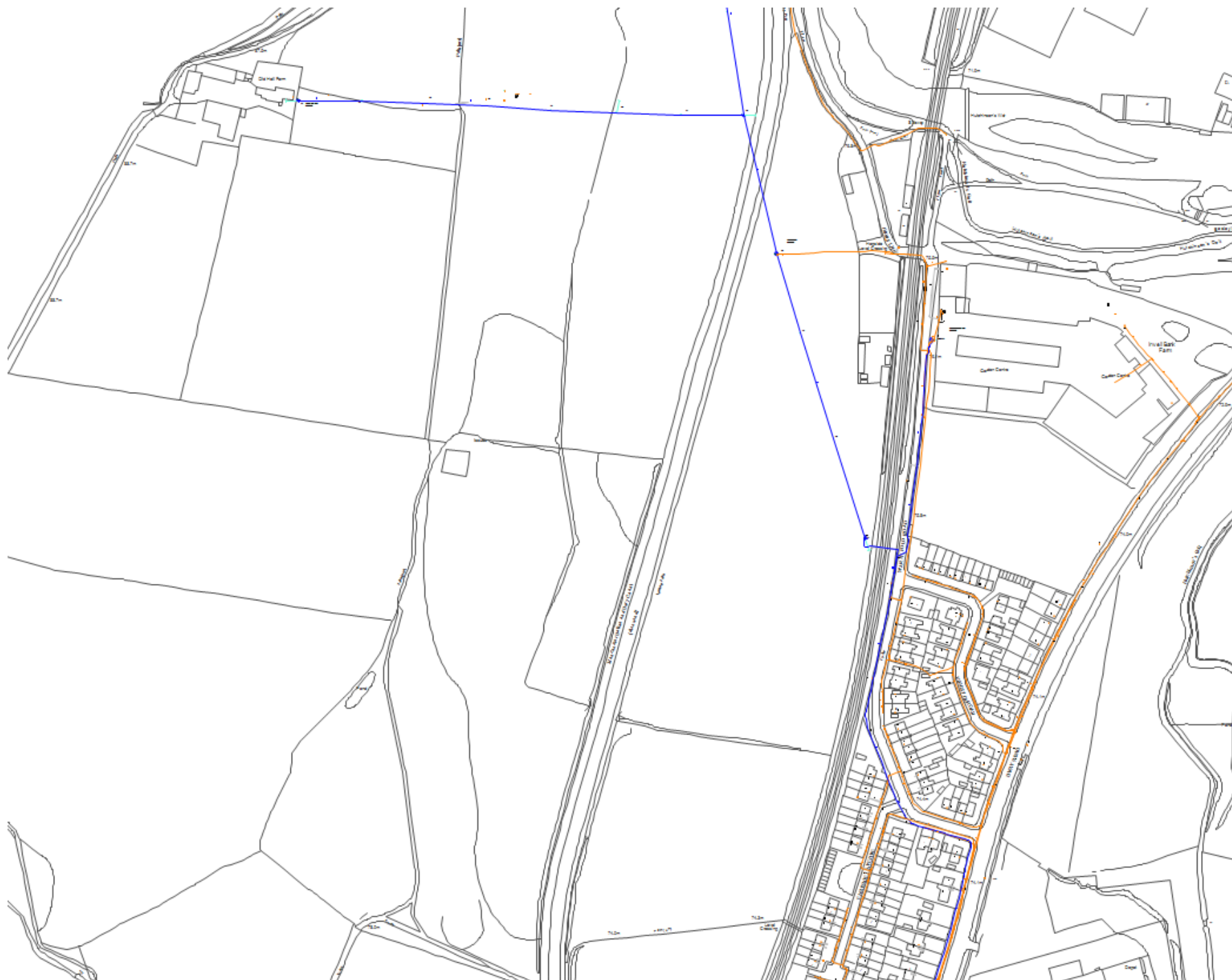
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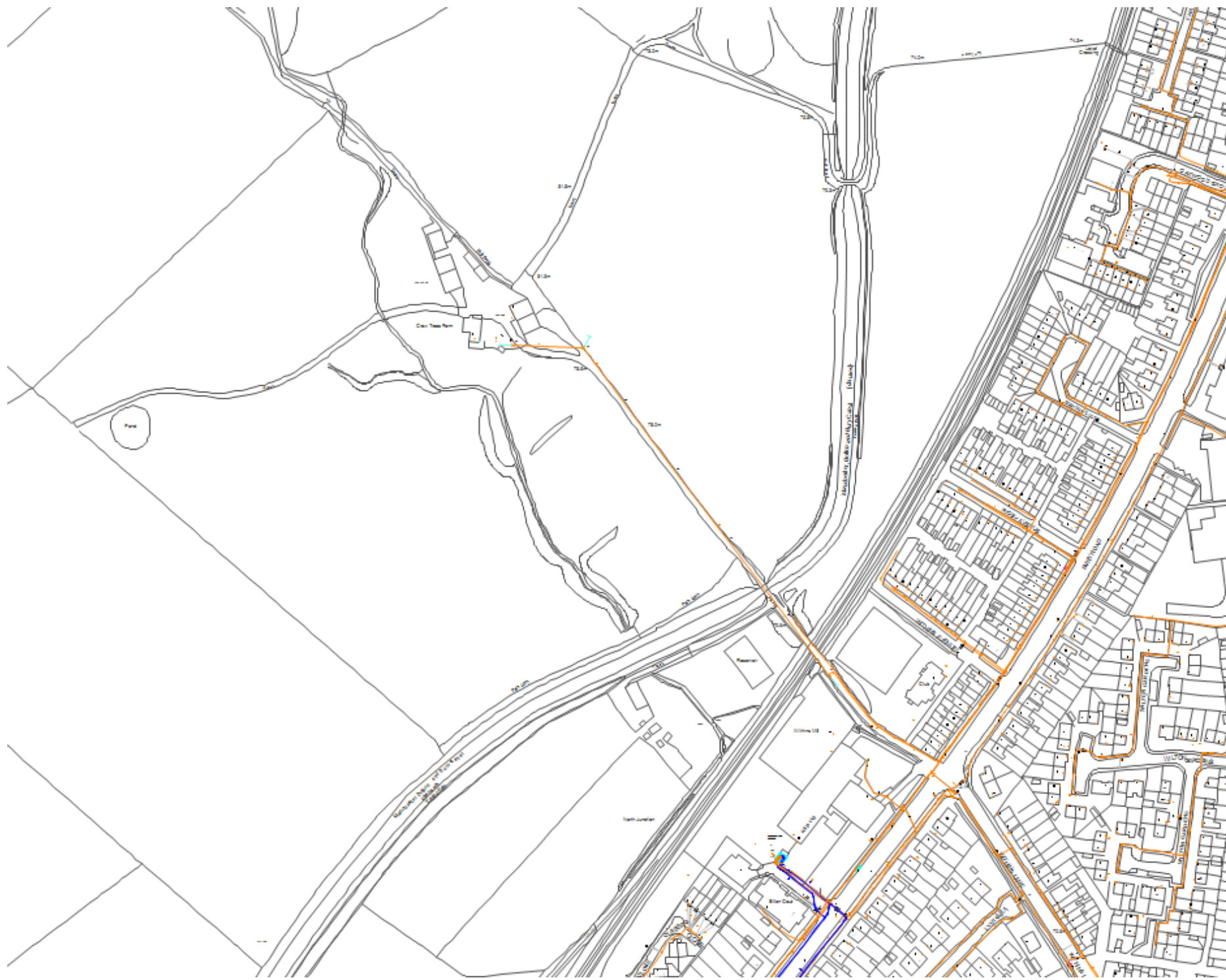


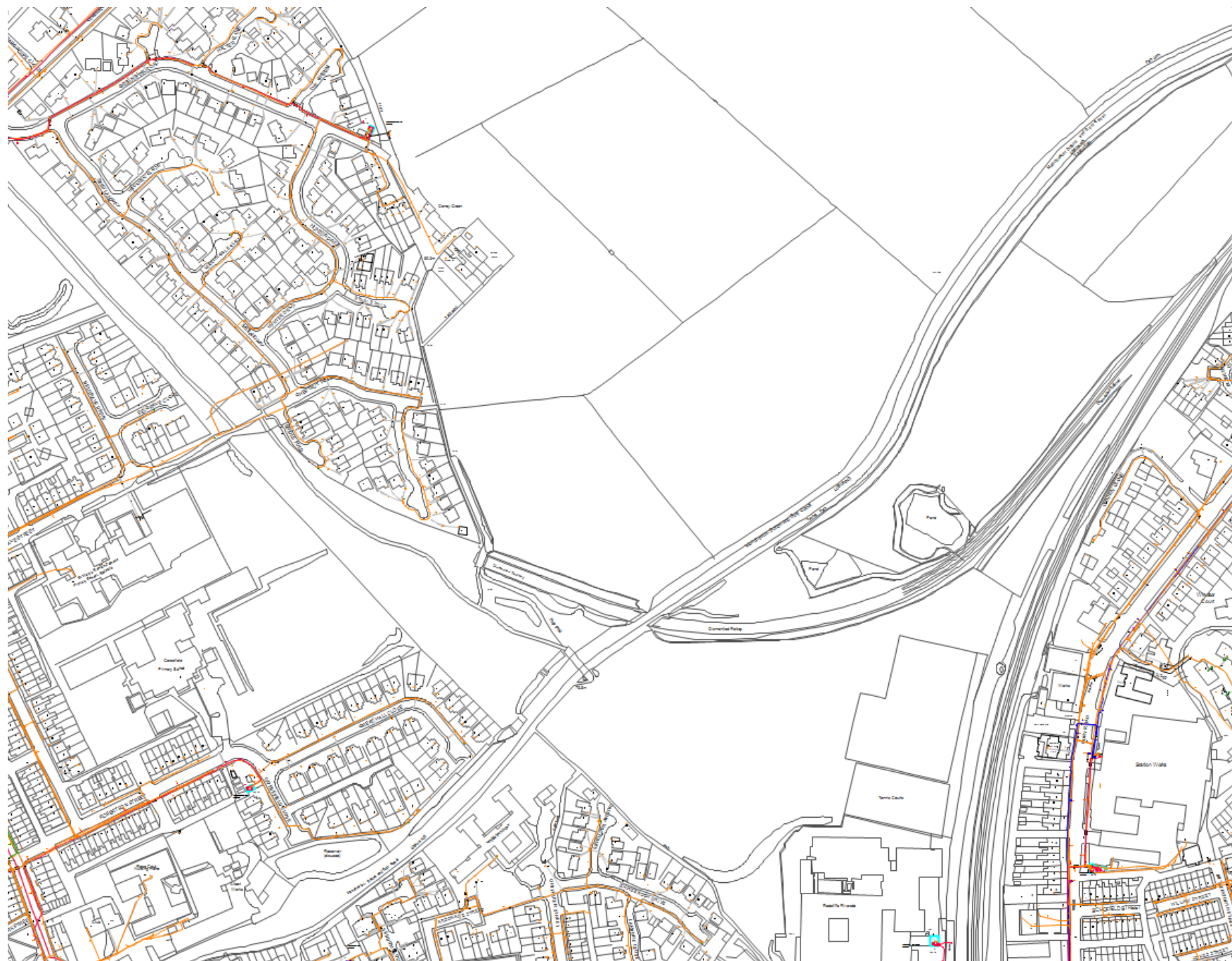


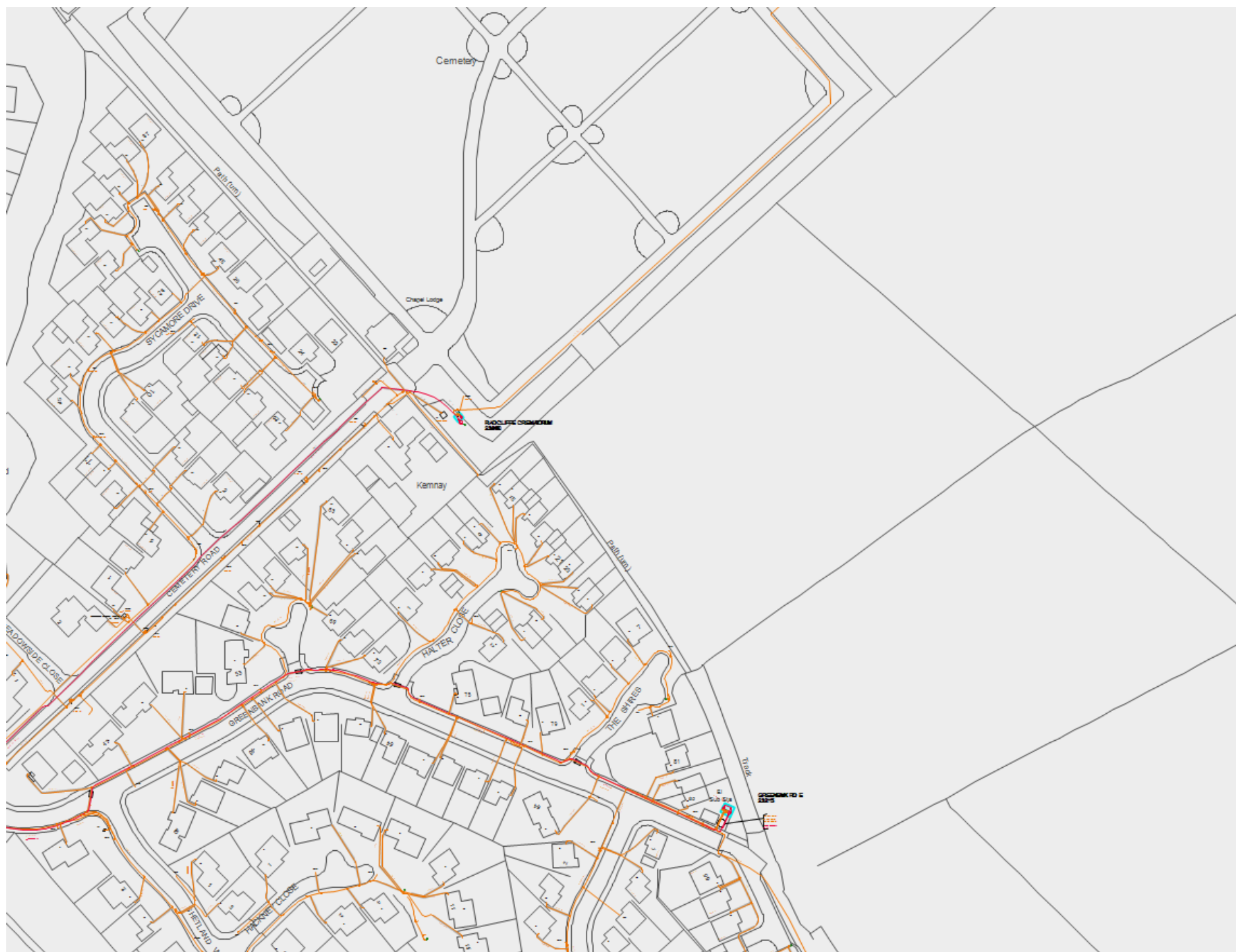


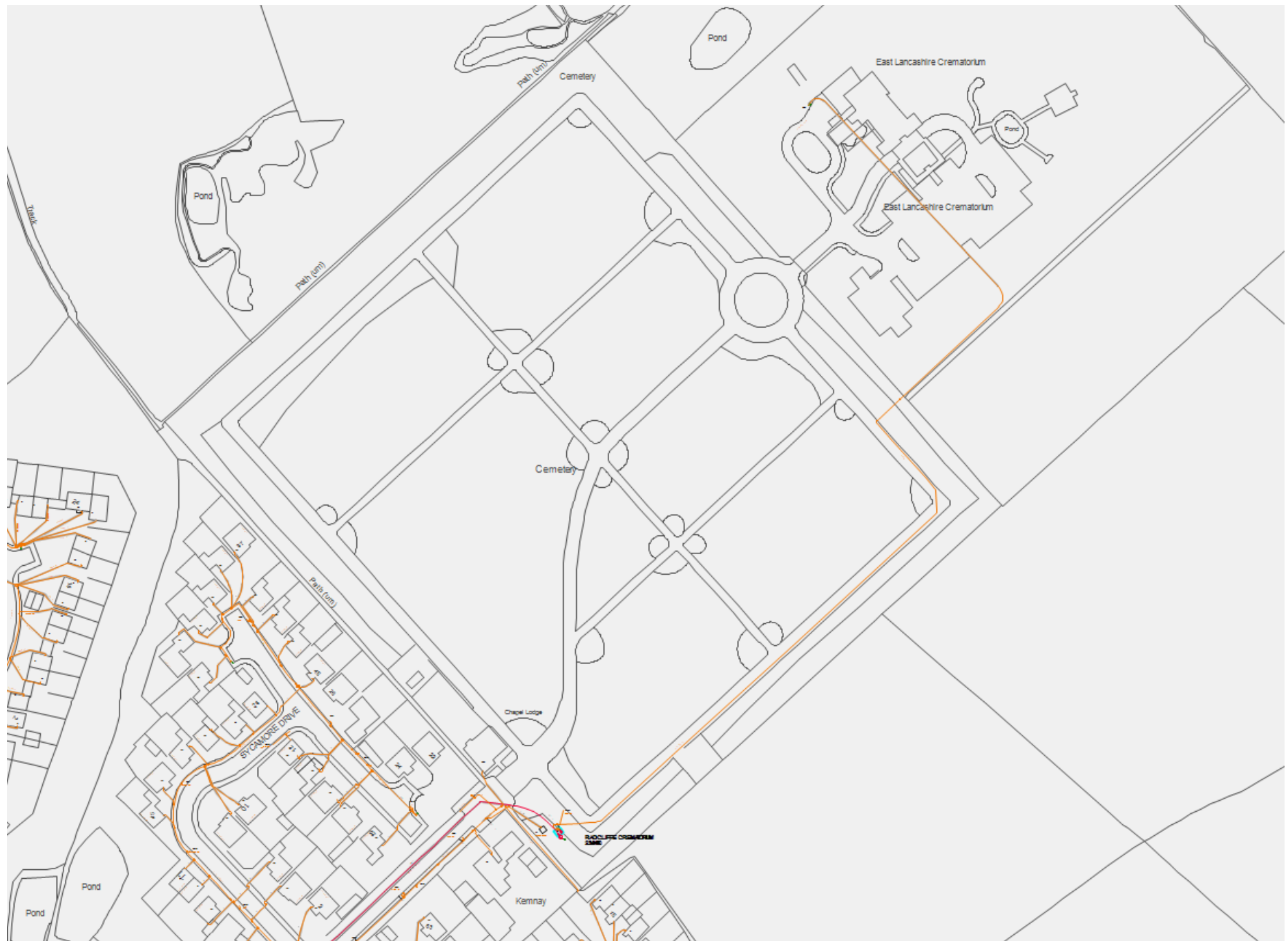


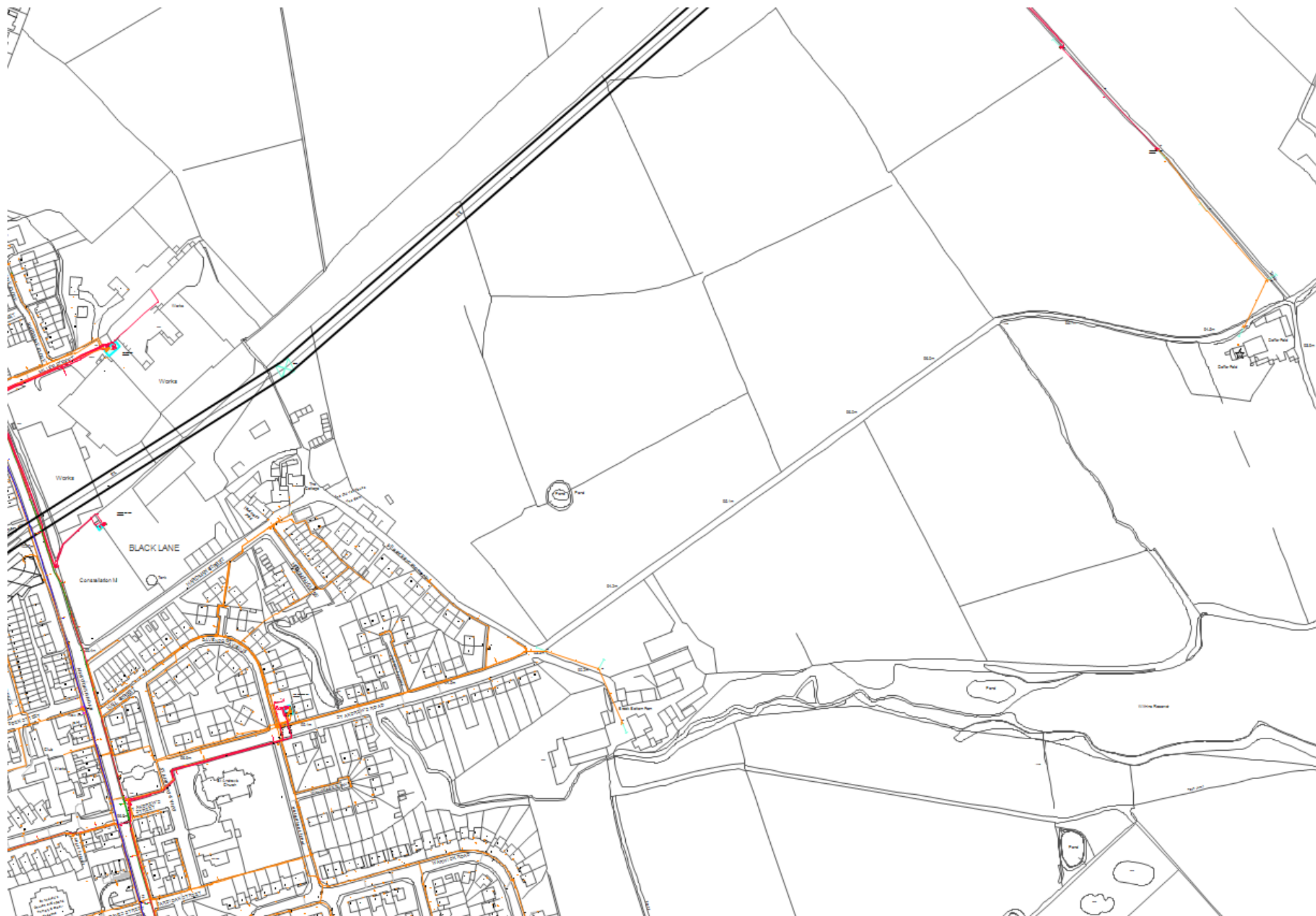


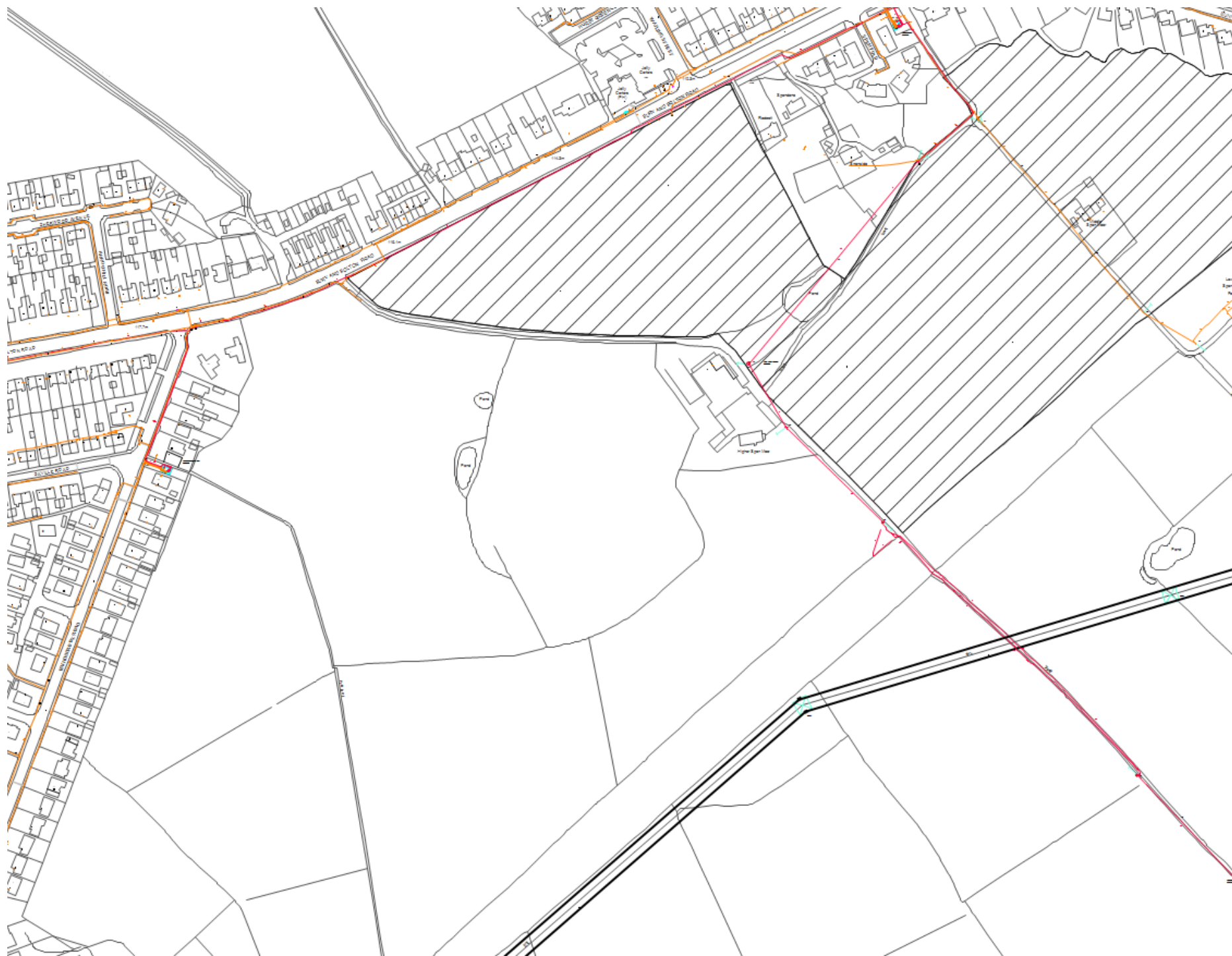




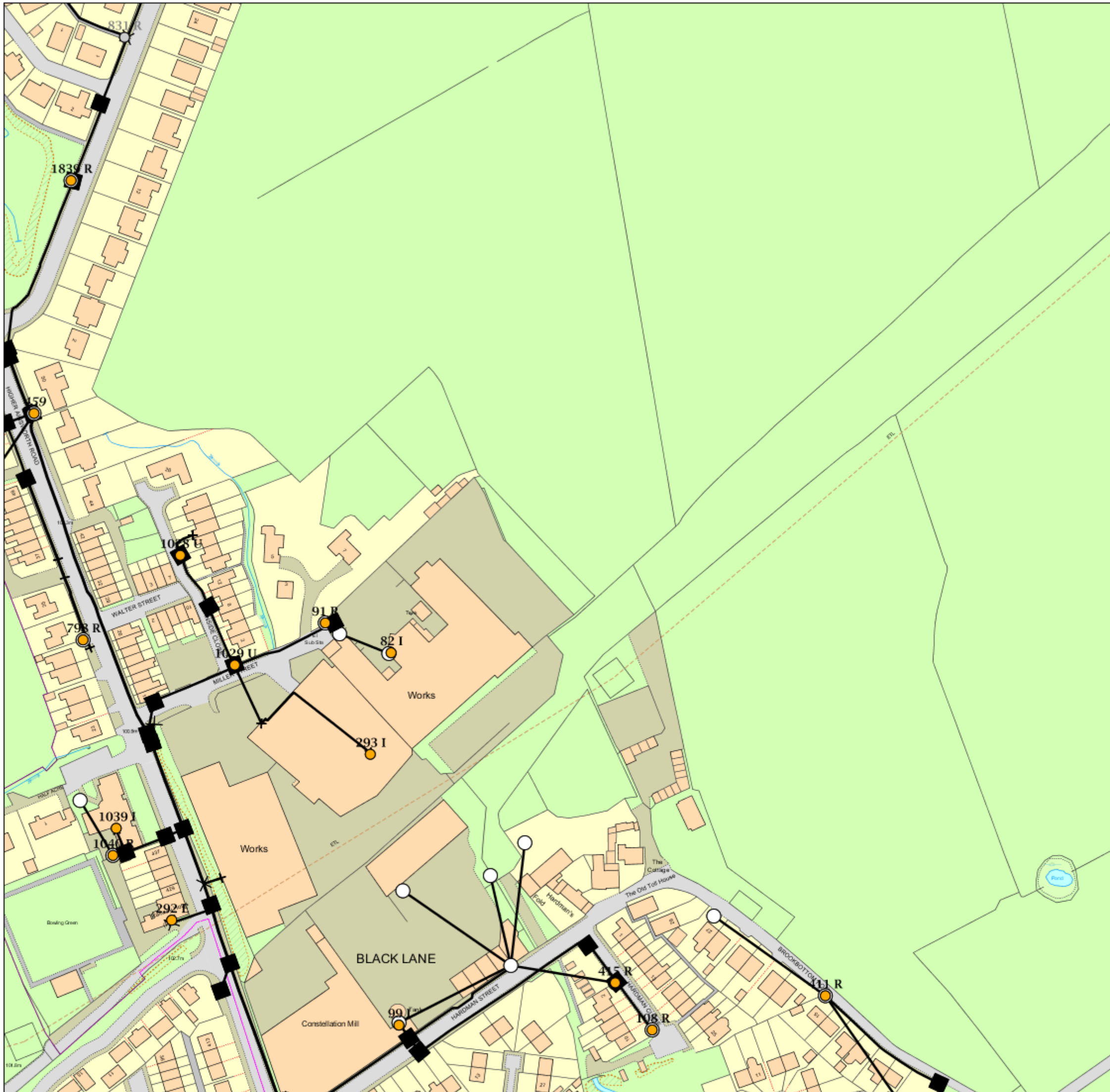








Maps by email Plant Information Reply



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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	
Planned		Duct Tee	
Inferred		Planned Box	
Building		Manhole	
Kiosk		Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

Other proposed plant is shown using dashed lines.
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Information valid at time of preparation

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BT Ref : EPX02162C
Map Reference : (centre) SD7777209020
Easting/Northing : (centre) 377772,4090
Issued : 30/03/2017 14:16:33

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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	
Planned		Duct Tee	
Inferred		Planned Box	
Building		Manhole	
Kiosk		Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

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BT Ref : QEX02273E

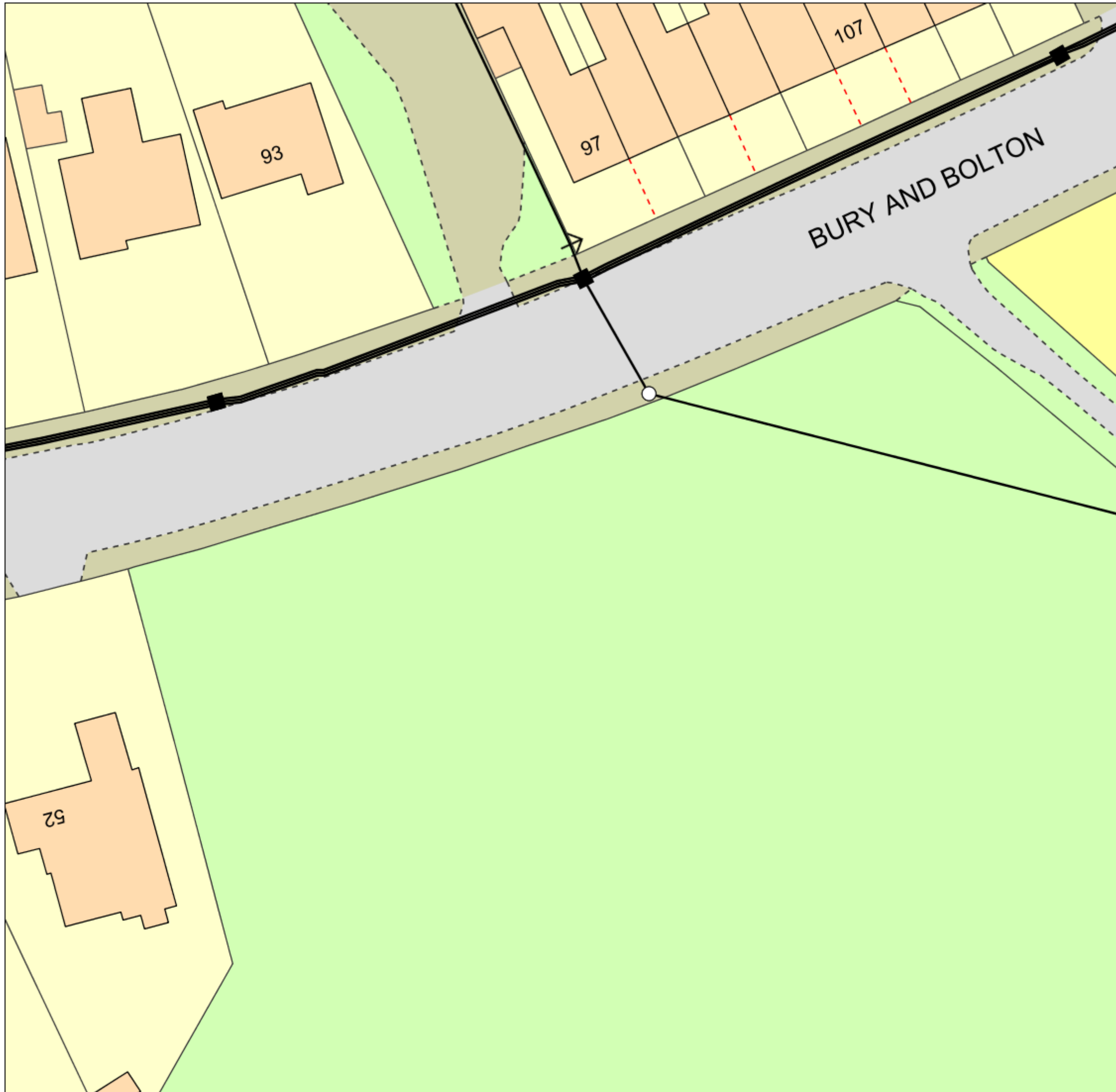
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Easting/Northing : (centre) 378008,4087

Issued : 30/03/2017 14:27:22

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Maps by email Plant Information Reply



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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	
Planned		Duct Tee	
Inferred		Planned Box	
Building		Manhole	
Kiosk		Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

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Information valid at time of preparation

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BT Ref : FOC02081G
Map Reference : (centre) SD7775609519
Easting/Northing : (centre) 377756,4095
Issued : 30/03/2017 14:09:03

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Maps by email Plant Information Reply



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KEY TO BT SYMBOLS

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

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BT Ref : HCH02155S

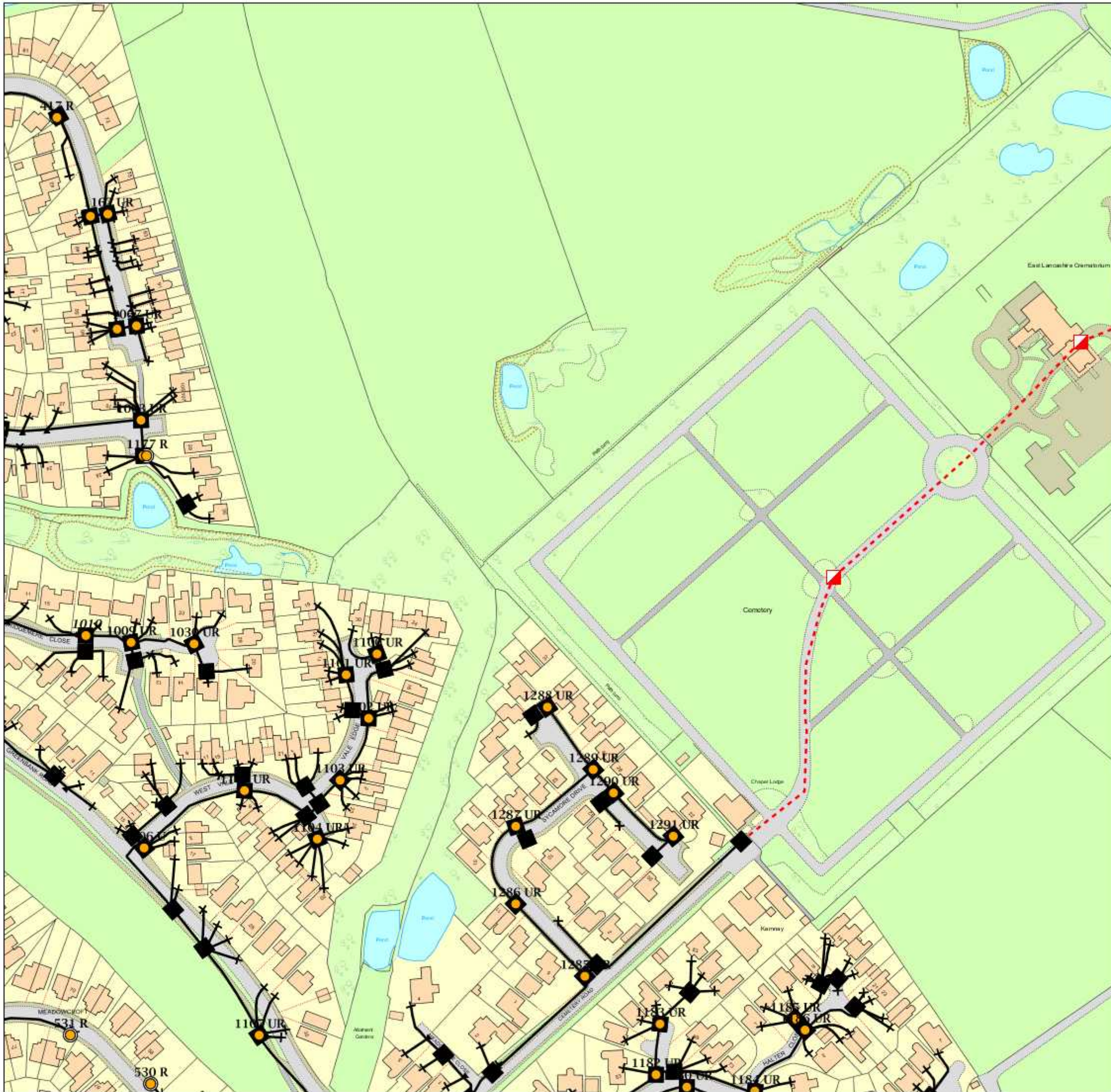
Map Reference : (centre) SD7837908440

Easting/Northing : (centre) 378379,4084

Issued : 30/03/2017 14:16:17

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





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KEY TO BT SYMBOLS

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

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BT Ref : KKB02106F

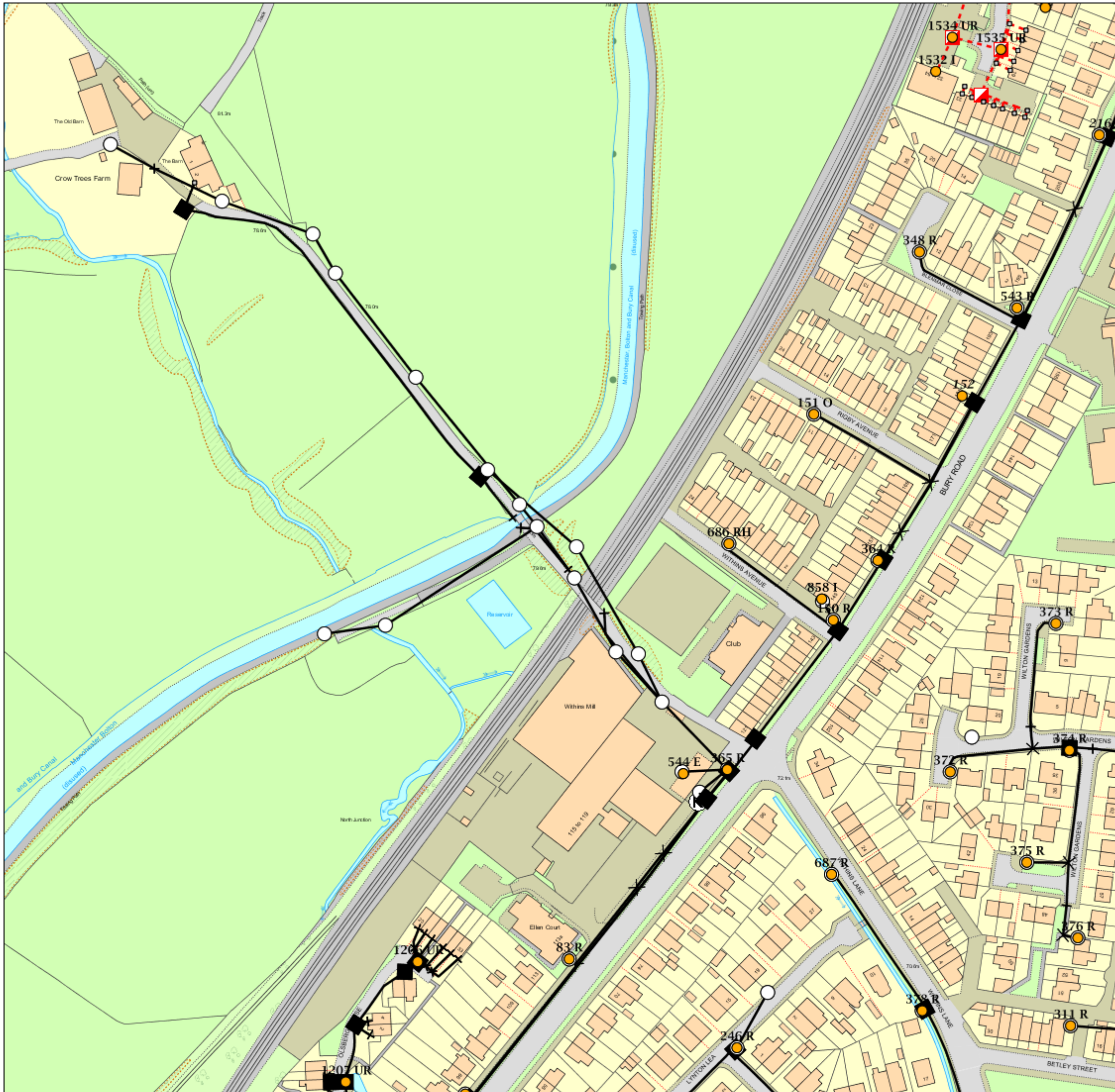
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Easting/Northing : (centre) 378176,4083

Issued : 30/03/2017 14:10:39

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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	
Planned		Duct Tee	
Inferred		Planned Box	
Building		Manhole	
Kiosk		Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

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BT Ref : EBZ02169E

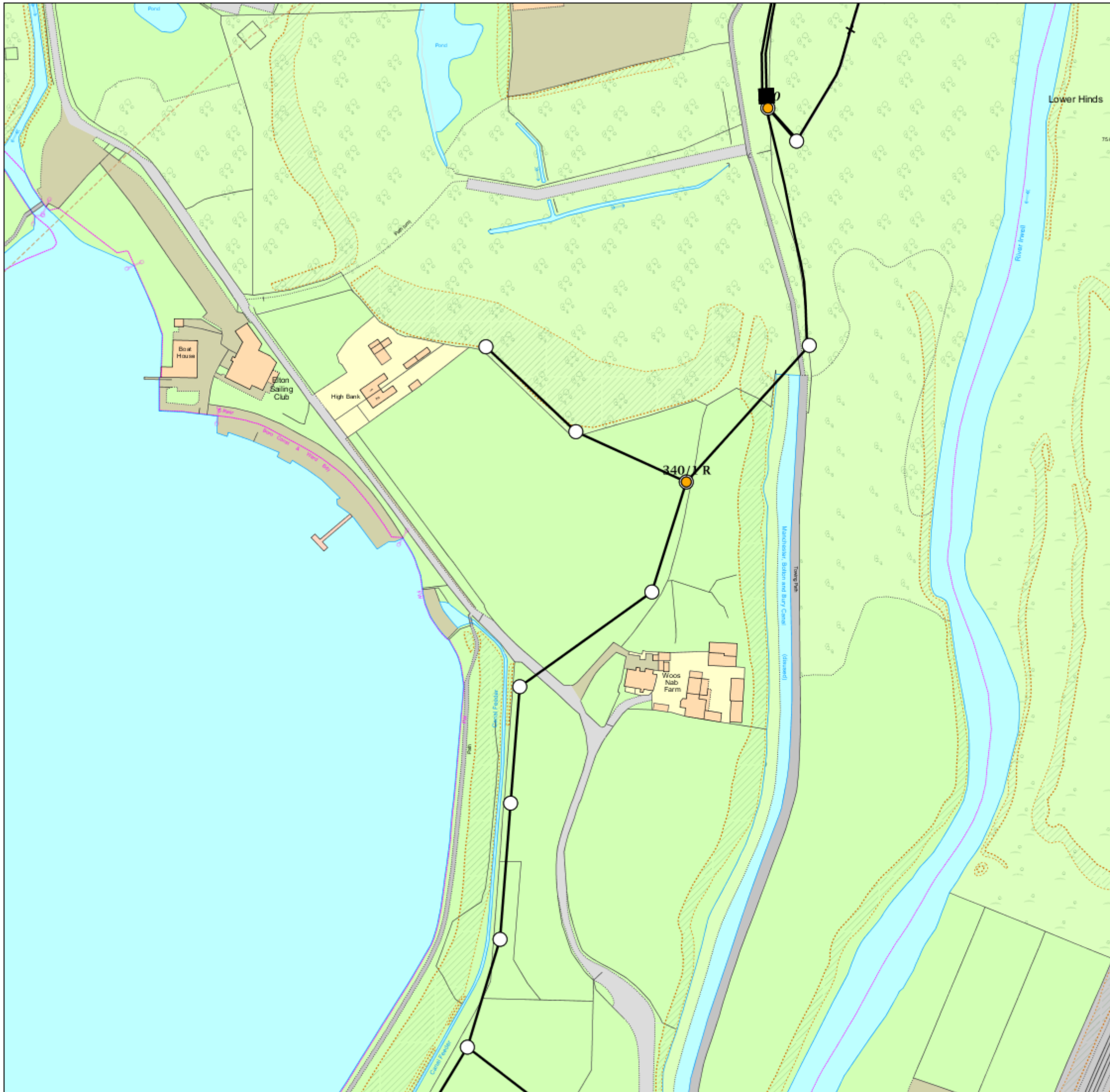
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Easting/Northing : (centre) 379105,4081

Issued : 30/03/2017 14:17:18

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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	
Planned		Duct Tee	
Inferred		Planned Box	
Building		Manhole	
Kiosk		Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

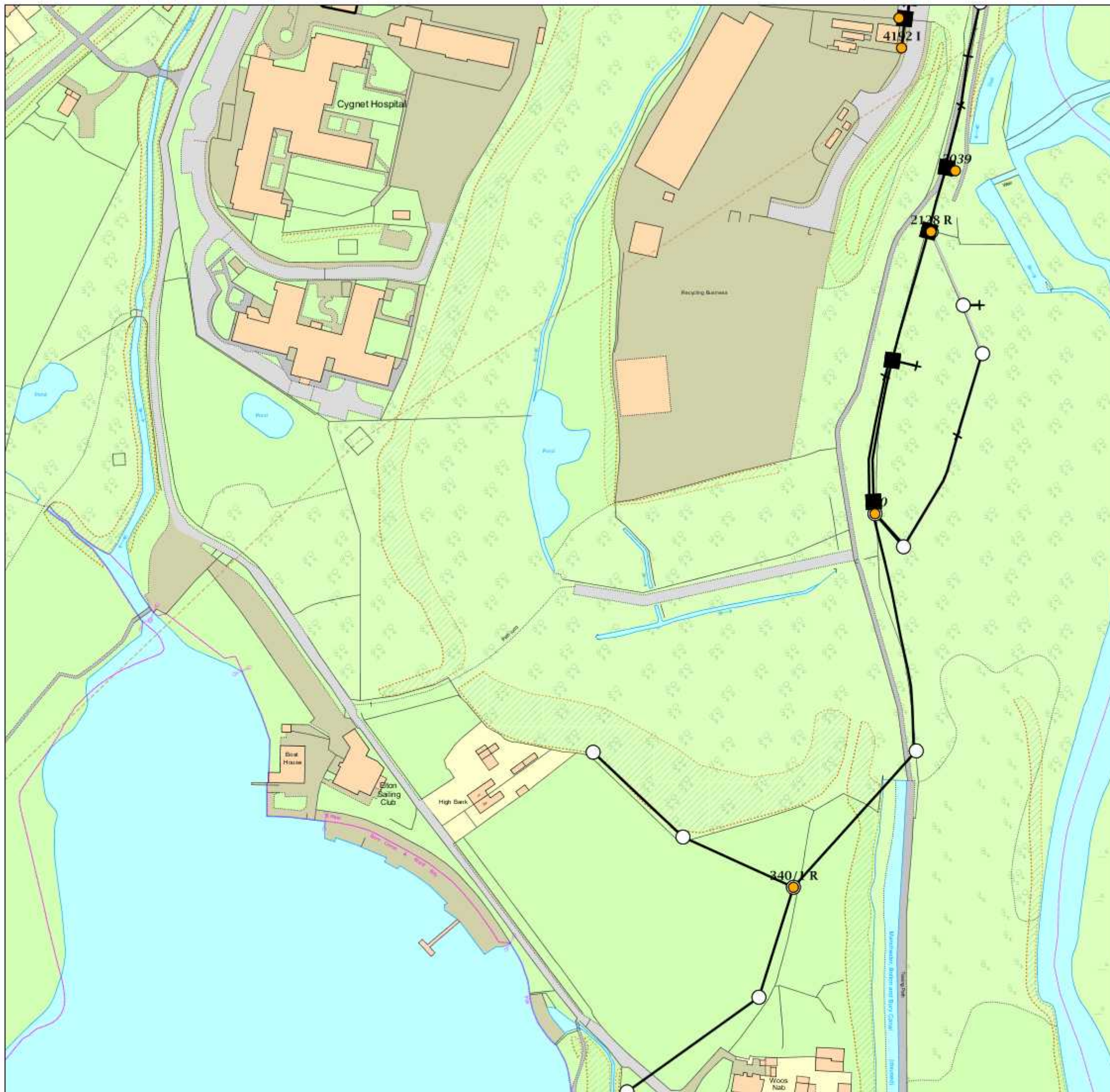
Other proposed plant is shown using dashed lines.
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BT Ref : RXD02151W
Map Reference : (centre) SD7924009615
Easting/Northing : (centre) 379240,4096
Issued : 30/03/2017 14:15:57

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Maps by email Plant Information Reply



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KEY TO BT SYMBOLS

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

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

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BT Ref : CPY02098L

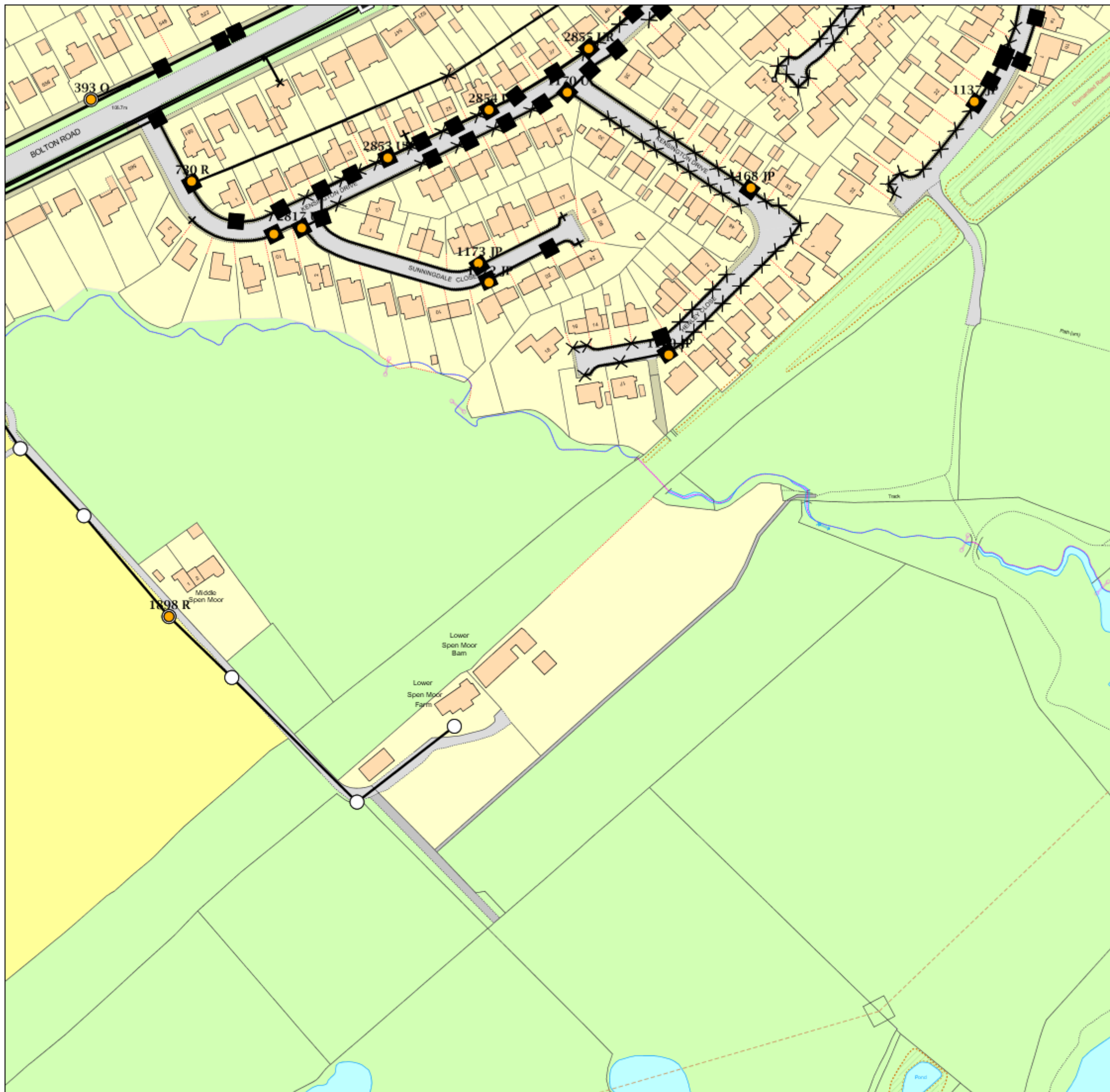
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Easting/Northing : (centre) 379192,4098

Issued : 30/03/2017 14:10:01

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Maps by email Plant Information Reply



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KEY TO BT SYMBOLS

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

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

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Existing BT Plant may not be recorded.
Information valid at time of preparation

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BT Ref : AQU02271X

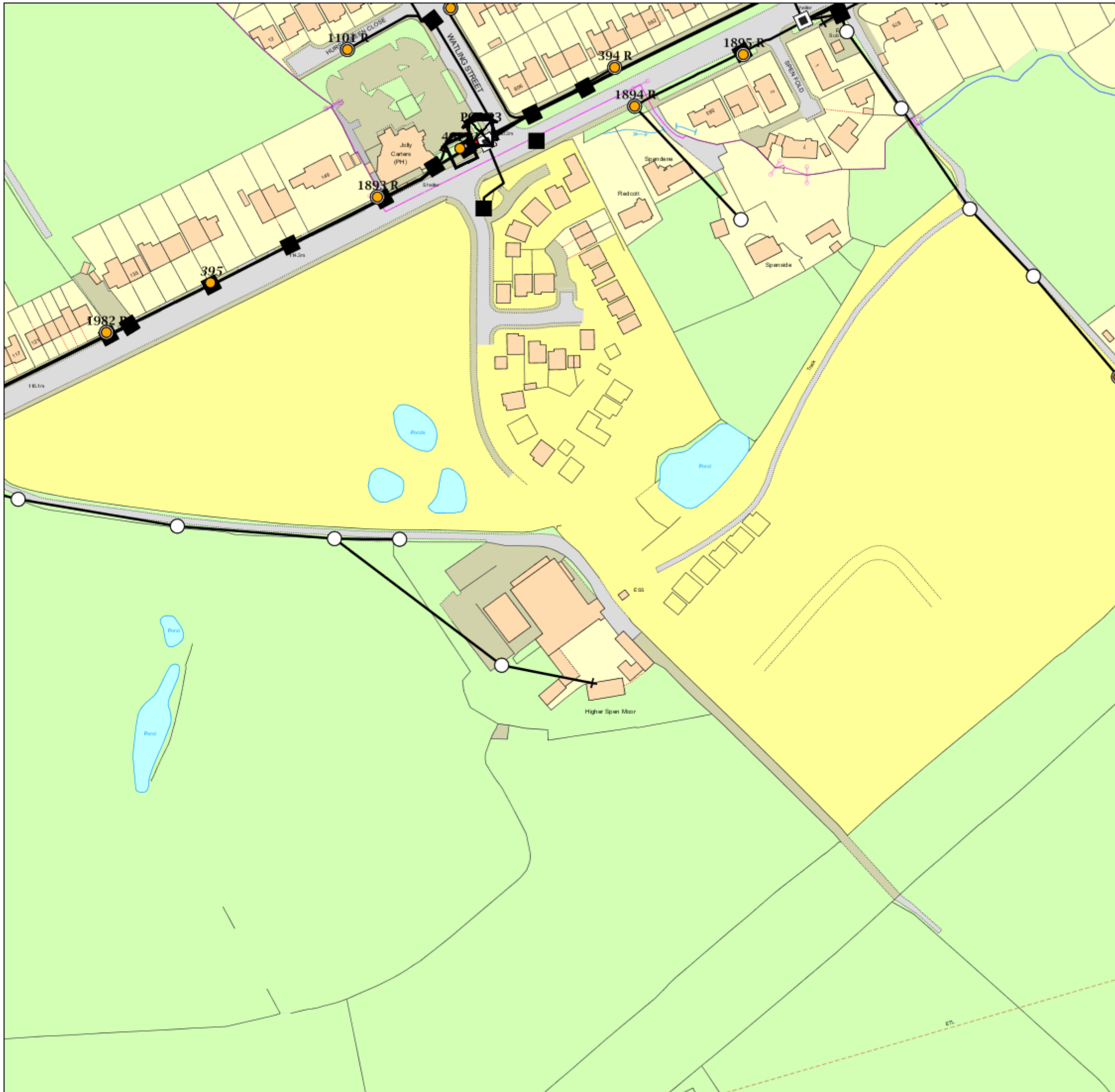
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Easting/Northing : (centre) 378490,4096

Issued : 30/03/2017 14:28:00

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Maps by email Plant Information Reply



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KEY TO BT SYMBOLS

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

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

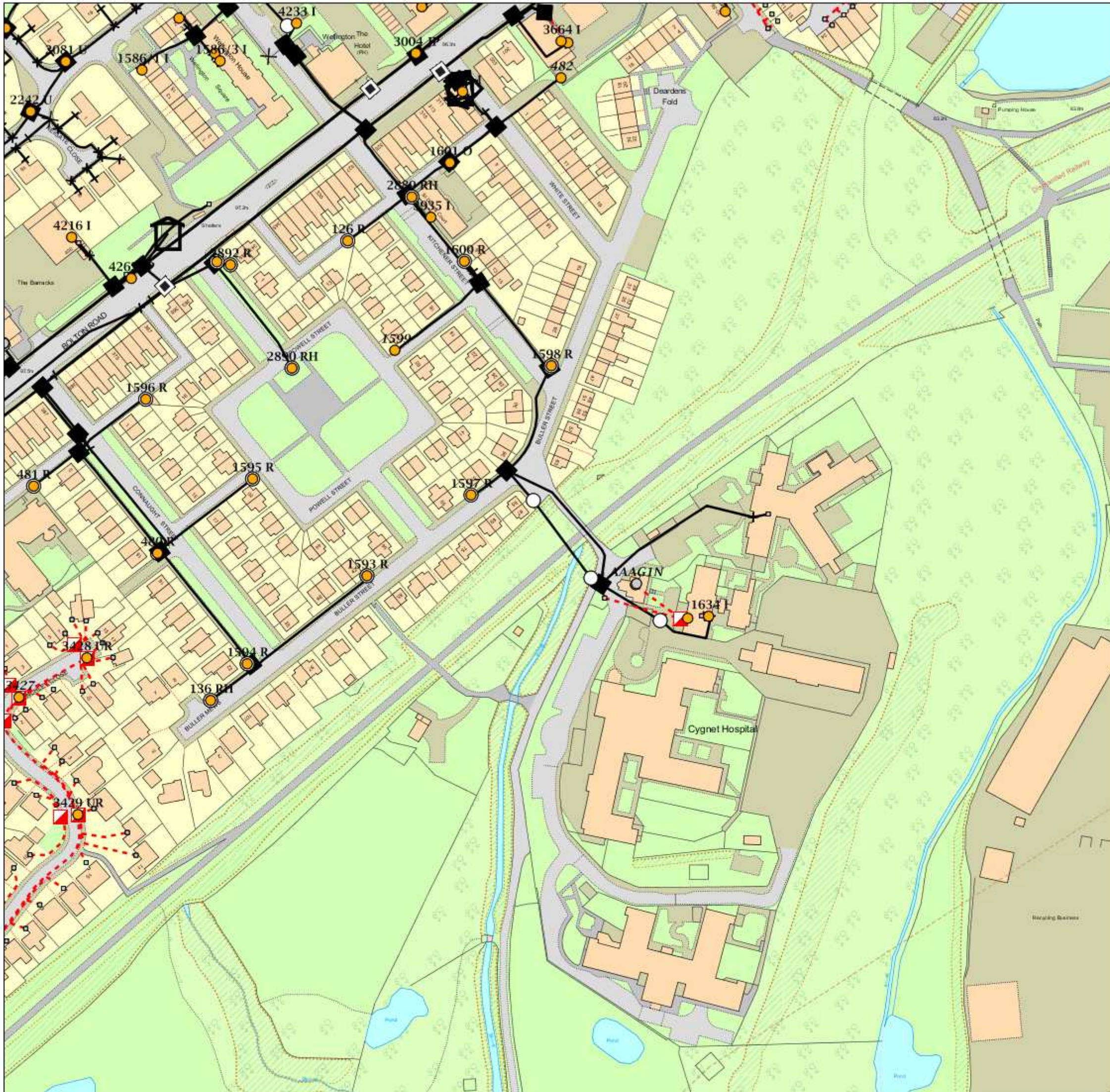
Other proposed plant is shown using dashed lines.
BT Symbols not listed above maybe disregarded.
Existing BT Plant may not be recorded.
Information valid at time of preparation

openreach
a BT Group business

BT Ref : YLG02276C
Map Reference : (centre) SD7806309496
Easting/Northing : (centre) 378063,4094
Issued : 30/03/2017 14:27:38

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
a BT Group business

CLICK BEFORE YOU DIG

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

email cbyd@openreach.co.uk

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

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KEY TO BT SYMBOLS

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

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

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

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a BT Group business

BT Ref : EEL02289A

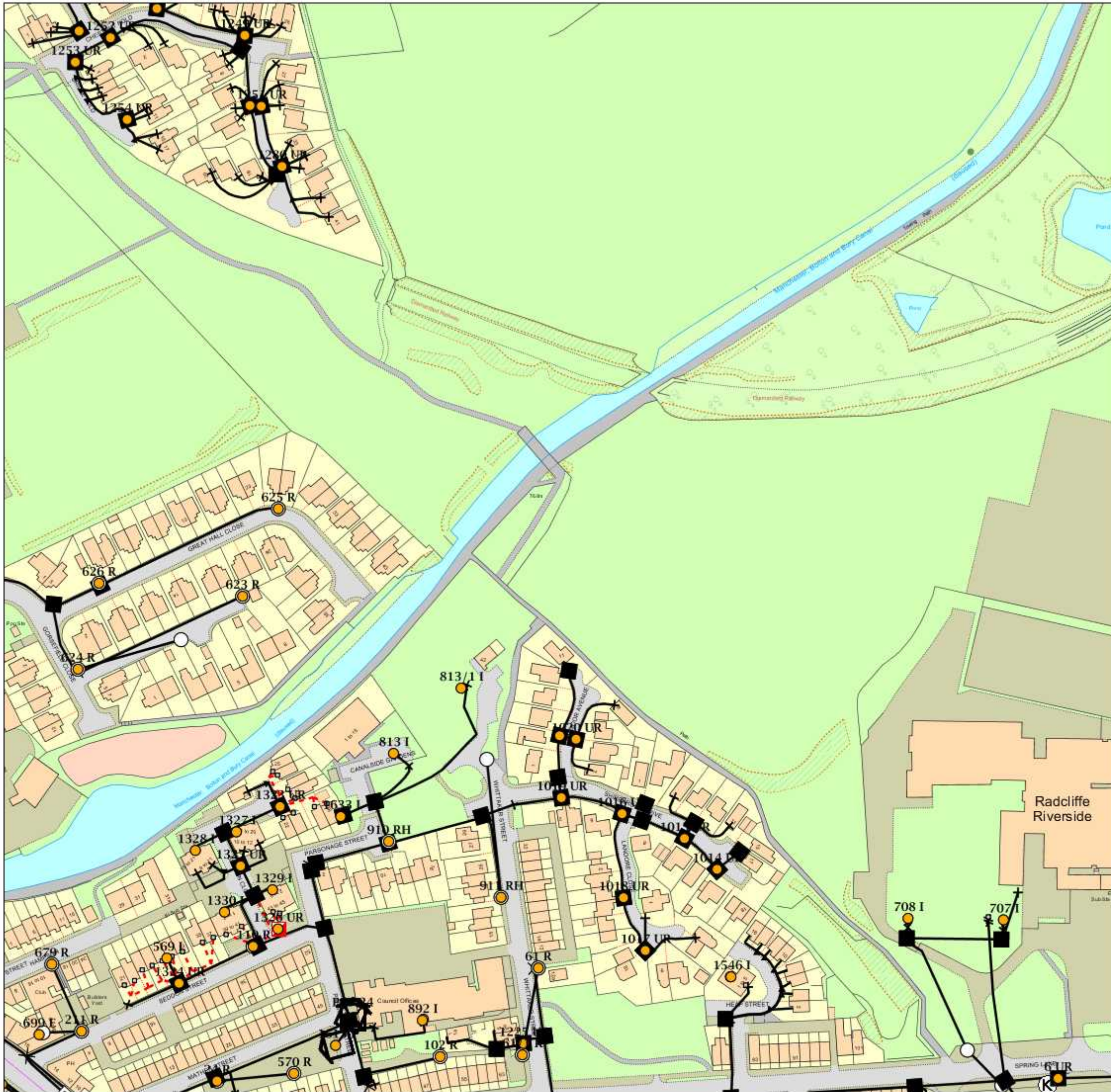
Map Reference : (centre) SD7903410087

Easting/Northing : (centre) 379034,4100

Issued : 30/03/2017 14:28:28

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

Other proposed plant is shown using dashed lines.

BT Symbols not listed above maybe disregarded.

Existing BT Plant may not be recorded.

Information valid at time of preparation

openreach
a BT Group business

BT Ref : TVH021710

Map Reference : (centre) SD7853707681

Easting/Northing : (centre) 378537,4076

Issued : 30/03/2017 14:17:40

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.



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a BT Group business

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

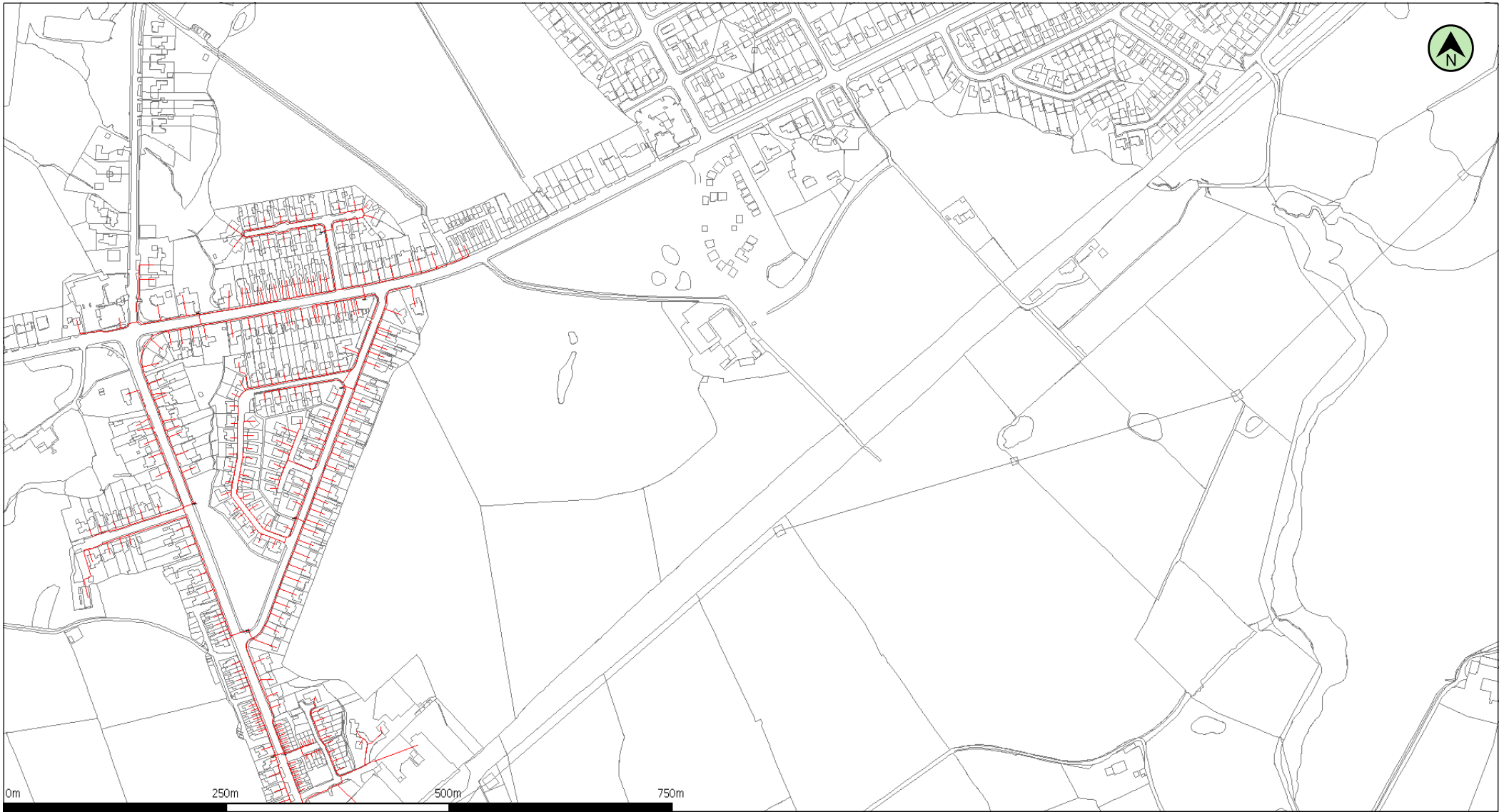
DP		Pole	
Planned DP		Planned Pole	
PCP		Joint Box	
Planned PCP		Change Of State	
Built		Split Coupling	
Planned		Duct Tee	
Inferred		Planned Box	
Building		Manhole	
Kiosk		Planned Manhole	
Hatchings		Cabinet	
		Planned Cabinet	

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

openreach
a BT Group business

BT Ref : EYH02288T
Map Reference : (centre) SD7912209287
Easting/Northing : (centre) 379122,4092
Issued : 30/03/2017 14:28:35

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



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Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2017 Ordnance Survey 100019209.

Duct, Trench



Chamber

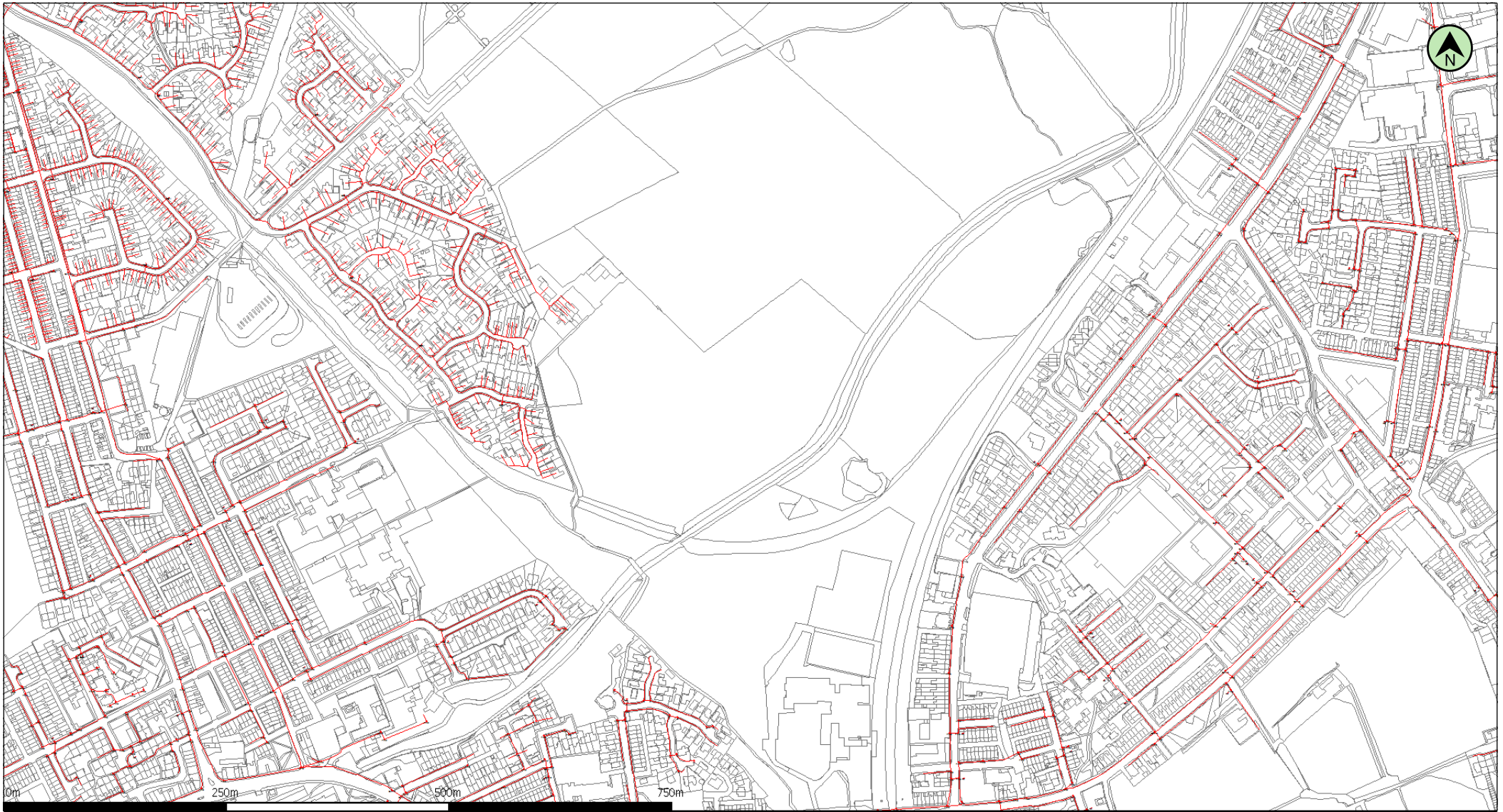


Cabinet



gerard.keogh@virginmedia.co.uk





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Date: 30/03/17

Scale: 1:6059

Map Centre: 378657,407905

Data updated: 05/03/17

Telecoms Plan A4

Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2017 Ordnance Survey 100019209.

Duct, Trench



Chamber

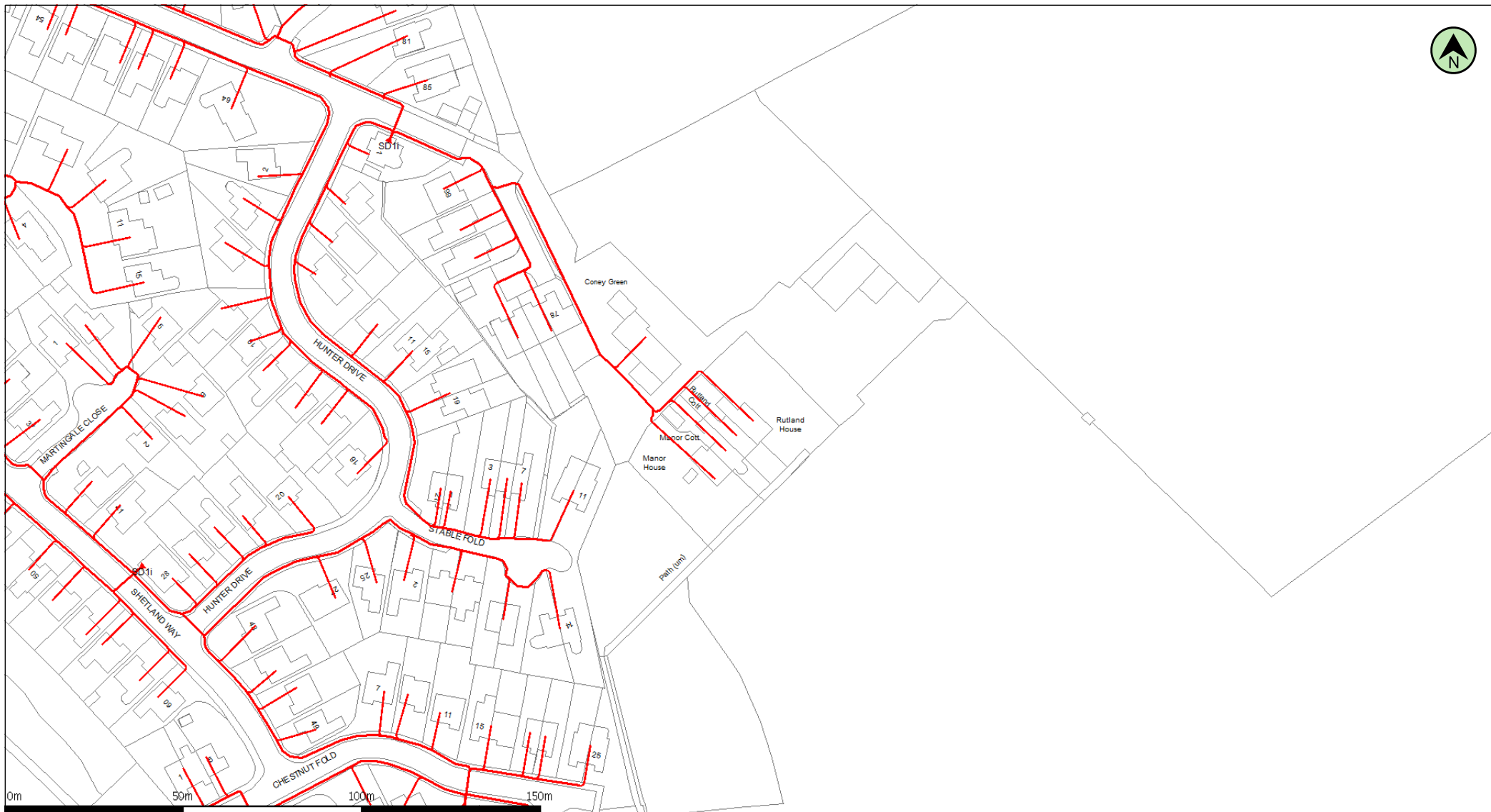


Cabinet



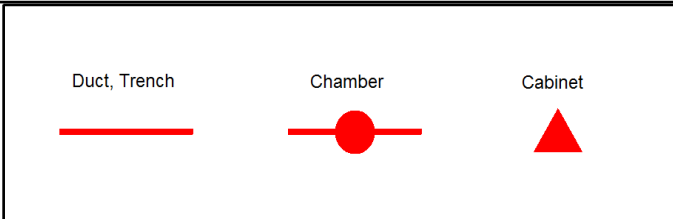
gerard.keogh@virginmedia.co.uk





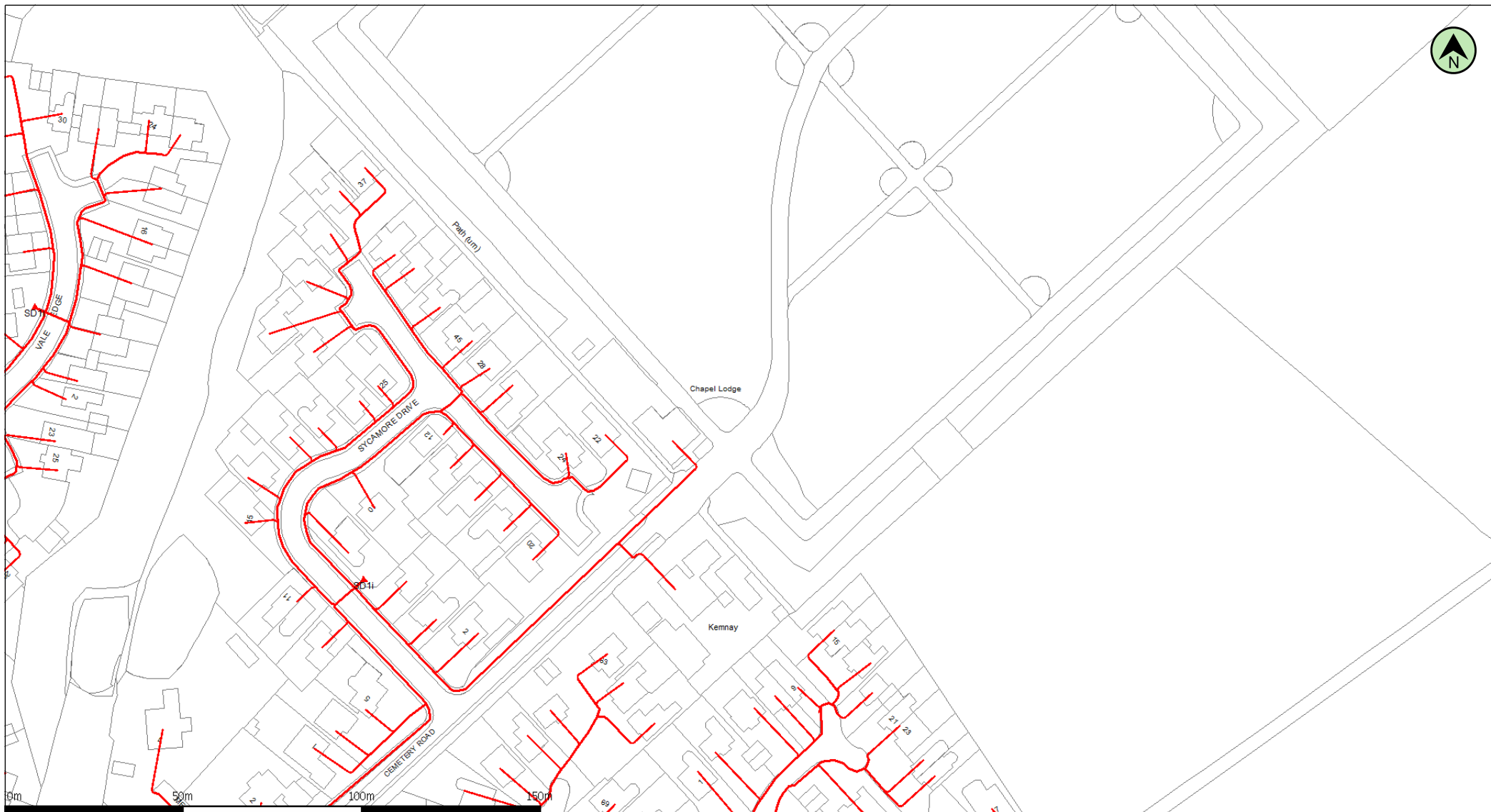
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Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2017 Ordnance Survey 100019209.



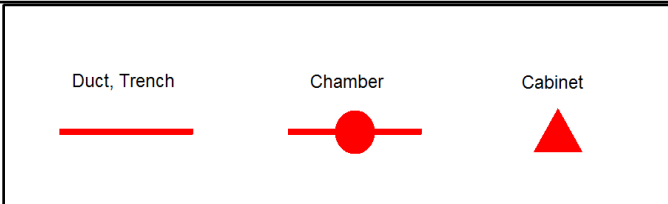
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Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2017 Ordnance Survey 100019209.

Duct, Trench



Chamber



Cabinet



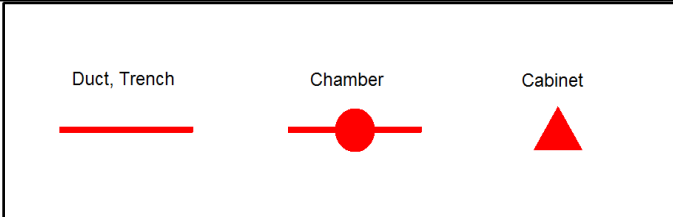
gerard.keogh@virginmedia.co.uk





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Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2017 Ordnance Survey 100019209.



gerard.keogh@virginmedia.co.uk



Appendix III

POC National Grid

Network Enquiry No : 180007014
Your Reference : Peel Holdings

Cadent Gas Limited

National Gas Emergency Service - 0800 111 999* (24hrs)
*calls will be recorded and may be monitored

Stuart Graham
TECHNICAL & DEVELOPMENT SERVICES
(NORTHERN) LTD
01 BOOTHS PARK
CHELFORD ROAD
KNUTSFORD
WA16 8GS

Date : 5th May 2017
Contact : Performance and Support
Direct Tel : 0845 3666758
Email : networkdesign@cadentgas.com

www.cadentgas.com

Dear Stuart,

Re: Land Enquiry for Proposed Development Site at NEW SUPPLY, SOUTH OF BURY AND BOLTON ROAD, REDCLIFFE, MANCHESTER, M26 1ZZ.

Thank you for your enquiry which we received on 28th April 2017. I enclose details of Cadent Gas plant in the vicinity of your proposed supply.

The nearest main with sufficient capacity is 350 metres from the site boundary and it is a Intermediate Pressure main.

Plans attached: Yes

A copy of the Cadent Connections Charging Statement referenced in this letter can be found on Cadent's website:

<http://cadentgas.com/Get-connected>

If you require a printed version please contact us on the details provided above.

I trust this meets with your requirements at this stage. If you have any queries please do not hesitate to contact Performance and Support on the above number.

Yours sincerely,

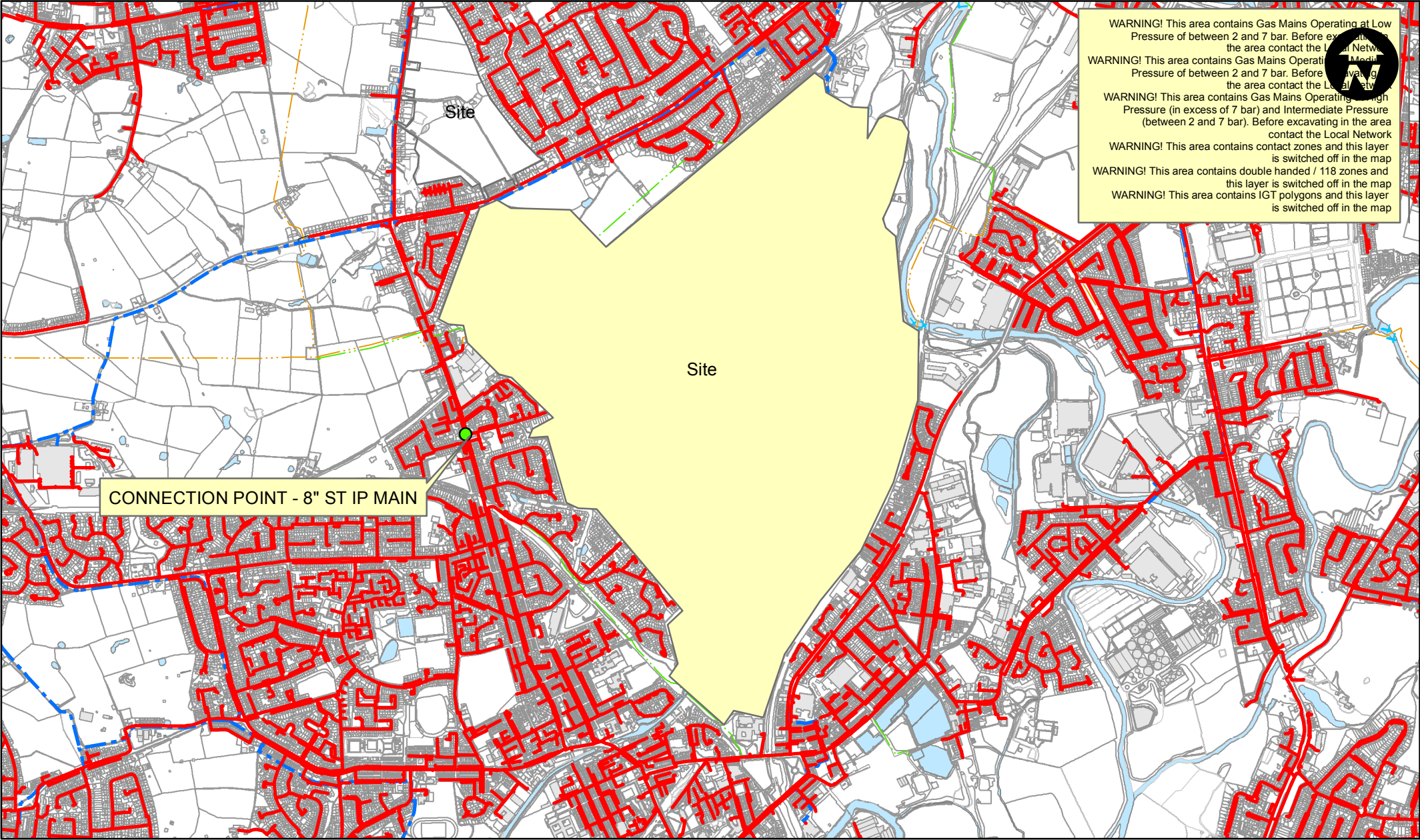


Claire Wilcox
Design Specialist



Cadent Gas Limited
Registered No.10080864
Registered Address Ashbrook Court, Prologis Park, Coventry, CV7 8PE

Letter Id: CRM013
Page 1 of 1



WARNING! This area contains Gas Mains Operating at Low Pressure of between 2 and 7 bar. Before excavating in the area contact the Local Network

WARNING! This area contains Gas Mains Operating at Intermediate Pressure of between 2 and 7 bar. Before excavating in the area contact the Local Network

WARNING! This area contains Gas Mains Operating at High Pressure (in excess of 7 bar) and Intermediate Pressure (between 2 and 7 bar). Before excavating in the area contact the Local Network

WARNING! This area contains contact zones and this layer is switched off in the map

WARNING! This area contains double handed / 118 zones and this layer is switched off in the map

WARNING! This area contains IGT polygons and this layer is switched off in the map

SCALE: 1:500 @ A4 USER ID: joanne.bebington DATE: 05-May-2017 13:53:24 INTERNAL USE ONLY OS Ref: 378590, 408716 CENTRE: <Centre>	L/P GAS MAIN M/P GAS MAIN I/P GAS MAIN H/P GAS MAIN N/H/P GAS MAIN PROPOSED PIPE - LP PROPOSED PIPE - MP PROPOSED PIPE - IP ABANDON - LP ABANDON - MP Out Of Standard Service	SCHEME: <NG GDFO Scheme Name> DESIGN: <NG GDFO Design Number> REVISION: <NG GDFO Revision>	This plan shows those pipes owned by Cadent in its 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 plans 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 Cadent Gas Limited 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 any 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.	180007014	This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved..
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Some examples of Plant Items:
 Valve Syphon Depth of Cover Change of Dia Change of Material

Appendix IV

POC Electricity North West

Mr Stuart Graham
TDS (Northern) Ltd
1 Booths Park
Chelford Road
Knutsford
Cheshire
WA16 8GS

Electricity North West
Frederick Road
Salford
M6 6QH
Web: www.enwl.co.uk

Our Ref: 5500097451/A

T: 0800-195-4141
DD: 08433 114378
E: michelle.range@enwl.co.uk

30 May 2017

Dear Mr Stuart Graham

Re: IDNO Point of Connection for Elton Reservoir, Bury and Bolton Road, Radcliffe, M26 4FW

Thank you for your recent enquiry requesting a quotation in relation to the above.

Our price for carrying out the statutory works, detailed in the project specification, is £307,246.70 plus VAT of £61,449.34 totalling £368,696.04.

The quotation is valid for a period of 180 days from the date of this letter. A detailed price breakdown can be found on the following pages.

The works and the assumptions made in calculating our price are based on your application and are detailed in the Project Specification. Please take time to read through and check these details and should you wish to make any amendments please notify us at the earliest opportunity.

The offer is subject to Electricity North West General Conditions of Contract and the Project Specification. A full copy of the Electricity North West Limited General Conditions of Contract (business) can be viewed at <http://www.enwl.co.uk/our-services/connection-services/help-faqs/terms-and-conditions>. If you are unable to access the internet please contact us on 0800 048 1820 and we will post a copy to you.

There is a new Competition in Connections Code of Practice that came into effect on the 30th October 2015. This party enables third party connectors to undertake more activities associated with a new connection. Further details can be found on our website.

To enable you to comply with the Construction (Design and Management) Regulations 2015, a full method statement will be provided to you once we acknowledge receipt of your signed Customer Acceptance Form. The statement will reflect the generic and site-specific risks and the working methods adopted by our appointed contractor for works undertaken on behalf of Electricity North West.

If you wish to proceed, please return the following by email to cic@enwl.co.uk or by post to the address above

- Completed Customer Acceptance Form.
- Payment for the full amount of the price stated including VAT at the appropriate rate by cheque payable to Electricity North West Limited or BACS / CHAPS transfer.
- Design Approval pack from a NERS accredited company.

We would like to thank you for your valued enquiry and look forward to working closely with you in due course. If you require any further assistance please do not hesitate to contact me.

Yours sincerely,



Michelle Range
Electricity North West

Description of the works**The charges included are for POC charges:**

- Only nominal costs for legal consents have been included
- HV shutdown to commission substation.
- Assessment and Design

The charges do not include for:

- Land acquisition costs for legal consents etc
- Electricity North West HV &/or LV network energisation connection.
- Unidentified HV &/or LV infrastructure diversion works.
- Out of hours working.

Quotation price

The quotation price is provided based upon your application and the information you provided. The quotation only contains the non contestable charges associated with the new connection, this may include any contestable diversion and reinforcement costs.

Non Contestable Charges

If you require a full description of the non contestable charges these can be viewed on our website <http://www.enwl.co.uk/our-services/connection-services/help-faqs/useful-information/common-charging-methodology>. If you are unable to access the internet please contact us on 0800 048 1820 and we will post a copy to you.

Determinations

We hope you are satisfied with the service Electricity North West has provided and hope that any possible disputes have been resolved satisfactorily. However if a situation should arise and we are unable to reach a mutually acceptable solution, you can contact The Energy Ombudsman, who will assist in resolving the dispute. You can contact The Energy Ombudsman in writing to PO BOX 966, Warrington, WA4 9DF, by telephone on 0845 055 0760 or online at www.energy-ombudsman.org.uk

BREAKDOWN OF CHARGES

Non Contestable Charges		
Connection Charges	Quantity	Charge
Assessment Charges	1	£4,980.00
Design Charges	1	£1.00
Operational Work	1	£1,104.00
Legal - Ind/com Way/easement developer/3rd party	1	£1,090.00
Connections – Construction Work		
Underground		
HV &/or LV Cable Installation	10	£1,916.79
Duct Installation	10	£179.52
Substation & Switchgear Installation	1	£19,415.50
Joints, Joint Holes & Terminations	2	£472.60
Sundry Equipment	4	£277,440.00
Labels & Nameplates	1	£647.29
Total Non Contestable Charge		£307,246.70
Total Charge		£307,246.70

CUSTOMER ACCEPTANCE FORM

Customer: TDS (Northern) Ltd

Our Reference: 5500097451/A

Project title: IDNO Point of Connection for Elton Reservoir

Site address: Bury and Bolton Road, Radcliffe, M26 4FW

I accept your offer, dated 30 May 2017 for the works referenced above and any subsequent charges, as detailed in the project specification.

I agree to pay £307,246.70 plus VAT of £61,449.34 totalling £368,696.04 and payment for the full amount.

I acknowledge and agree that the works are subject to the Electricity North West General Conditions of Contract, a copy of which I have read.

I acknowledge that I must appoint an electricity supplier to the site before the connection/s can be made live.

The site will be ready for Electricity North West to commence works on _____ **(please enter date)**.

However I have read and understand clause 7 of the Electricity North West General Conditions of Contract, in relation to commencement of the works.

Signature of customer or authorised signatory on behalf of customer:	
Date:	
SITE CONTACT DETAILS	
Contact Telephone Number:	
END USER DETAILS*	
Company/Customer Name:	
Customer Contact:	
Customer Telephone:	
Full Postal Address:	
Contact Name & Address (if different to site address):	

* If there are multiple End Users, please provide additional details.

WAYLEAVE DETAILS (if different from End User)**	
Name and Address of Landowner:	
Landowner Telephone:	

** If there are multiple Landowners, please provide additional details.

Acceptance must include payment by cheque, made payable to Electricity North West Limited or by BACS/CHAPS in accordance with the guidance available on our website via the following ['link'](#)

If you are going to self approve your scheme design in line with the [Competition in Connections Code of Practice](#) please tick here (). The ENWL's user guide can be located on our [website](#)

POC PROJECT SPECIFICATION

Connections

A system study has now been carried out based on the information you provided:

Total load requirement of your connection is 4,500 kVA and consists of:

IDNO Point of Connection for 3000 domestic properties. Quotation is subject to further investigation into the required board extension at Woolfold Primary. If there are any unforeseen engineering difficulties then additional costs will apply.

HV Point of Connection 1

A Point of Connection has been identified on the High Voltage Network with a new substation to be looped in to an existing 11000V, 3 x 1c300 SAC XLPE cable using 3 x 1c300 SAC XLPE cable as shown on enclosed plan. The new substation to be located in a mutually agreed position.

Our quotation excludes all works from the point of connection to your interface.

This Point of Connection is valid for 180 days from the date of this quotation.

Offer Conditions

Application for a Point of Connection

- 1) The Point of Connection (POC) will be determined on the basis of the information on your application form and will not be guaranteed if any undeclared characteristics of the proposed load are found to cause electrical disturbances to the electricity network greater than those inferred on the original application form.
- 2) The IDNO is responsible for providing true and accurate load information to Electricity North West Limited.
- 3) All Connections for Embedded Distribution Networks shall comply with Electricity North West Limited ES 225.
 - Assessment & Design charges
 - Inspection Charges
 - Initial Energisation Cost*
 - Associated Diversion Work
 - Associated Reinforcement Work
 - Operation & maintenance charges (only if over and above the minimum cost scheme)
 - Costs for obtaining legal consents for the development

* The Initial Energisation Cost is for energisation of the installation at the POC only and will only be included in the offer if the network connection/s is a non-contestable joint/s or termination/s. It does not include for any on site non-contestable jointing work that may be requested following the initial energisation or for the energisation of any low voltage network if the POC was provided at high voltage.

- 2) The above charges become contractual on acceptance of the point of connection and will be included in the Electricity North West Limited 'Agreement to Adopt' contract which will be issued following design approval.
- 3) In certain circumstances diversion and reinforcement works are open to competition and are therefore classed as contestable (See Page 71, Section 6.12, Methodology and Charges for Connections Statement). If appropriate and if requested, a breakdown of the non-contestable elements for diversion and reinforcement costs may be supplied.
- 4) Indicative costs are given in Electricity North West Limited 'Statement of Methodology and Charges for Connection to the Electricity Distribution Network' which can be found on Electricity North West Limited web site: www.enwl.co.uk

Operational / Legal Consents

- 1) The Independent Connection Provider(ICP)/developer is legally responsible for and must make their own arrangements to obtain any legal consents to install or lay any electric line or cable on land owned by a third party. e.g. on privately owned land outside the development site. Electricity North West Limited will only obtain legal consents in so far as they are necessary or desirable for the operation of Electricity North West Limited network after asset adoption.

This will include any legal consents which the developer is required to grant for electric lines or cables within the development site which will be adopted by Electricity North West Limited. No electric lines or cables shall be installed in land not owned by the developer before agreement is reached with the landowner. This POC is, therefore, dependant on the ICP/developer being able to reach agreement with any third party landowner for any electric lines or cables, or any part thereof, which will be installed at or from the POC.

Please note that the date of energisation for the installation will not be arranged until all operational/legal consents have been completed with Electricity North West Limited.

- 2) Operational/Legal Consents include:

- Any easement, wayleave or licence required for any electric line or cable laid from the POC in private land which does not or will not form part of the public highway.
- Any lease or freehold transfer of land required for substations.
- Any Planning or statutory consent required in respect of any of the above.

- 3) The ICP/developer will be responsible for the cost of reinstating any damage to land not within the development site and for any for any costs associated with the acquisition of Operational/Legal Consents.

Health and Safety

- 1) The following information is given to assist you in maintaining safe working practices on the site:

Electricity North West Limited plans carry an endorsement stamp that is there for your safety. Before any machines are used, all of Electricity North West Limited underground assets should be located by manual excavation. All excavation should be done by taking the appropriate safety precautions in the 'Health and Safety Executive Guidance Note G47' 'Avoiding Danger from Underground Services'; taking cognisance of the fact that other plant may be in the vicinity which is not shown on the plans. Please ensure that the current issue of plans is referred to before commencing work on site.

Acceptance of Point of Connection

- 1) If you wish to accept the Point of Connection, a completed 'Acceptance' form with payment in full must be returned before the validity date expires. If your acceptance is not received before the expiry date then the available capacity on our network could be made available to subsequent applicants.
- 2) Your design submission must be submitted within 30 days of acceptance of the POC and must include the Design Submission Check List form. If your design is not received within the time stated then your acceptance will lapse and the point of connection could be allocated to another applicant without notice. Under exceptional circumstances you may apply in writing for a further 30 days extension. You will also be liable for any abortive costs incurred in failure to comply with the above.
- 3) These forms are an integral part of the design submission and the process of design approval will not start until they have been received. Any errors on the forms will also delay the start of the process.

- 4) Following design approval, Electricity North West Limited will issue the ICP with an 'Agreement to Adopt' contract. The ICP will then be responsible for obtaining all required signatures on the 'Agreement to Adopt'. Electricity North West Limited will not undertake any activities associated with the electricity connection works until this Agreement has been signed, this includes any audits of the work intended to be adopted. It should be noted that Electricity North West Limited will not adopt any new connections work that we have not had an opportunity to audit until we are satisfied that the installation meets Electricity North West Limited standards.

Excavation

- 1) Our price for the relative works associated with the new connection are based on the assumption that all underground cable trenching carried out by Electricity North West will be in surfaces as detailed below. Should the surface/grounding of any of the cable route change before works are completed you may be required to pay for any extra associated excavation costs.

The contestable element of the works may be undertaken by you and If you wish to carry out the associated works please contact us so we can amend the quotation. If you decide to undertake these works you will need to include them within your design submission.

Non Contestable HV &/or LV connections works:

- 10 metres in carriageway type 3/4.
- 2) In order to prevent abortive visits your site supervisor will ensure the site will be ready.
 - 3) In order to minimise the time any excavation undertaken by you is open you are to liaise with our representative to ensure that our necessary labour, plant, and materials will be available, prior to commencement of the excavation.
 - 4) All on-site excavation, reinstatement, compaction and final landscaping, will be your responsibility unless otherwise specified by us.
 - 5) All trenches will be back filled with suitable base material. Should we require any imported materials for back filling then additional charges will apply.
 - 6) Should any excavation in unforeseen rock outbreaks, adverse ground, buried made surfaces, or for any dewatering be necessary, we will provide evidence of the problem and additional charges will apply.
 - 7) As a means of safe working, all excavation should be carried following the guidance of the HSG47 documents published by the Health and Safety Executive and via www.hsebooks.co.uk.
 - 8) As a means of safe working, all excavation should be carried following the guidance of the HSG47 documents published by the Health and Safety Executive and via www.hsebooks.co.uk.
 - 9) If any new work is being undertaken that you have not detailed within your application (i.e. your proposed site entrance) and may reduce/increase the depth of Electricity North West existing assets, you must provide trial holes for measurements to be taken off the depth of the existing cable(s).
 - 10) If work is required to alter the cover or divert any existing cables, modify or underground existing overhead lines, other than those identified, additional costs will be fully chargeable to you.

Generation

- 1) Unless it is included within your application, you must contact Electricity North West Limited if you intend to provide facilities to allow the export of electricity (including by means of CHP, solar cells, wind turbines etc) into the electricity distribution network or operate on site generation that interconnect with our supplies, including as a means of an emergency supply. We reserve the right to amend our price and programme of works in association with these facilities.

Non-Linear Loads (motors, welders and rectifiers)

- 1) Motors, Welders, and other equipment likely to affect the supplies to other consumers must not be connected without prior approval from Electricity North West Limited.
- 2) For all non-linear loads, it is your responsibility to ensure that the cumulative effect of any harmonic-generating equipment (e.g. Rectifiers, invertors & variable speed motor drives) complies with Industry Standards. If complaints are received from other customers connected to the Distribution System regarding supply disturbance and these can be directly attributed to your equipment, then Electricity North West Limited reserve the right to insist that you disconnect the offending equipment remedial action is taken by yourself, at your expense.

Disconnection

- 1) We have not included the costs for any existing service disconnection/s in our quotation. For all disconnections please contact Electricity North West Customer Service on 0800 048 1820.

For Planning Purpose Only

PROJECT DETAIL

Title: Elton Reservoir

Address: Bury and Bolton Rd, Radcliffe, M26 4FW

Scheme Ref Number: 5500097451/A

Drawn By: Michelle Range

Date: 30-May-2017

Grid Reference: (X) 378884
(Y) 411682

Scale: N.T.S

Point of Connection Expiry Date:
Valid for a period of 180 days from the date of the Quotation

POINT OF CONNECTION
TECHNICAL DETAIL

Cable Size @ P.O.C : 300TLX

Voltage : 11000 Volts

Minimum Cable Size : 300TLX

Loop or Teed (HV only) Looped

Feeder Name / No : New

Transformer Size : kVA

Fuse Size : Amps

Earth Loop Impedance : ohms

% Voltage Drop

1) Including site load %

2) excluding site Load %

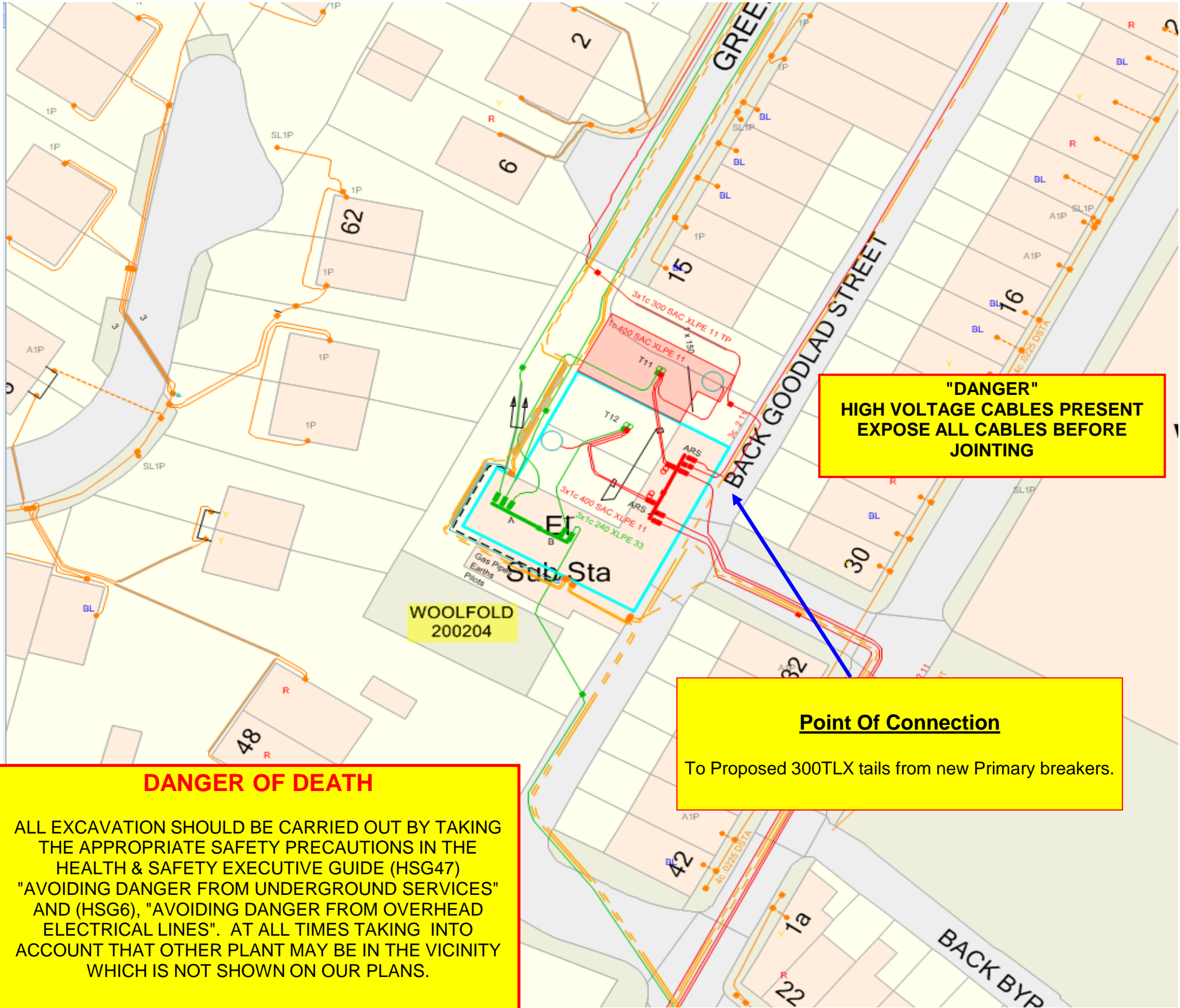
Generation:

Voltage Rise relative to primary BB : %

Positive sequence R+JX (% on 100MVA base)

Notes :

For reference only



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This plan is issued by Electricity North West Limited. Unless otherwise indicated Electricity North West Limited cables are laid at depths in accordance with NJUG 2 (typically 450mm for Low Voltage & 600mm for 11KV cables in footpath). 33KV/132KV cables are laid at depths as marked. The depths and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However, third parties may have altered the surface level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from that shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated in the cable records.

Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reproduced from or based upon Ordnance Survey's map with permission of the controller of Her Majesty's Stationery Office. Crown Copyright Reserved. LICENCE No 100017892. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Reference should be made to HSE guidance HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited, registered number 2366949, registered in England and Wales, registered office: 304 Bridgewater Place, Birchwood Park, Warrington, WA3 6XG