

soiltechnics

environmental • geotechnical • building fabric

Desktop Study: Site Review

Proposed Floodlit Tarmacadam PlayZone Pitch

Procter Young Peoples Centre, Manchester

December 2023

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Review and Recommendations

Statutory Undertaker Records



Desk Study Information

Proposals and Site Setting

Proposals are for the refurbishment of the existing floodlit tarmacadam MUGA, into a LED Floodlit tarmacadam PlayZone pitch for football and basketball use. It is understood that the existing floodlighting will be retained and upgraded.

The development lies within the grounds of the Procter Young Peoples Centre, on the southern outskirts of Manchester City Centre. Hulme Street to south of the site provides access and the postcode is M15 5EF.

The existing 2 storey centre is located in the southwest of the site, with the MUGA present to the eastern central part of the site. The rest of the site comprises landscaped areas, with mature vegetation lining all site boundaries with the exception of the south-western corner. The site is triangular shaped, with Jackson Crescent and Hulme Street forming the western and southern boundaries respectively, with the A57 forming the northern boundary.

Residential properties are present beyond to the south, with Hulme Park to the east and city centre developments beyond the A57 to the north.

The closest water feature to the site is the River Medlock, approximately 200m to the north.

Surface levels are relatively flat across the proposed development, whilst levels fall to the south in the wider area.

A site location plan is presented below, with the wider site boundary shown in red, and the PlayZone area shown in blue.



Figure 1-1: Aerial photography with approximate site boundary (red line) and PlayZone (blue line)

An attempt to trace the history of the site has been carried out by reviewing readily available ordnance survey maps. Earliest records date back to the mid to late 19th century and show the wider site to comprise largely residential properties and associated streets, with Hulme Dye Works to the southwest and a police and fire station to the northwest (see Figure 1-2 below). The wider site is bordered to the north, west and south by open land, with the Spilsby cemetery and the Boston Road bordering the site to the east.

Aerial imagery (Google Earth) shows the current site layout to be present from at least c.2000 (see Figure 1-4 below).



STV6311-DS01



Figure 1-3: 1949-1972 Historical map extract overlay showing approximate site boundary (red line) and the proposed PlayZone (blue line)

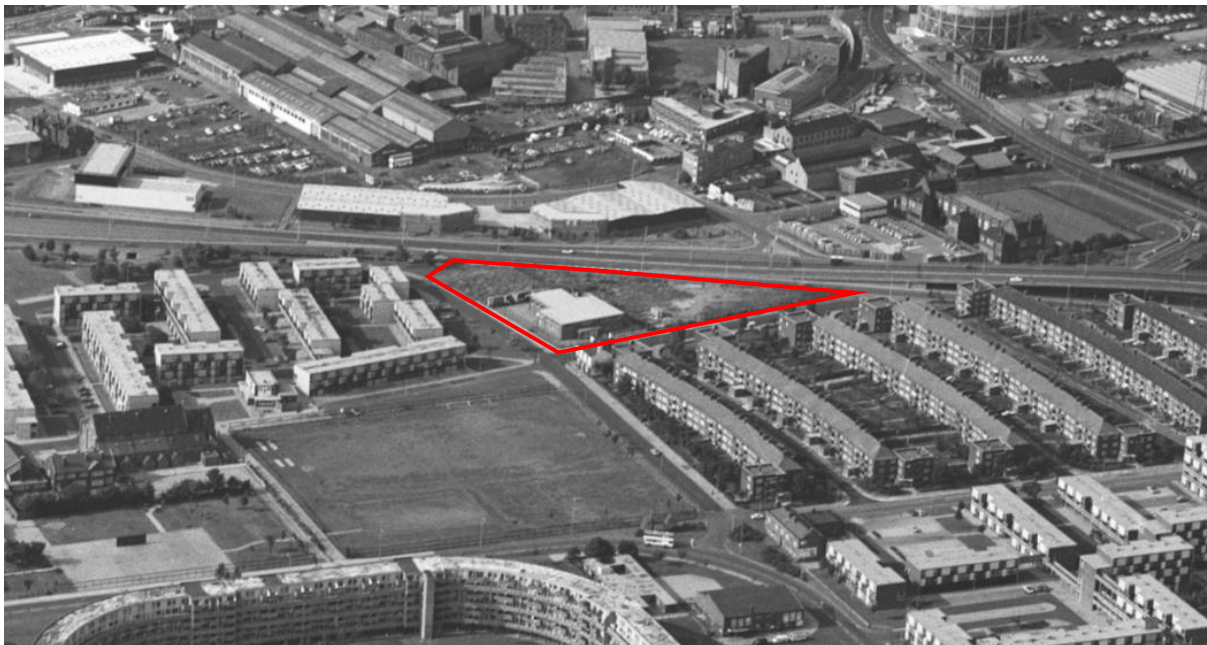


Figure 1-4: 1979 historical aerial image, showing existing centre building and approximate site boundary (red line)

Geology and Hydrogeology

Open-source British Geological Survey (BGS) mapping for the area shows superficial Glaciofluvial Sheet Deposits to underly the site, comprising sands and gravels (see Figure 1-5 below), with Devensian Till below (clays).

The underlying bedrock is recorded as the Chester Formation (sandstone) beneath the site (see Figure 1-6 below). Nearby BGS borehole records (along the M57 to the north) indicate c.2m of Made Ground overlying 2.5m of sand and gravel, with stiff clay to depths of 9-11m below surface.



Figure 1-5: Superficial geology



Figure 1-6: Bedrock geology

A summary of the anticipated geology within the wider site can be seen below.

Strata	Bedrock or superficial	Approximate thickness (m)	Typical soil type	Likely permeability
Made Ground	-	Up to 2m	Variable	Variable
Glaciofluvial Sheet Deposits	Superficial	2-3	Sand and gravel	Low-moderate
Devensian Till	Superficial	4-5	Clay	Low
Chester Formation	Bedrock	Basal Unit	Sandstone	Low to moderate

Table 1: Summary of geology and hydrogeology

Coal Mining

Coal Authority mapping data shows the site lies within a coal mining reporting area, but outside of a development high risk area (see Figure 1-7 below). As such we consider the risk of land instability associated with coal mining legacy to be low, however, this would require confirmation following review of a consultant's report from the Coal Authority.

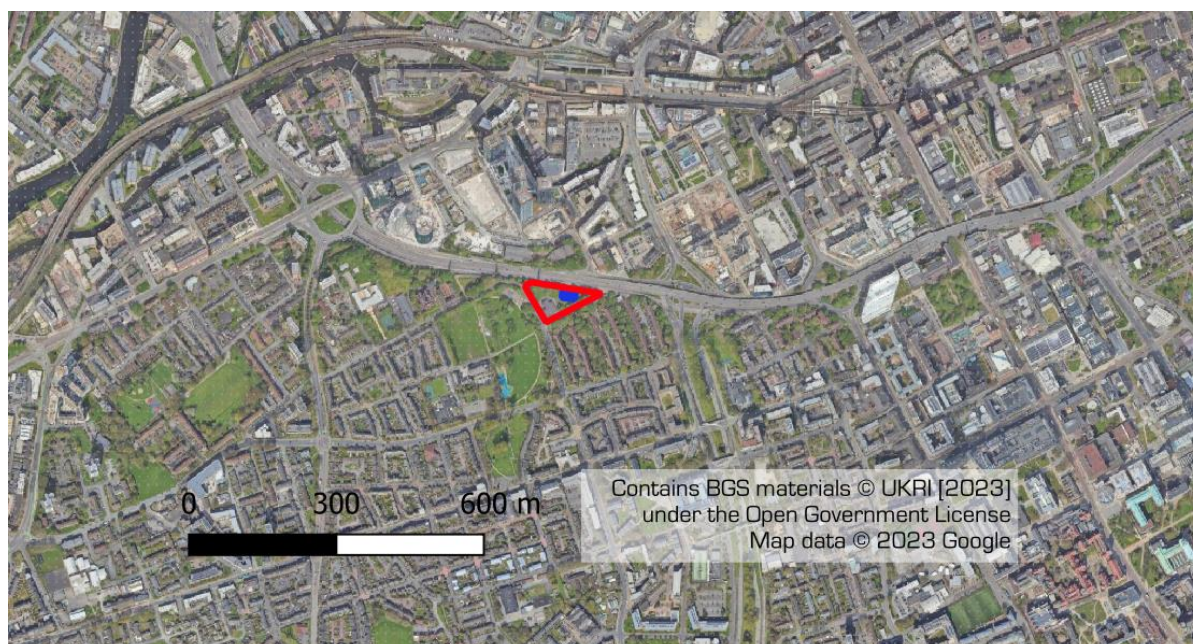


Figure 1-7: Coal Authority hazard map extract

Landfilling and Ground Gases

Open-source Environment Agency landfill mapping data does not show any landfills to be within 250m of the site.

Flooding and Hydrology

According to Environment Agency flood maps, the site does not lie in an area at risk of flooding from rivers or sea, or from surface waters.

Statutory Undertaker Records

We have contacted a number of Statutory Undertakers and obtained a Linesearch report to obtain copies of available records to avoid damaging buried apparatus during fieldwork activities. Copies of their records are appended; however, it should be noted that private runs are typically excluded from these records.

A review of the information shows some LP mains gas serving the building and LV electricity entering the site at 2 No. locations from Hulme Street.

Review and Recommendations

The following site specific factors have been considered to determine the most appropriate ground investigation on site:

- Geological records indicate Glaciofluvial Sheet Deposits near surface (sand & gravel), with some Made Ground likely to be present based on BGS records, likely associated with the demolition of previous housing developments and construction of the adjacent M57.
- The underlying Glaciofluvial Deposits are likely to be competent and provide support to pitch foundations, subject to depths of Made Ground present. Such deposits are also likely to be exhibit a degree of permeability. This will need to be confirmed through onsite investigations.
- A Coal Authority consultants report should be obtained and reviewed to determine the likely land instability risk posed by coal mining legacy in the area.
- A standard pitch refurbishment investigation (tarmacadam surface) is recommended, confirming existing subbase/subgrade makeup below the pitch in up to 6 No. locations, with infiltration testing of such materials. We will extend c.2 No. pits to 1.2m depth to try to establish thickness of any Made Ground that is present.
- With the presence of the existing floodlights, an electrical capacity survey is not considered necessary.
- We have included for completion of a topographical survey of the pitch area and immediate surroundings.
- The site is located within a medium risk UXO area (edge of high risk). Consequently, it is recommended to obtain a preliminary UXO risk review to determine likelihood of encountering UXO during investigation.

Costs to complete the above are as follows;

Item	Service	Fee (£) excl. VAT	Timescale (weeks)	Comments
1.0	Desktop Study Site Review	£415	Complete	
2.1	Framework tarmacadam pitch refurbishment investigation inc drainage survey	£2,670	6 weeks	6 No. hand pits and 6 No. TRL-DCPs, with indicative infiltration testing in subbase and subgrade.
2.4	Topographical survey	£665		
3.1	Coal Mining Report and Review	£205		
3.4.1	Unexploded Ordnance Site Specific Preliminary Risk Review	£90		Medium risk of encountering UXO onsite.
TOTAL		£4,045		

Statutory Undertaker Records

Soiltechnics

**Soiltechnics
Cedar Barn,
Walgrave,
NN6 9PY**

FAO:

How to contact us:

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

Telephone: 0370 7510101

E-mail: propertysearches@uuplc.co.uk

**Your Ref: STV6311
Our Ref: UUPS-ORD-534681
Date: 28/11/2023**

Dear Sirs**Location: 235 HULME STREET, HULME, MANCHESTER, M15 5EF**

I acknowledge with thanks your request dated 27/11/2023 for information on the location of our services.

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

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

If you are planning works anywhere in the North West, please read United Utilities' access statement before you start work to check how it will affect our network. <http://www.unitedutilities.com/work-near-asset.aspx>.

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

If you have any queries regarding this matter please [contact us](#).

Yours Faithfully,



Karen McCormack
Property Searches Manager

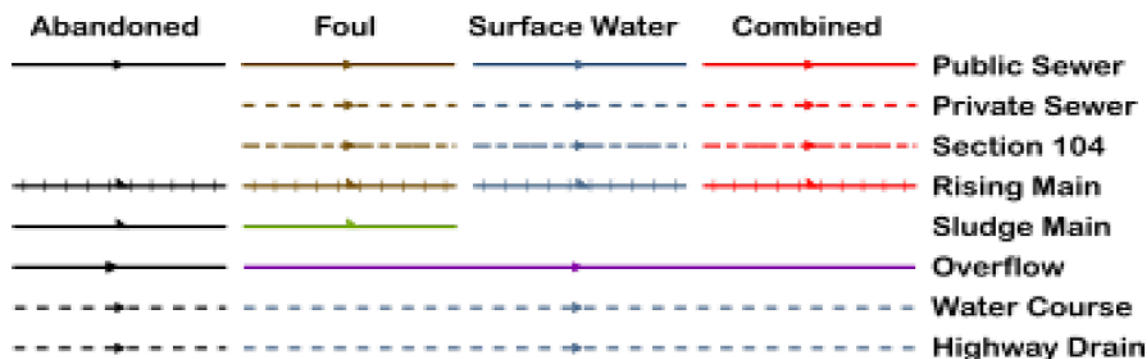
TERMS AND CONDITIONS - WASTEWATER AND WATER DISTRIBUTION PLANS

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

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- This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
- This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
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- This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Wastewater Symbolology



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

Manhole	Side Entry Manhole
Head of System	Outfall
Extent of Survey	Screen Chamber
Rodding Eye	Inspection Chamber
Inlet	Bifurcation Chamber
Discharge Point	Lamp Hole
Vortex	T Junction / Saddle
Penstock	Catchpit
Washout Chamber	Valve Chamber
Valve	Vent Column
Air Valve	Vortex Chamber
Non Return Valve	Penstock Chamber
Soakaway	Network Storage Tank
Gully	Sewer Overflow
Cascade	Ww Treatment Works
Flow Meter	Ww Pumping Station
Hatch Box	Septic Tank
Oil Interceptor	Control Kiosk
Summit	
Drop Shaft	Change of Characteristic
Orifice Plate	



Scale: 1:1250
Date: 28/11/2023

SEWER RECORDS



Address or Site Reference: 235 HULME STREET, HULME, MANCHESTER, M15 5EF

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Clean Water Symbolology

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
			Inlet Point
			Bulk Supply Point
			End Cap
			Site Termination
			Change of Characteristic
			Condition Report
			<u>Property Types</u>
			Water Tower
			Valve House
			Booster Pumping Station
			Intake Pumping Station
			Water Treatment Works
			Supply Reservoir
			Service Reservoir
			Impounding Reservoir
			Pipe Bridge

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**



Scale: 1:1250
Date: 28/11/2023

WATER MAINS RECORDS

Address or Site Reference: 235 HULME STREET, HULME, MANCHESTER, M15 5EF

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Water for the North West

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Soiltechnics

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FAO:

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Haweswater House
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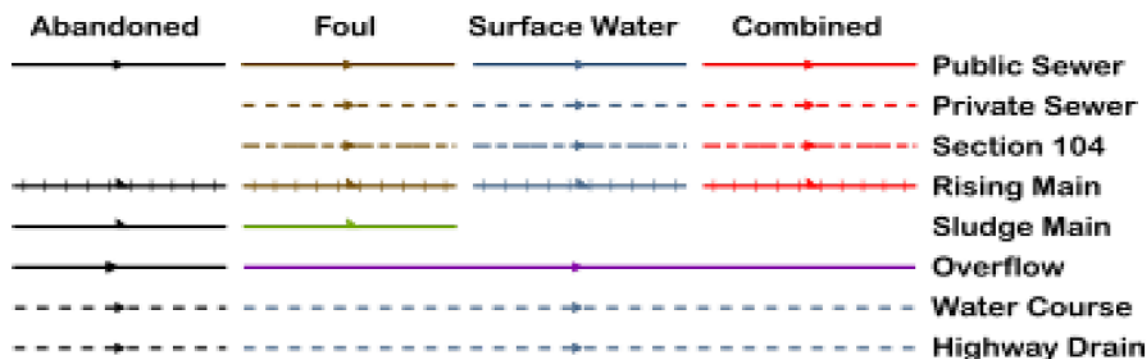
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Penstock	Catchpit
Washout Chamber	Valve Chamber
Valve	Vent Column
Air Valve	Vortex Chamber
Non Return Valve	Penstock Chamber
Soakaway	Network Storage Tank
Gully	Sewer Overflow
Cascade	Ww Treatment Works
Flow Meter	Ww Pumping Station
Hatch Box	Septic Tank
Oil Interceptor	Control Kiosk
Summit	
Drop Shaft	Change of Characteristic
Orifice Plate	



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			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
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Date: 28/11/2023

WATER MAINS RECORDS

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Water for the North West

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Private excavations: Customer

Existing 24" CI LP main
e-383524 n-397190

UMED
SITION

Hotel



FULCRUM

All measurements were recorded in a computerized 16-bit (ATI Digidial) and 16-bit (ATI daSedona)

Size (mm)	PC Service - IGBT or A-Edison A			
	Minimum Building Proximity Distance (Meters)			
	< 75 bar	> 75 bar - < 2 bar	> 2 bar	
160mm to 140mm	0.25	3		Water no G 5/7 G17 A pgsd
160mm to 250mm	1	3		Water no G 5/7 G17 A pgsd
215mm	1	3		Water no G 5/7 G17 A pgsd
265mm to 340mm	1	3		Water no G 5/7 G17 A pgsd
340mm	1	4		Water no G 5/7 G17 A pgsd
		5		Water no G 5/7 G17 A pgsd

Motion on this project was designed as the linear addition of KGT/TLQ-
Services on this project are designed to the linear addition of KGT/TLQ-
All-on-Bone articulation services will be transferred with a service location from
the dental services on this project are designed to the linear addition of KGT/GS
US low-pressure services are designed and transferred to comply with BSA600-1
US medium pressure services are designed and transferred to comply with BSA600-2
USG research gear services are designed and transferred to the linear addition of KGT/GA-6-KGT/GA-7-KGT/GA-8
Verification and validation are classified for research and assistance in the continuation with
KGT/GA-9-KGT/GA-10-KGT/GA-11-KGT/GA-12

Some examples of plant names:

[illegible]

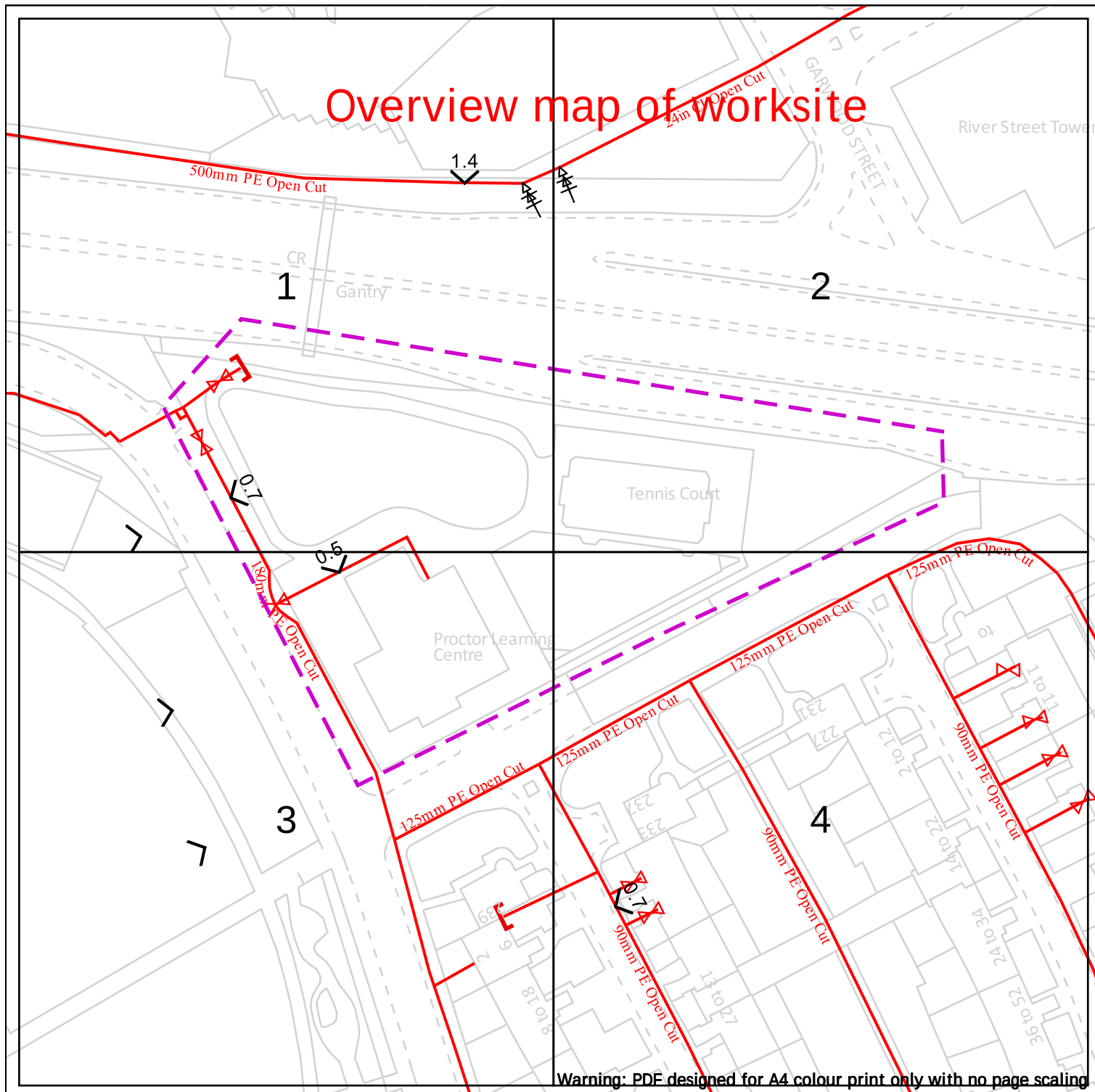
The plan also states that the pages owned by Cadent Gas Limited in their role as a Licensed Gas Transporter (GT), Gas pages owned by either GTs, or others who privately own, may be included in this information. Information which is included in such pages should be obtained from the relevant owner. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, shut 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. Sale digging practices, in accordance with HSE/G47, 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 workers (whether self-employed or contractors) working for you on any gas apparatus. The information included on this plan should not be relied to beyond a period of 28 days from the date of issue.

Valve		Depth of Curve		Spreader		Elevate Change		Multiple Change	
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Cadent

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Overview map of worksite



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Cadent
Your Gas Network

Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve

Depth of cover

Syphon



Diameter Change

Material Change

Out of Standard Service

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.

Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
 - Identification of dual services
 - Recording of non-perpendicular services
- A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

IMPORTANT NOTICES

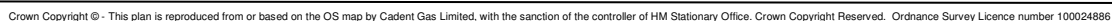
This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on 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 Cadent Gas Limited or their agents, servants or contractors for any errors 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.

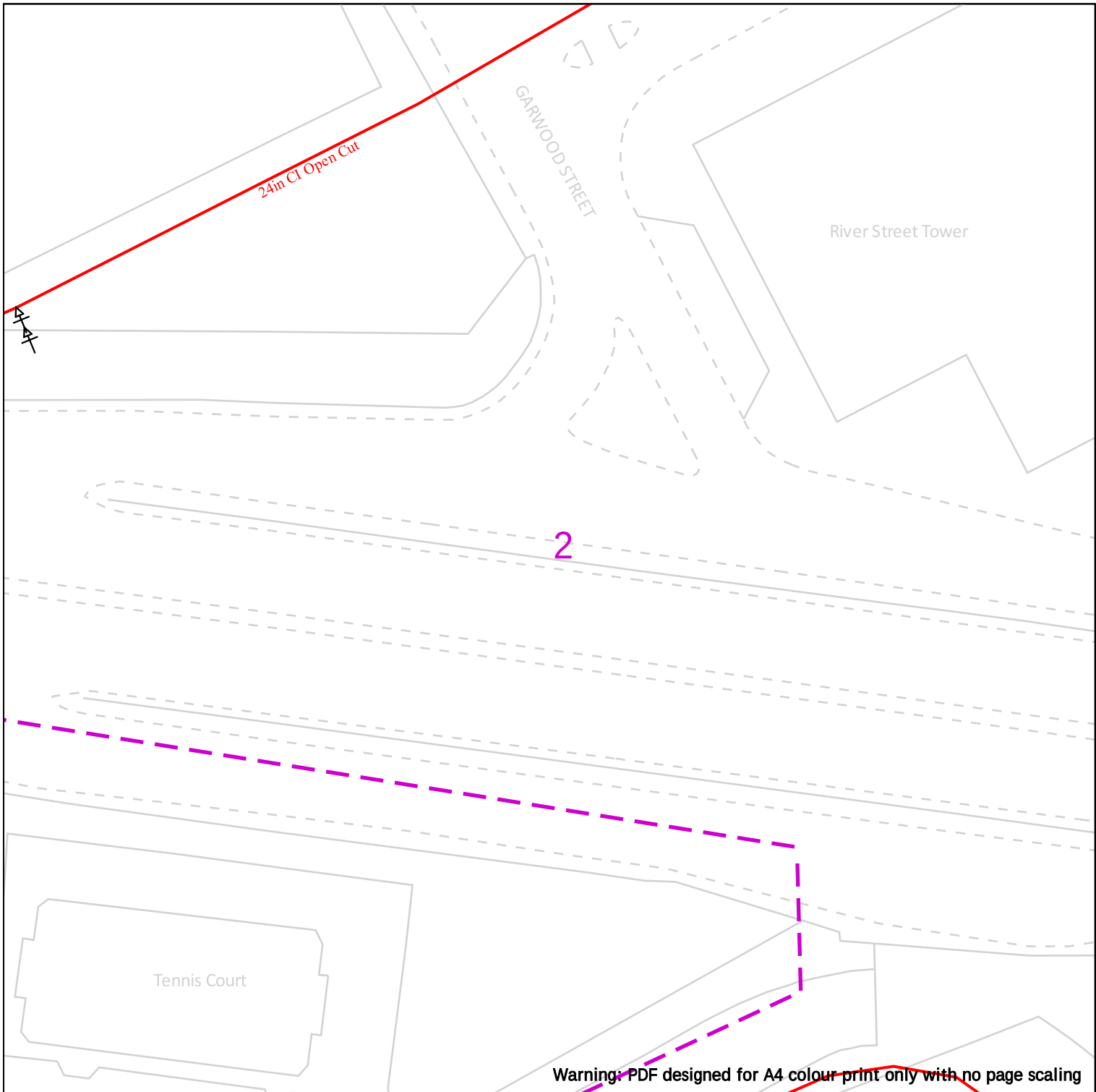
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Scale: 1:1025 (When plotted at A4)

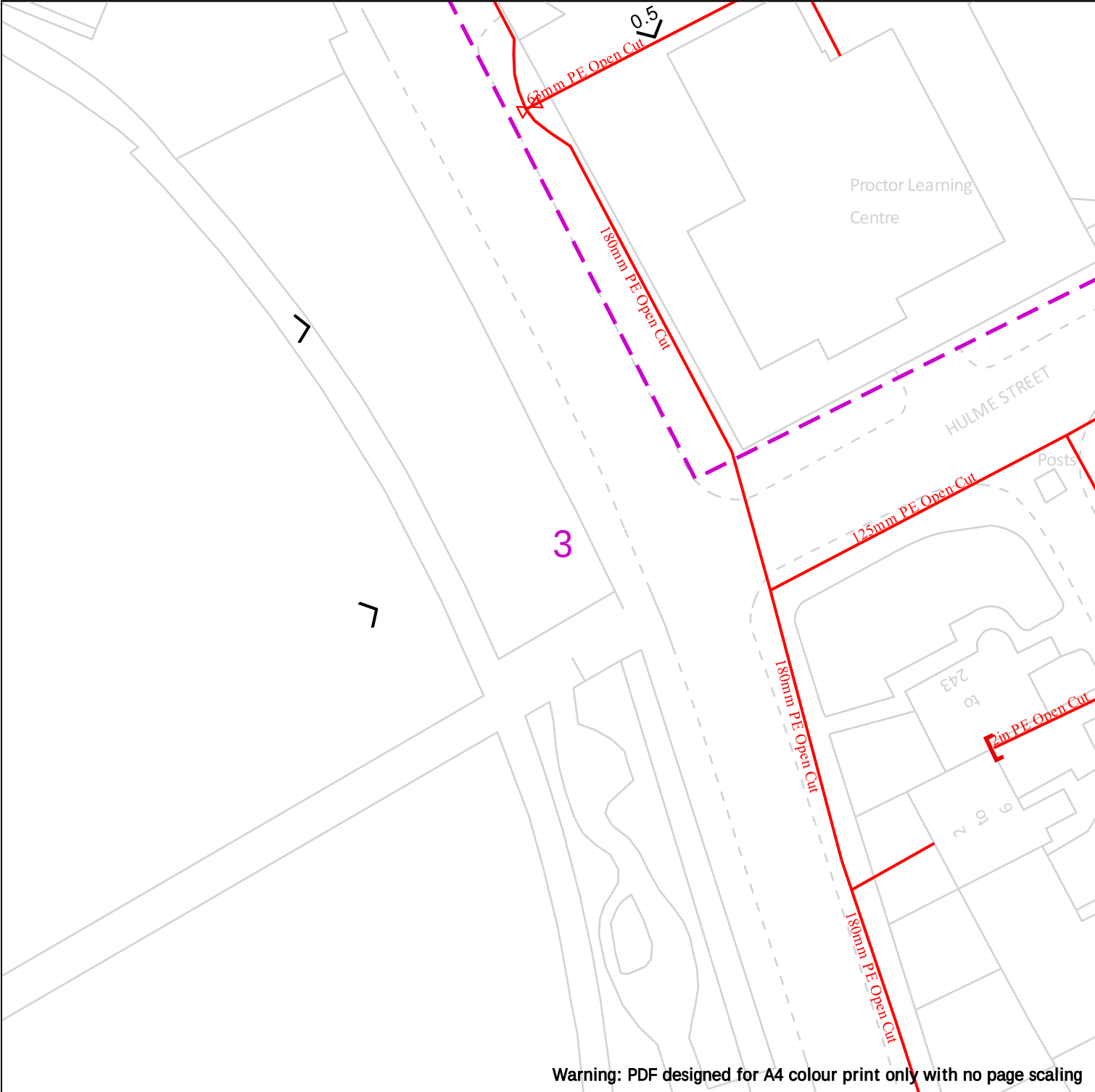
In case of emergency call - 0800 111 999

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 Your Gas Network	 Dig Sites Area:  Line:   LP Mains  MP Mains  IP Mains  LHP Mains  Valve  Depth of cover  Syphon  Diameter Change  Material Change  Out of Standard Service	Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following: • Identification of shallow services • Identification of dual services • Recording of non-perpendicular services A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.
	Date Requested: 27/11/2023 Job Reference: 31671580 Site Location: 383498 397079 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6311 View extent: 100m, 100m Scale: 1:500 (When plotted at A4)	IMPORTANT NOTICES This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards 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 Cadent Gas Limited or their agents, servants or contractors for any errors 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. In case of emergency call - 0800 111 999 Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886



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Cadent
Your Gas Network

Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

View extent: 100m, 100m

Scale: 1:500 (When plotted at A4)



25m

Dig Sites	Area:	Line:

	LP Mains		Valve		Diameter Change
	MP Mains		Depth of cover		Material Change
	IP Mains		Syphon		Out of Standard Service
	LHP Mains				

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.

Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

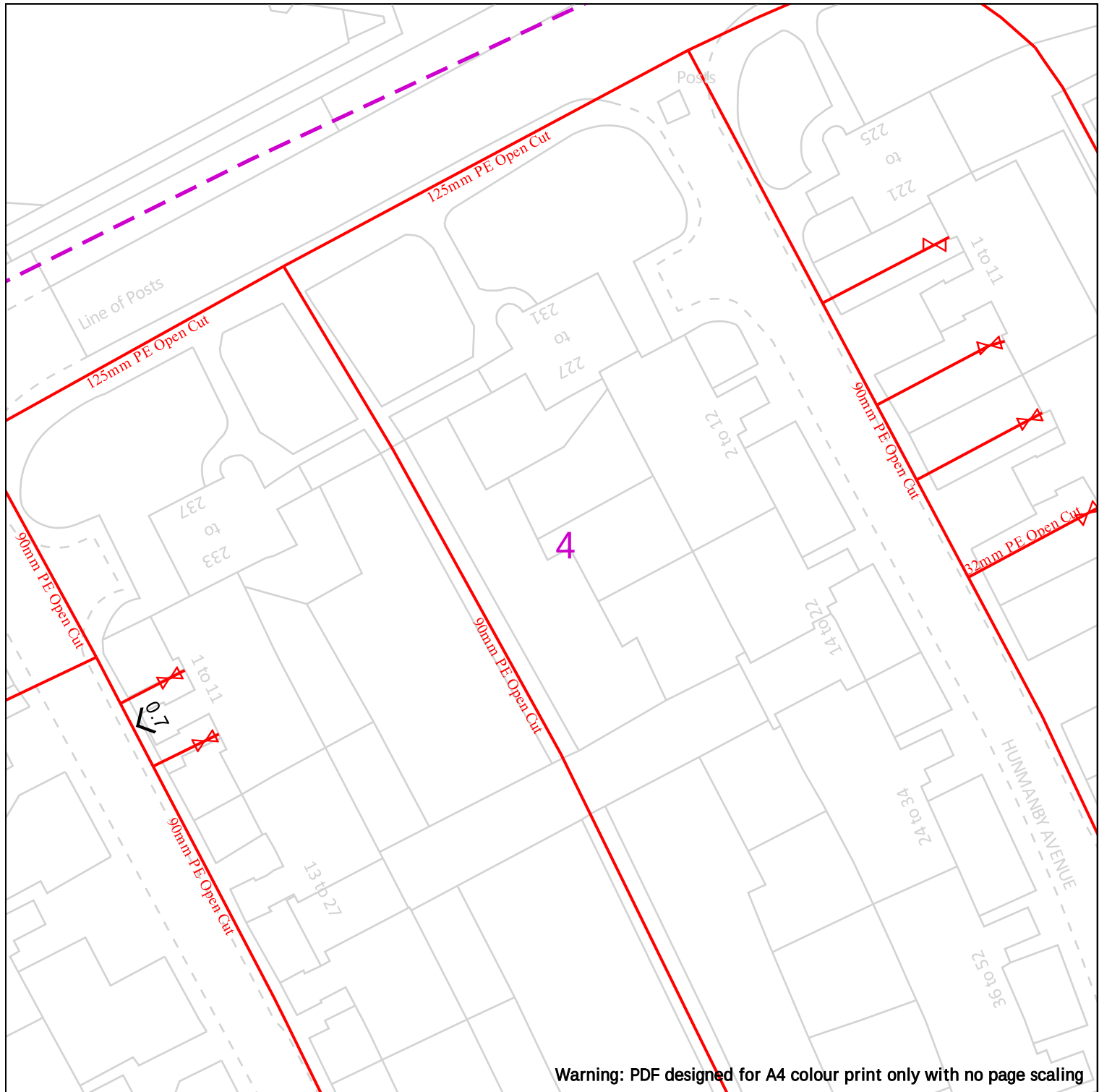
A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards 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 Cadent Gas Limited or their agents, servants or contractors for any errors 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.

In case of emergency call - 0800 111 999

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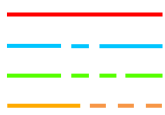
Warning: PDF designed for A4 colour print only with no page scaling

25m

Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve

Depth of cover

Syphon



Diameter Change

Material Change

Out of Standard Service

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.

Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
 - Identification of dual services
 - Recording of non-perpendicular services
- A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Cadent
Your Gas Network

Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

View extent: 100m, 100m

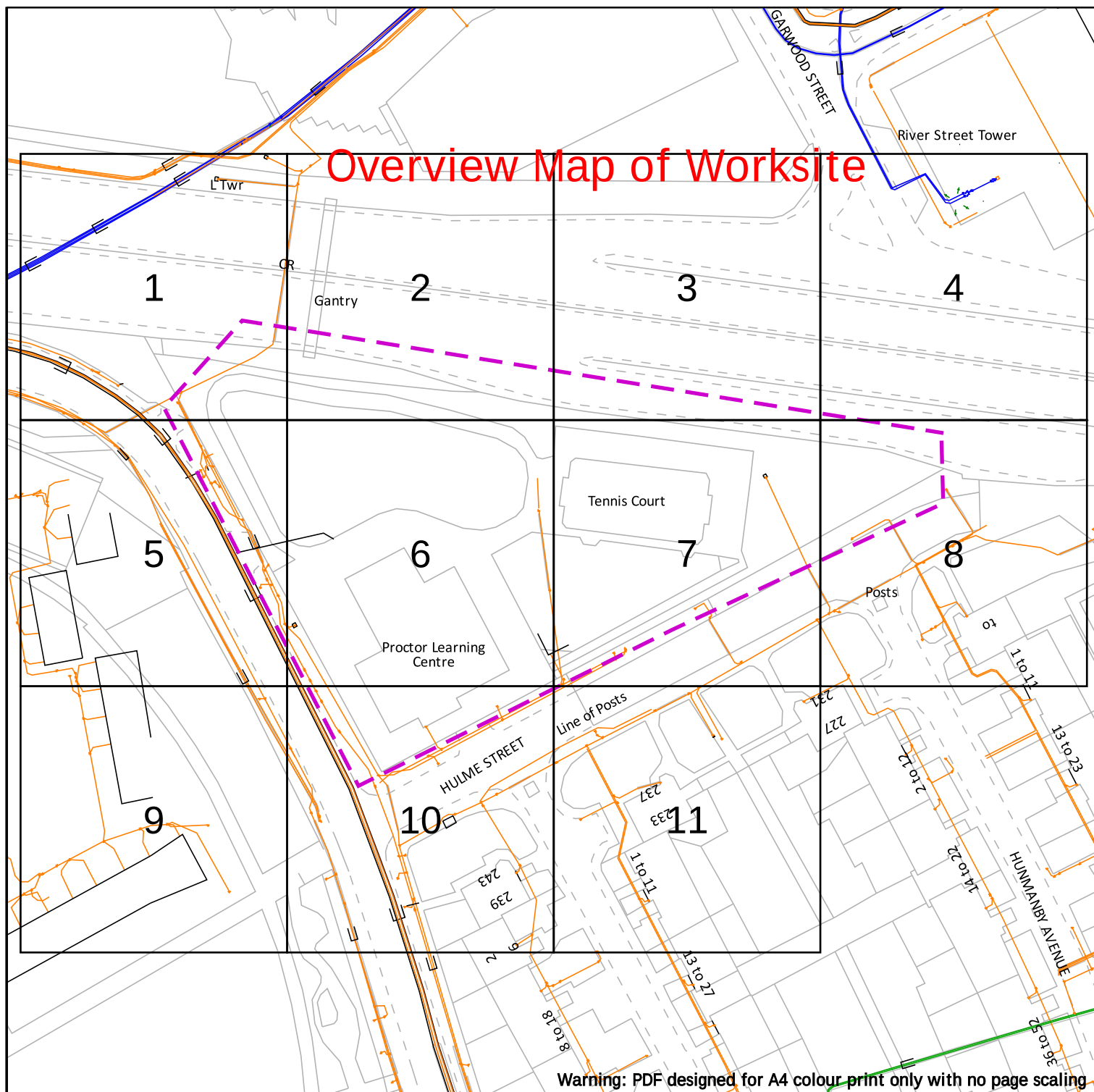
Scale: 1:500 (When plotted at A4)

IMPORTANT NOTICES

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In case of emergency call - 0800 111 999

Overview Map of Worksite



Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

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

In an emergency call 105,
24 hours a day

Dig Sites

Line:

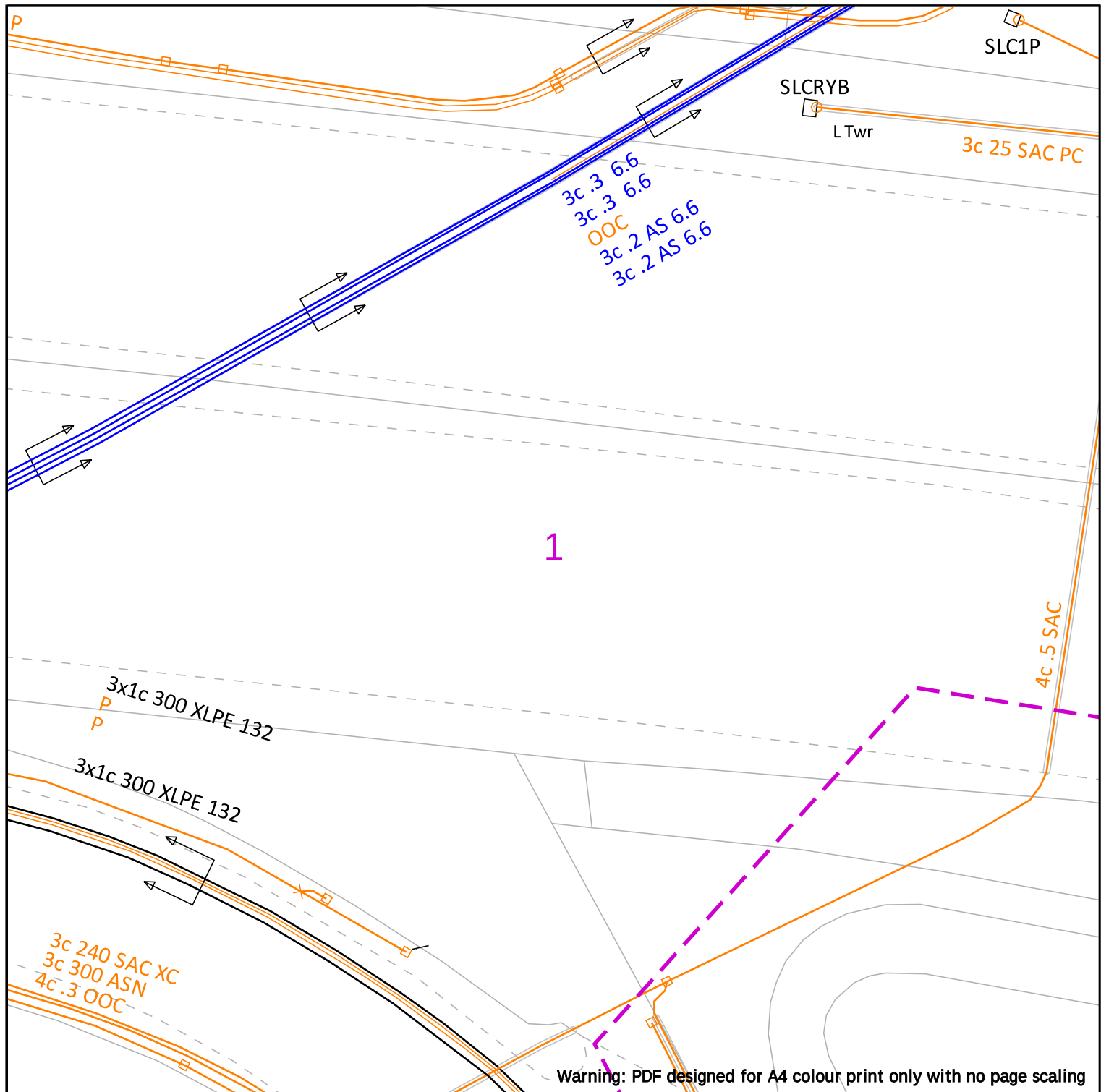
Area:

IMPORTANT INFO

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Scale: 1:1025 (When plotted at A4)



Data Management
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Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV
Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line:
Area:

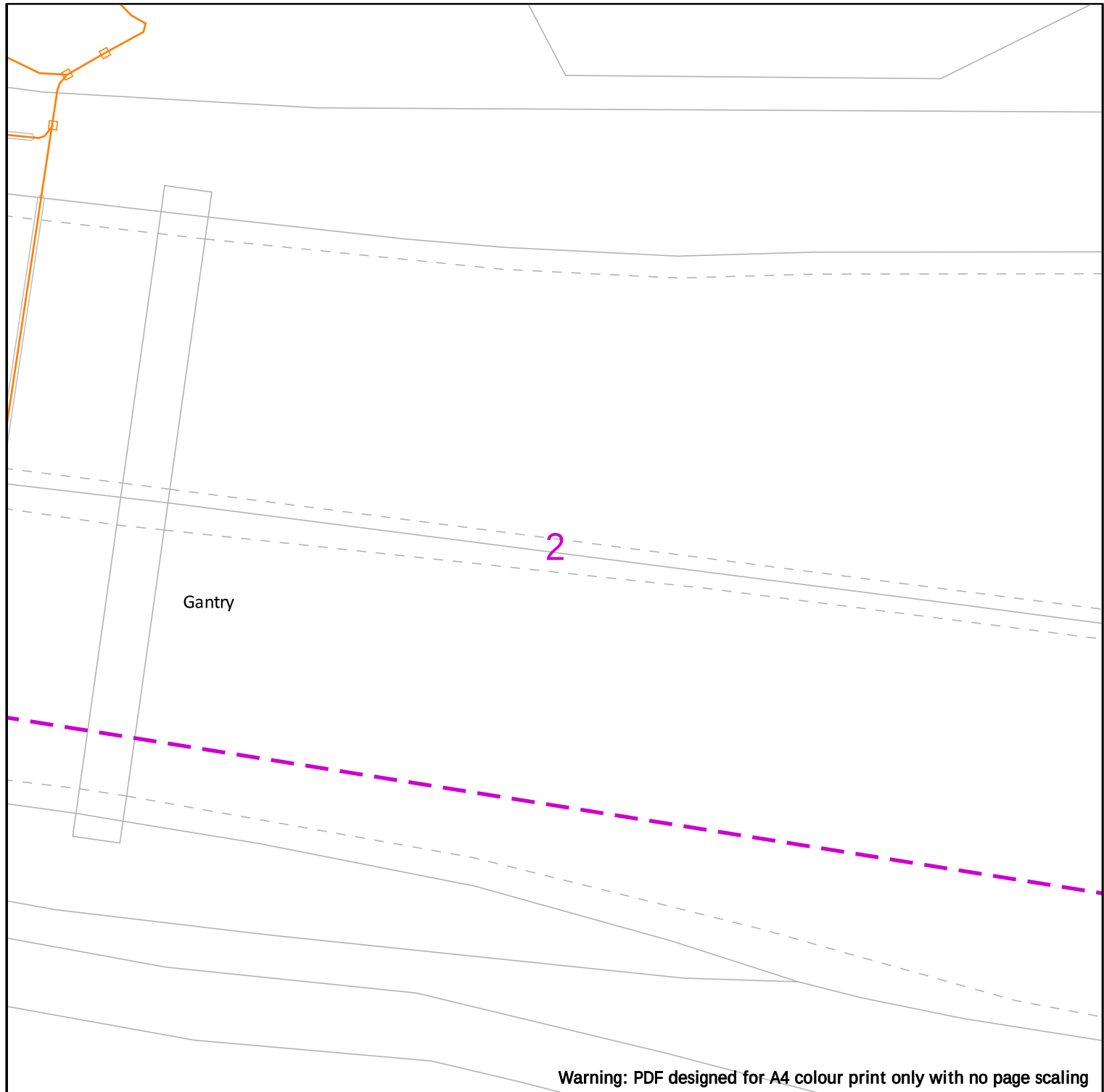
Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

IMPORTANT INFO

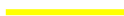
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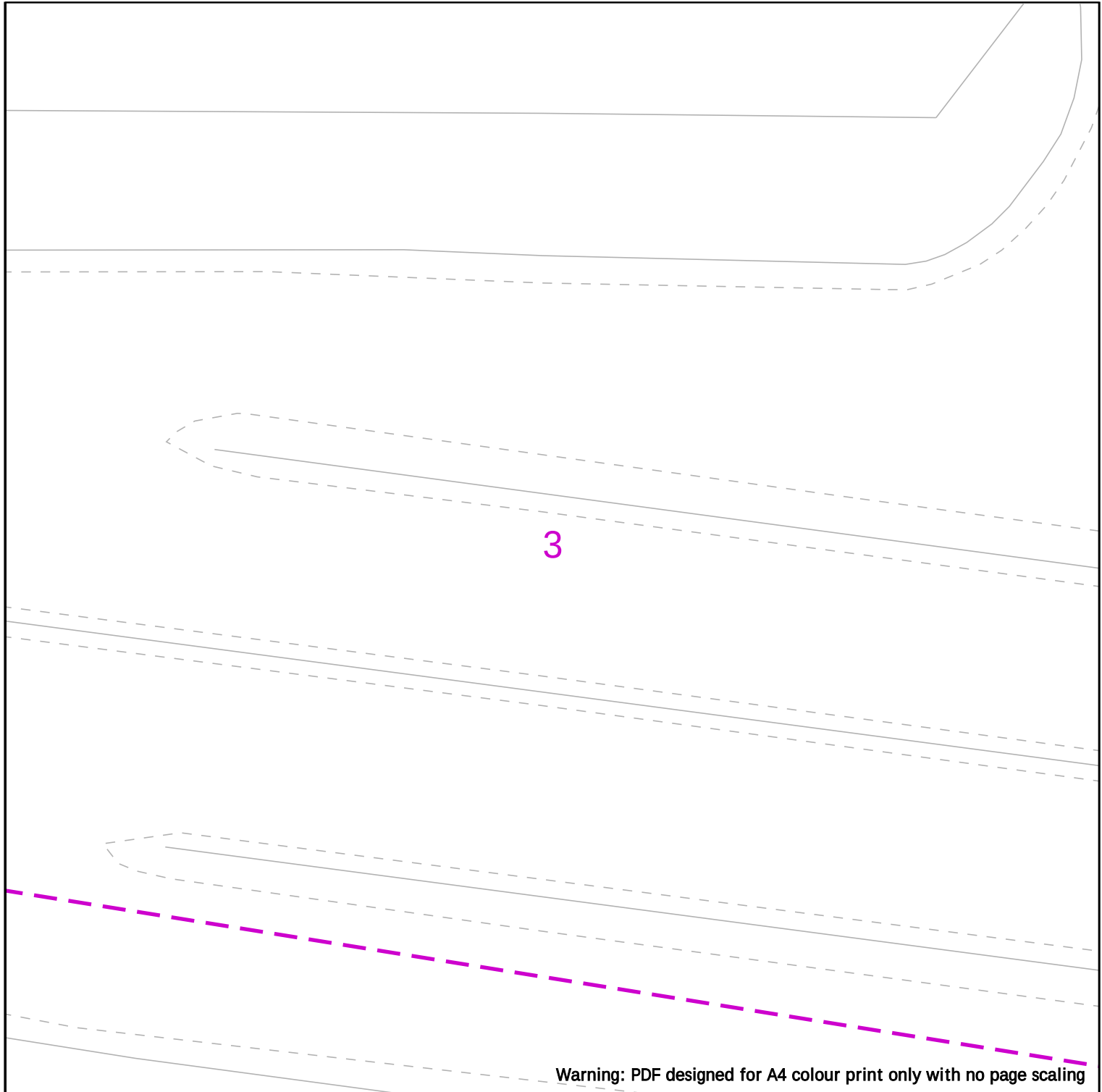
Scale: 1:250 (When plotted at A4)

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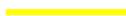


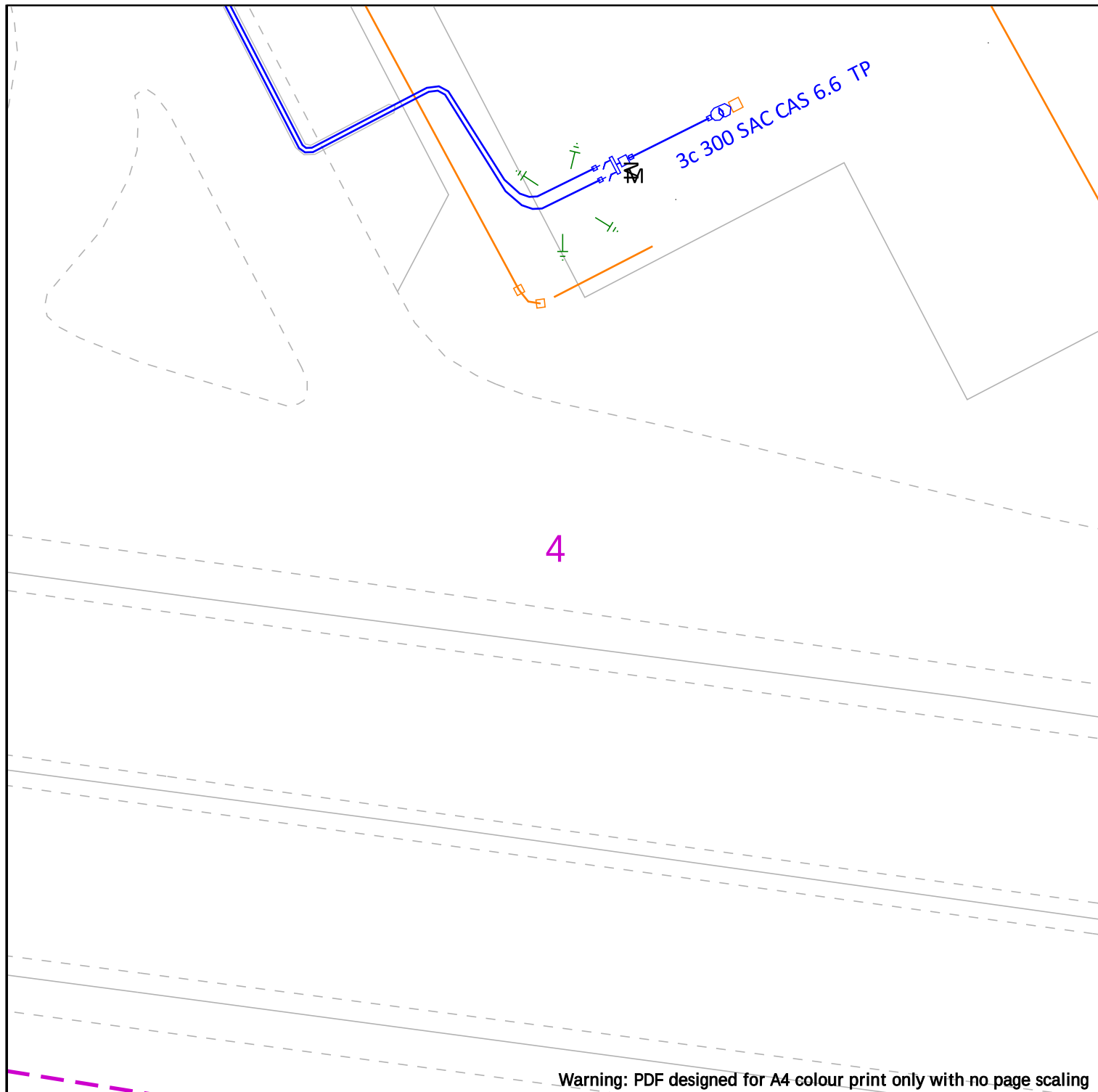
Warning: PDF designed for A4 colour print only with no page scaling

 Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
	132kV	Black			Line: 
	33kV	Green			Area: 
	22kV-25kV	Yellow			
	11kV	Red			
	6kV-6.6kV	Blue			
	1kV-6kV	Violet			
Date Requested: 27/11/2023 Job Reference: 31671580 Site Location: 383498 397079 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6311	LV	Orange			
	Unknown Voltage	Brown			
	IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. 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 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949				
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	Scale: 1:250 (When plotted at A4)				



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 Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
	132kV	Black			Line: 
	33kV	Green			Area: 
	22kV-25kV	Yellow			
	11kV	Red			
	6kV-6.6kV	Blue			
	1kV-6kV	Violet			
LV	Orange				
Date Requested: 27/11/2023 Job Reference: 31671580 Site Location: 383498 397079 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6311	Unknown Voltage	Brown			
	IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. 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 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949				
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Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

132kV

33kV

22kV-25kV

11kV

6kV-6.6kV

1kV-6kV

LV

Unknown Voltage

Colour Code

Black

Green

Yellow

Red

Blue

Violet

Orange

Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line:

Area:

Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

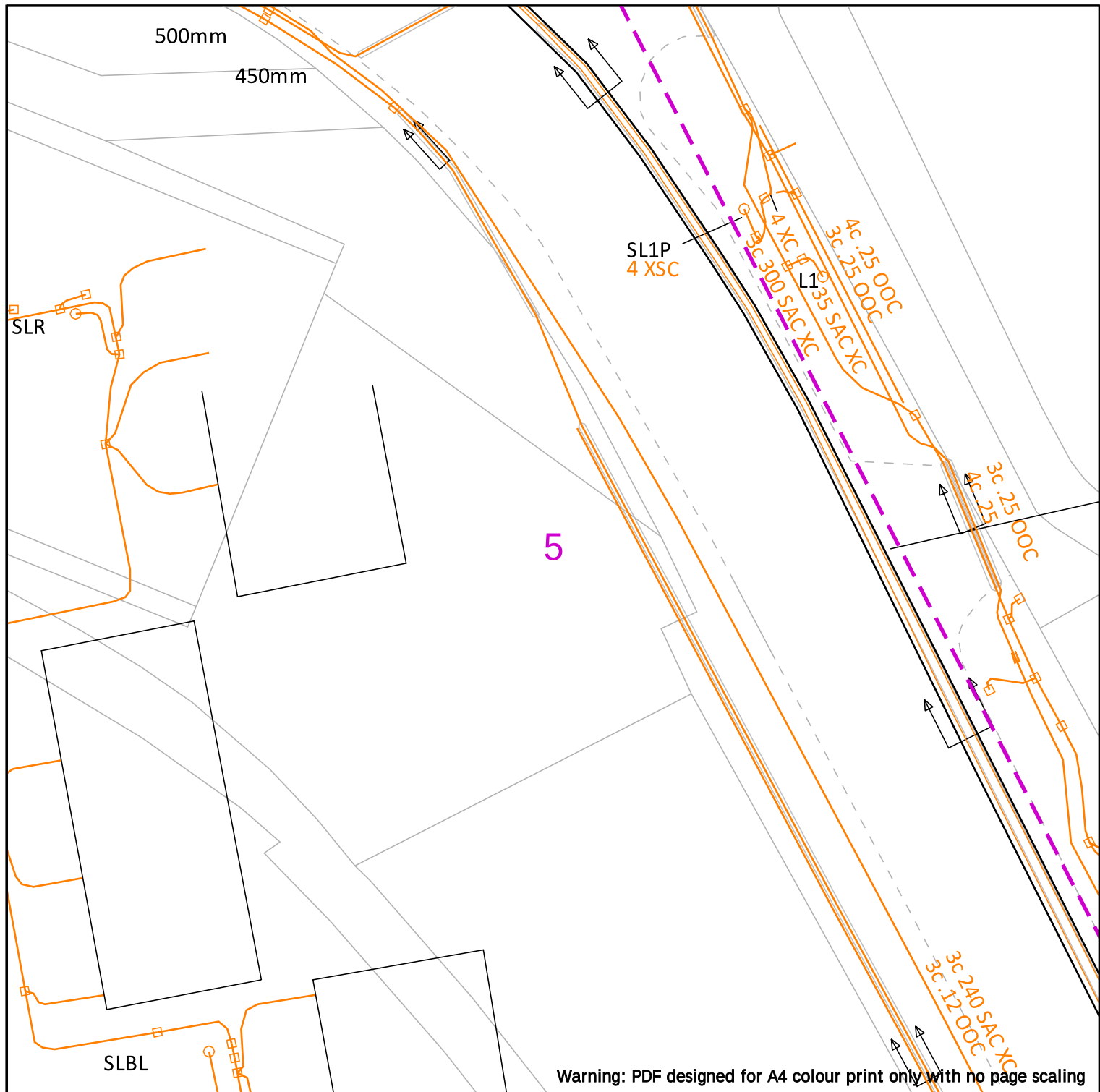
IMPORTANT INFO

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Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: ---

Area: []

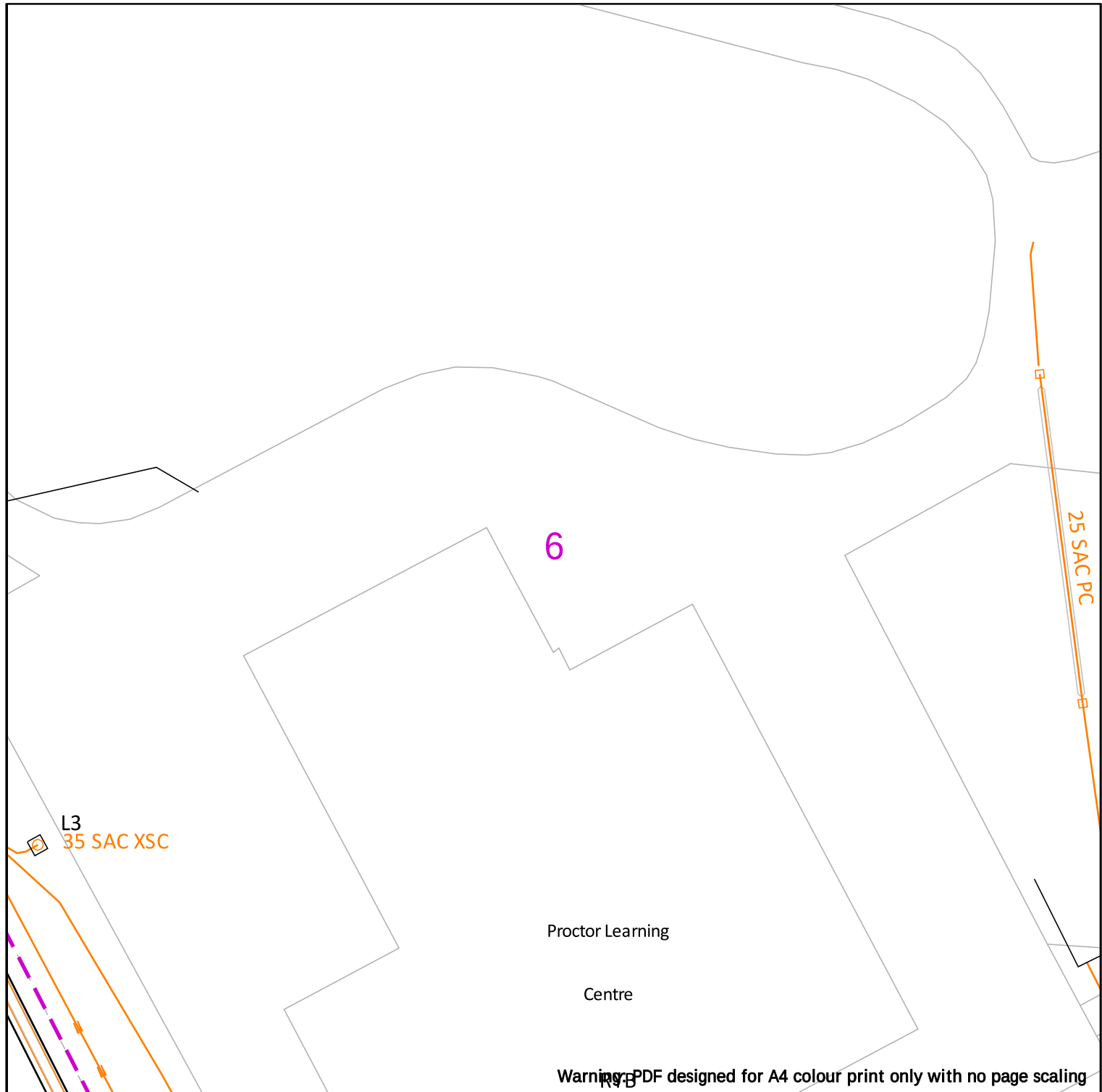
Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

IMPORTANT INFO

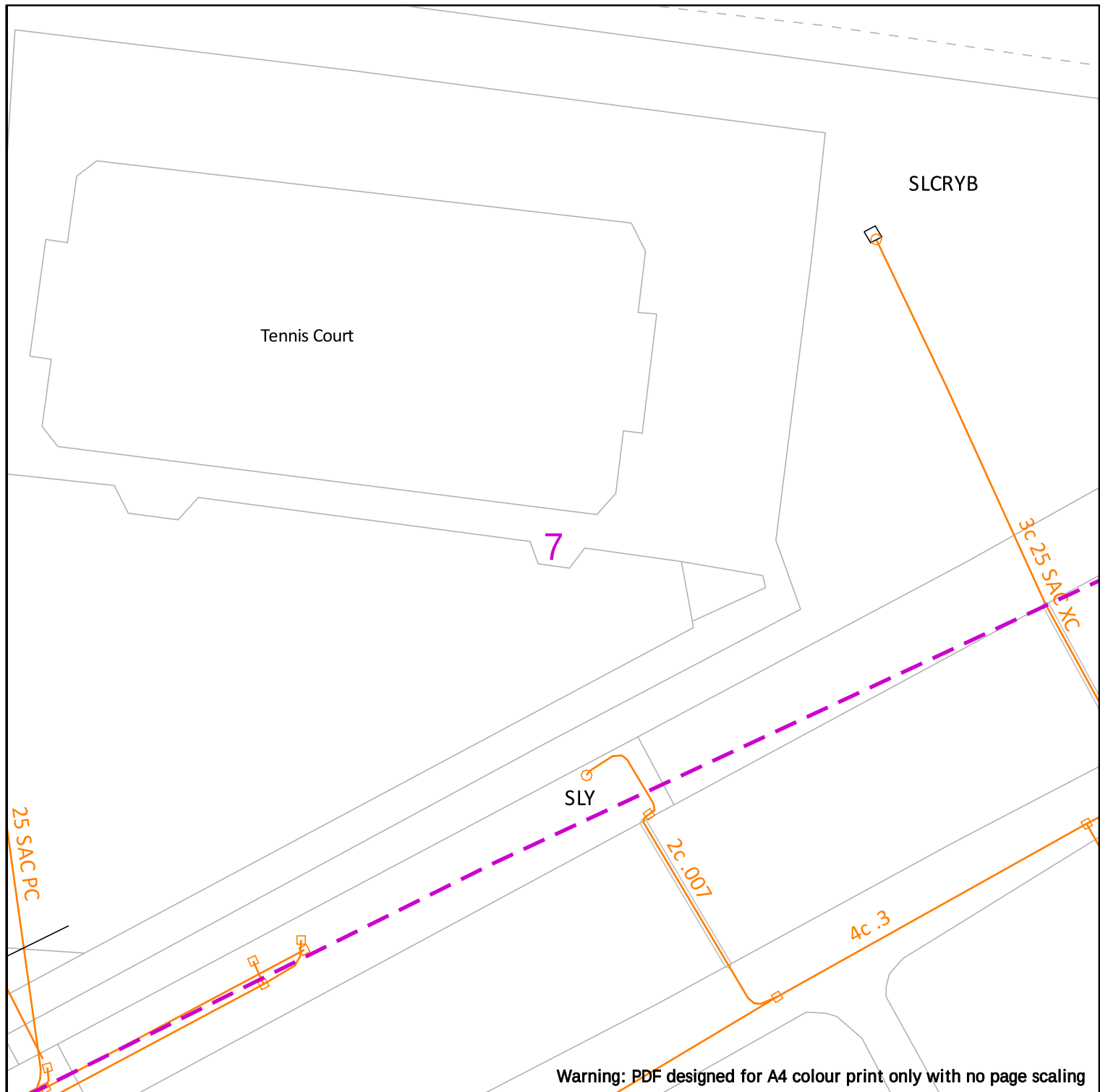
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Scale: 1:250 (When plotted at A4)

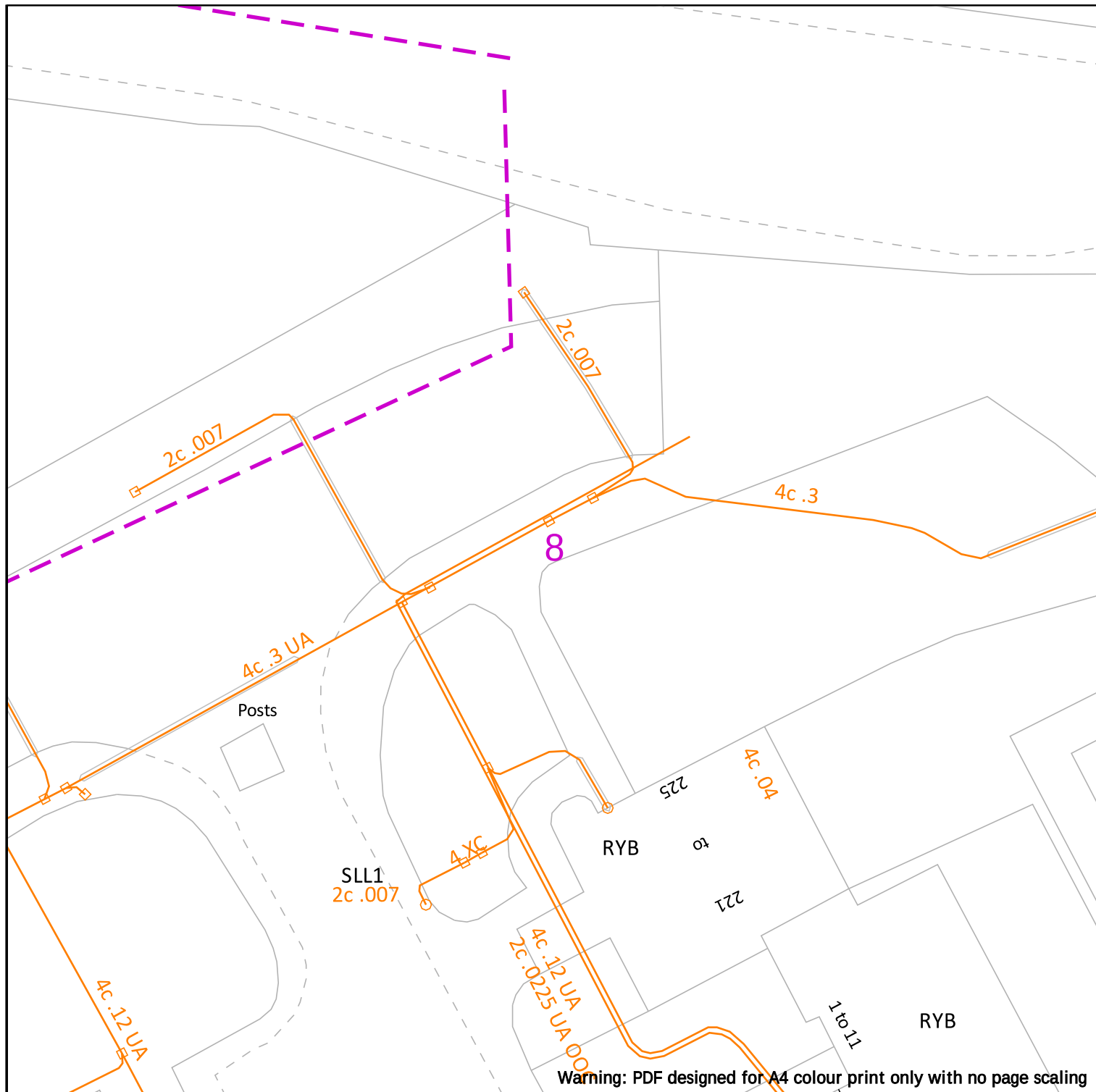
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	Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
	132kV	Black			Line: 
	33kV	Green			Area: 
	22kV-25kV	Yellow			
	11kV	Red			
	6kV-6.6kV	Blue			
	1kV-6kV	Violet			
	LV	Orange			
	Unknown Voltage	Brown			
Date Requested: 27/11/2023 Job Reference: 31671580 Site Location: 383498 397079 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6311 Scale: 1:250 (When plotted at A4)	IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. 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 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949 Reproduced from or based upon Ordnance Survey's map with the permission of Her Majesty's Stationary Office. Crown Copyright Reserved. LICENCE No. 100017892.				



	Operating Voltage 132kV 33kV 22kV-25kV 11kV 6kV-6.6kV 1kV-6kV LV Unknown Voltage	Colour Code Black Green Yellow Red Blue Violet Orange Brown	Line Colour        	In an emergency call 105, 24 hours a day	Dig Sites Line:  Area: 
Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. 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 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949				
Date Requested: 27/11/2023 Job Reference: 31671580 Site Location: 383498 397079 Requested by: Miss Lauren Wenham Your Scheme/Reference: STV6311 Scale: 1:250 (When plotted at A4)	Reproduced from or based upon Ordnance Survey's map with the permission of Her Majesty's Stationary Office. Crown Copyright Reserved. LICENCE No. 100017892.				



Data Management
Electricity North West
Linley House
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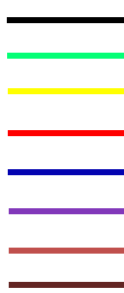
Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV
Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line:
Area:

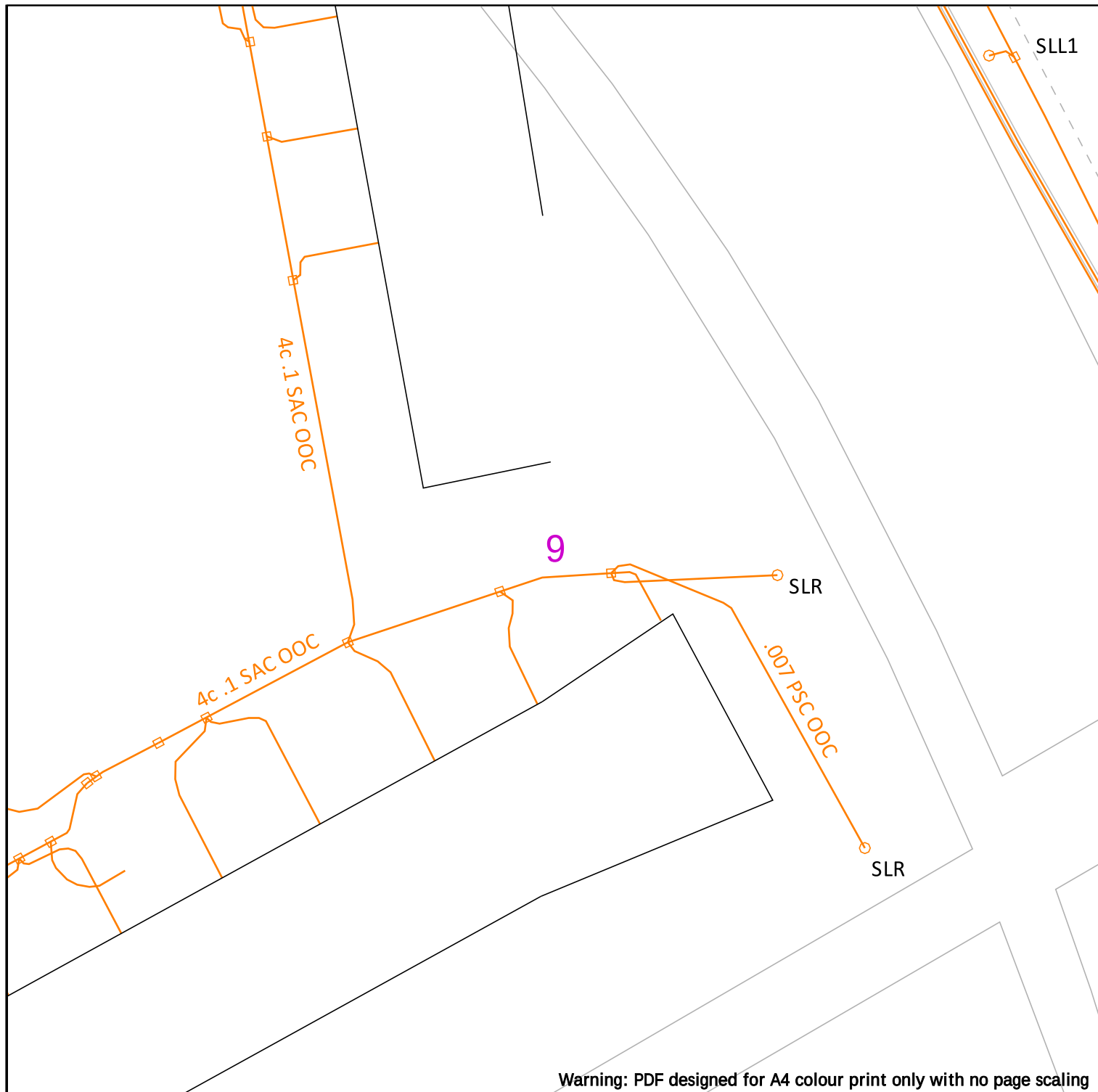
Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

IMPORTANT INFO

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Scale: 1:250 (When plotted at A4)

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Data Management
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Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

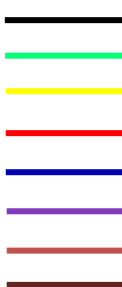
132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - -

Area: [] [] [] []

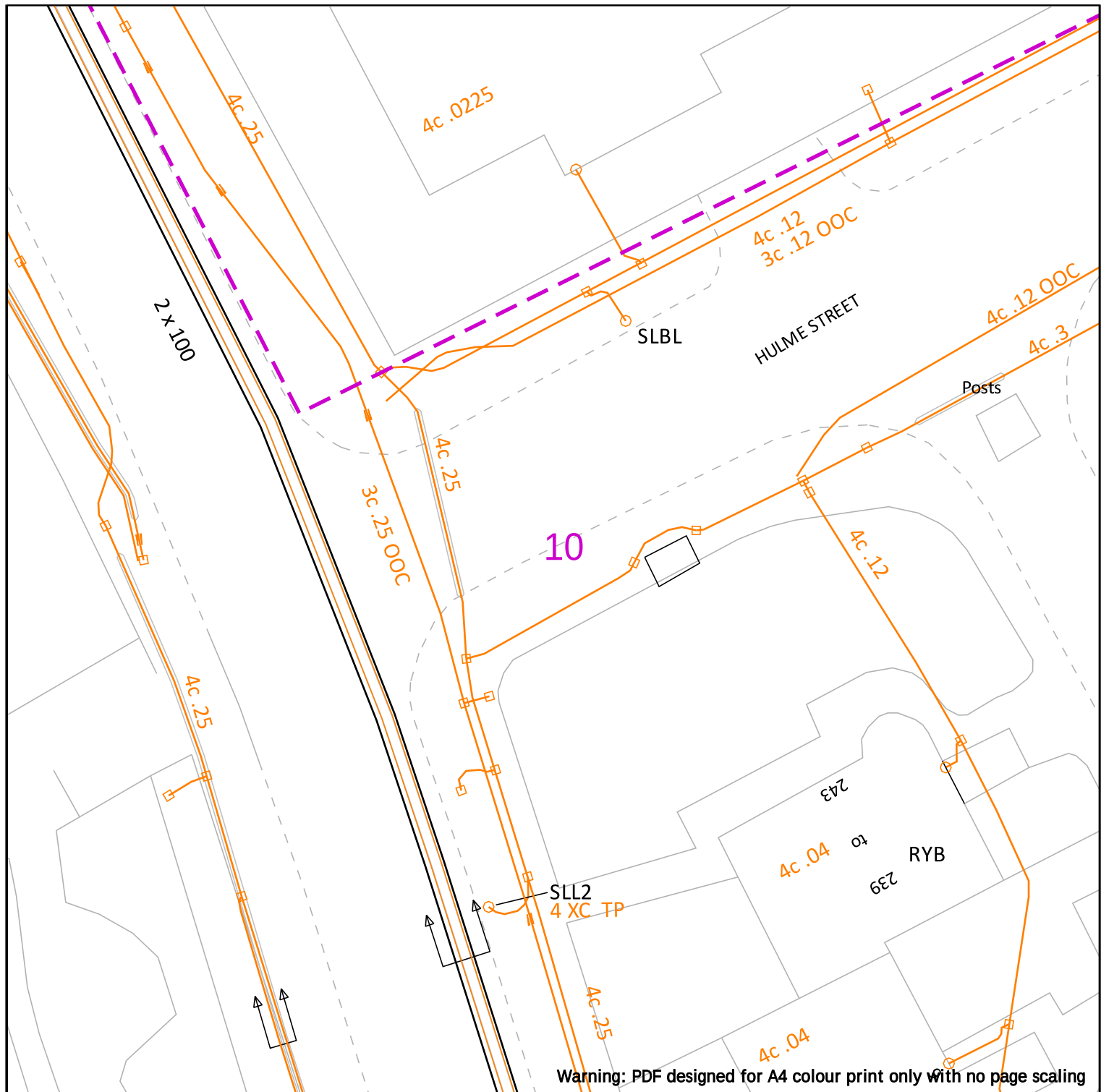
Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
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Your Scheme/Reference: STV6311

IMPORTANT INFO

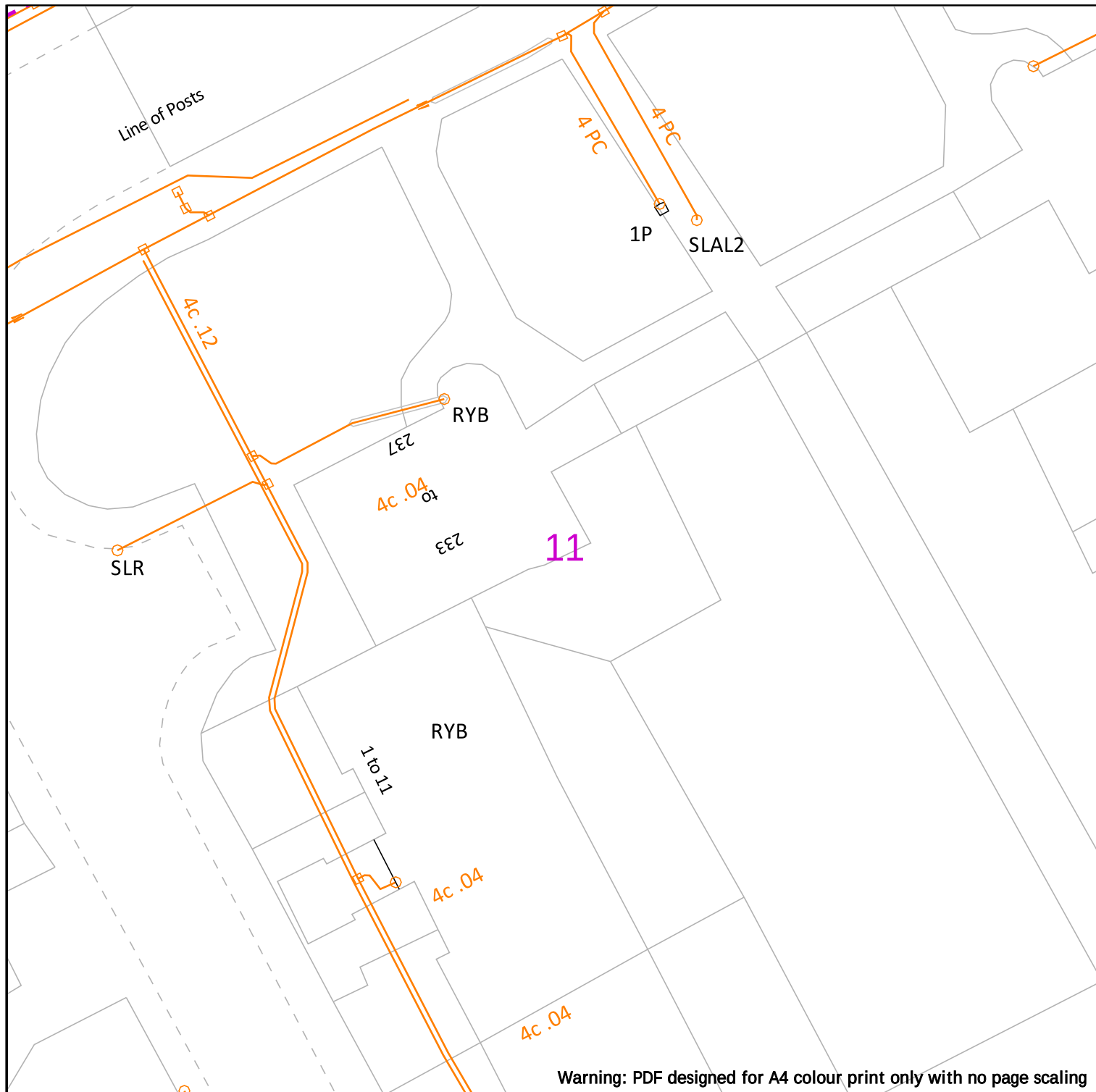
Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. 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 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949

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Data Management
Electricity North West
Linley House
Dickinson Street
Manchester, M1 4LF
Phone: 0800 195 4141
Email: planrequest@enwl.co.uk

Operating Voltage

132kV
33kV
22kV-25kV
11kV
6kV-6.6kV
1kV-6kV
LV

Unknown Voltage

Colour Code

Black
Green
Yellow
Red
Blue
Violet
Orange
Brown

Line Colour



In an emergency call 105,
24 hours a day

Dig Sites

Line: - - - -

Area: [] [] [] []

Date Requested: 27/11/2023
Job Reference: 31671580
Site Location: 383498 397079
Requested by: Miss Lauren Wenham
Your Scheme/Reference: STV6311

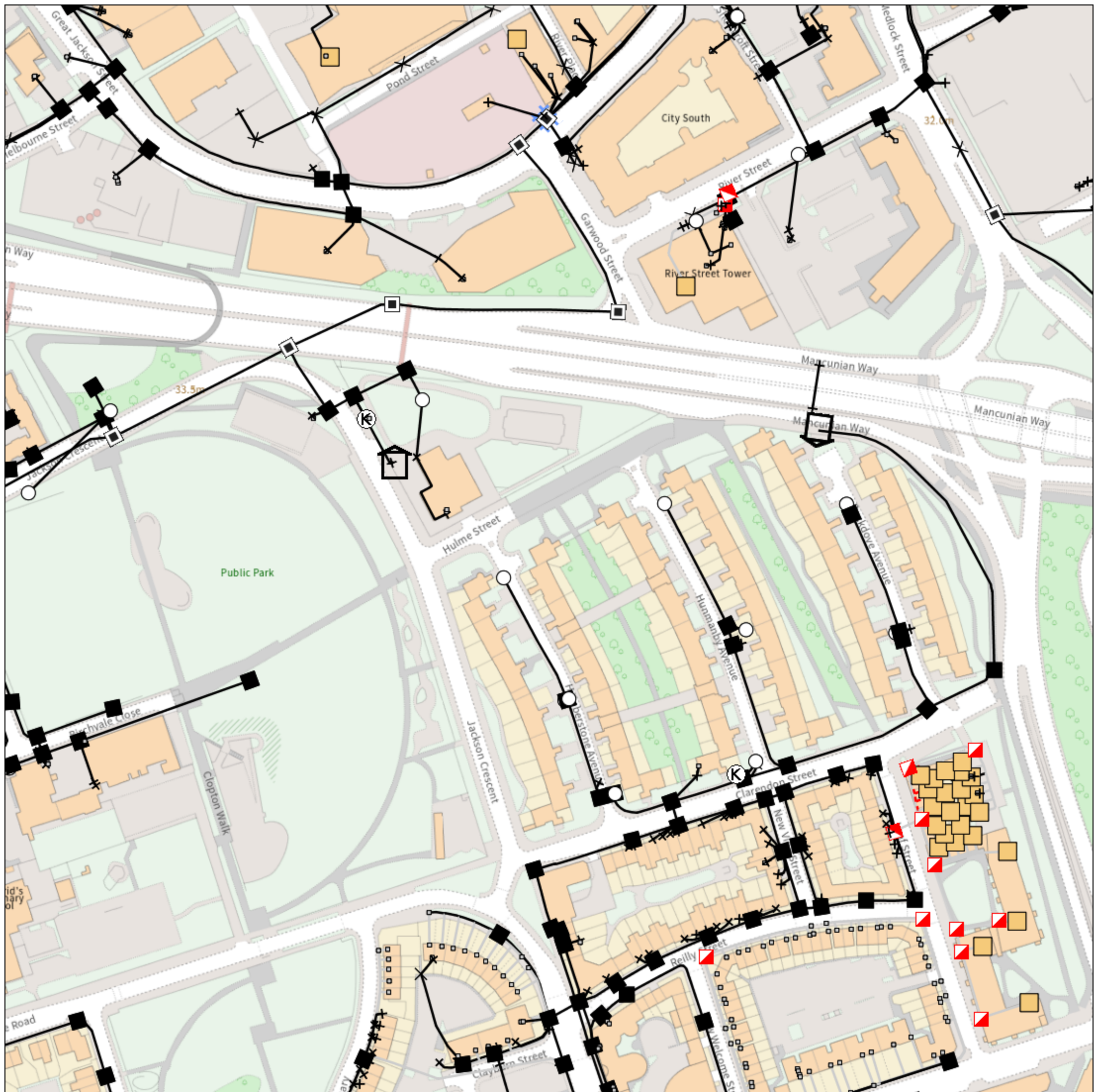
IMPORTANT INFO

Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. 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 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949

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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

Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	X	Built	
Pole			Duct Tee	▲	Planned	
Box			Building		Inferred	
Manhole			Kiosk	K	Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : CEI11408H

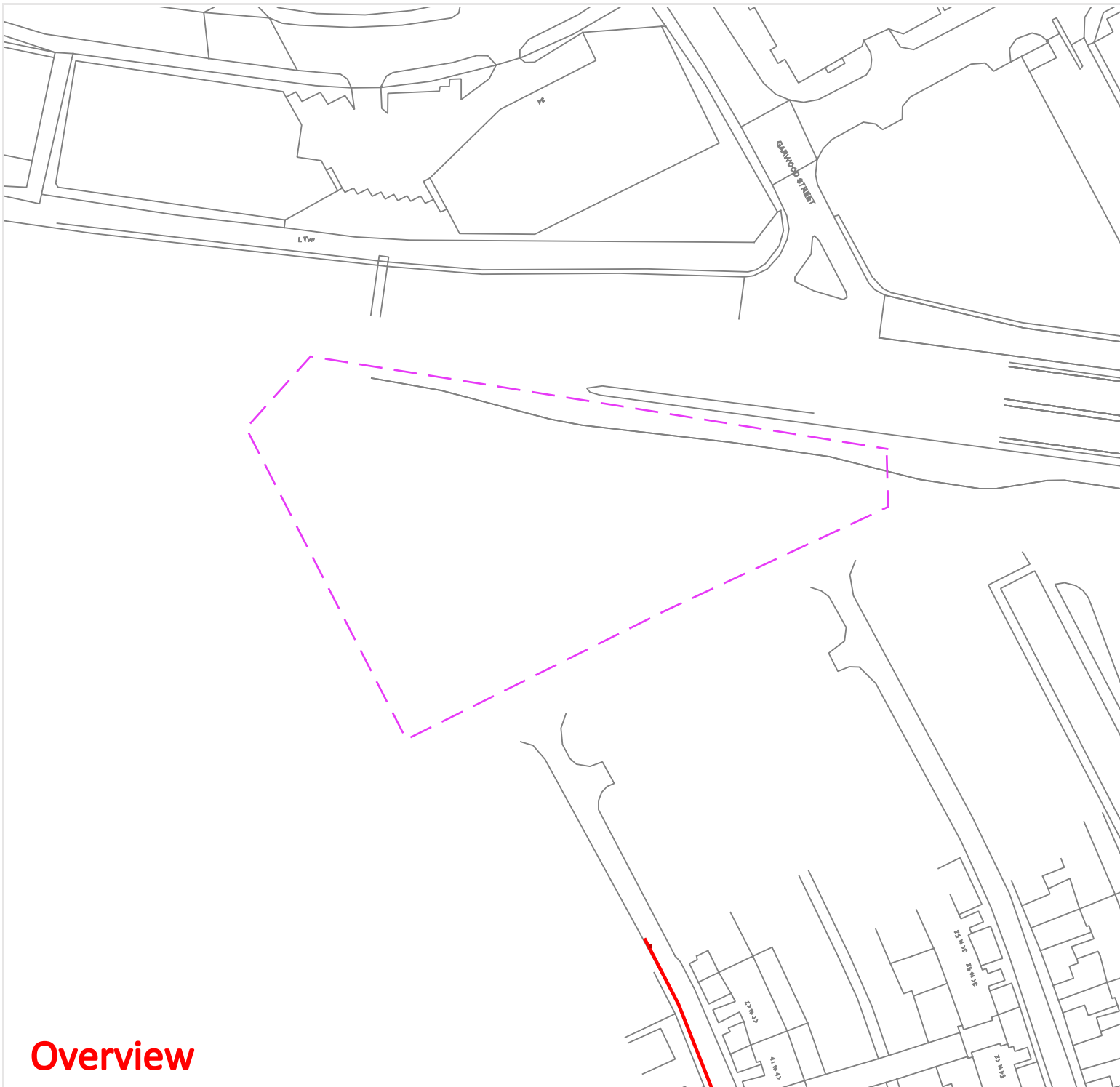
Map Reference : (centre) SJ8349797046

Easting/Northing : (centre) 383497,397046

Issued : 27/11/2023 11:40:46

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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



Zayo Group UK Ltd
4th Floor Harmsworth House
13-15 Bouverie Street
London, EC4Y 8DP



JSM Group Ltd
Sterling House
Mutton Lane, Potters Bar
Hertfordshire, EN6 3AR
T: 01992 655 919
zayoplantenquiries@jsmgroup.com

Legend

-  Zayo Duct
-  Zayo Chamber
-  Enquiry Area

Date requested: 27 Nov 2023
Requested by: Miss Lauren Wenham
Company: Soiltechnics Ltd
Job reference: 31671580
Your reference: STV6311

Scale on A4 paper: 1:1250

Warning: PDF designed for colour print only with no page scaling. This Information is given as a guide only and its accuracy cannot be guaranteed.



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Protecting Lives, Cables & Pipes

**In Emergency Only and if Zayo Plant or Cables
damaged call: 0800 169 1646**

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Overview

Enquirer

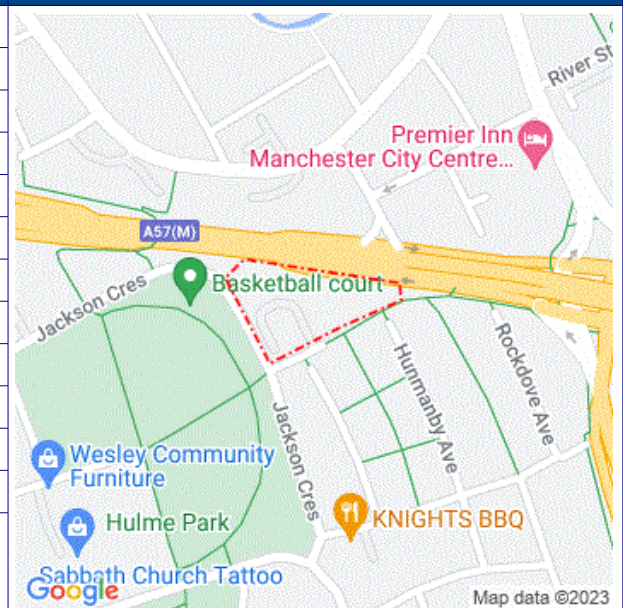
Name	Miss Lauren Wenham	Phone	01604 781877
Company	Soiltechnics Ltd	Mobile	Not Supplied
Address	Cedar Barn Cedar Barn White Lodge Walgrave Northamptonshire NN6 9PY		
Email	admin@soiltechnics.net		

Enquiry Details

Enquiry type	Planned Works
Work category	Development Projects
Work type	Commercial/industrial
Work type buffer*	75 metres
Start date	28/11/2023
End date	28/11/2023
Scheme/Reference	STV6311
Search location	M15 5EF
Confirmed location	383498 397079
Site size	0 metres square
Site Contact Name	Admin Soiltechnics
Site Phone No.	01604781877
Description of Works	NA

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

Site Map



Please note that the above map only displays the location of the proposed work site and will not display any of the Members' pipes and cables. It is imperative that this area accurately reflects the proposed work site.

Affected LSBUD members

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

Asset Owner	Phone/Email	Emergency Only	Status
Cadent Gas	0800688588	0800111999	Await response
Electricity North West Limited	08001954141	08001954141	Await response
Fulcrum Pipelines Limited	03330146455	0800111999	Await response
Zayo Group UK Ltd c/o JSM Group Ltd	01992 655 919	0800 169 1646	Await response

Status explanation

Await Response means that the asset owner will contact you. This is typically by sending the plan response but they may ask for further information before being able to do so, particularly if any payments or authorisations are required.

Email Additional Info means that the asset owner needs further information about your works to assess your enquiry before providing a response. Please provide any details you have available including plans, method statements etc. if available.

Important notices

It is very important that you correctly understand what the service does and the procedures in order for you to work safely. Please refer to the LSBUD Support Page (www.lsbud.co.uk/lineasearchbeforeudig-support) for further guidance.

This information includes how to provide additional information to the LSBUD Members who request it to provide a response to your enquiry.

Validity and search criteria. The results of this enquiry are based on the confirmed information you entered and are valid only as at the date and time of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig (LSBUD) accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.lsbud.co.uk ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

List of not affected LSBUD members (LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area.)

Angus Energy	AWE Pipeline	B & D Energy Limited
Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)	Box Broadband
BP Exploration Operating Company Limited	BPA	Cambridgeshire County Council Climate Change and Energy Services
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
CNG Services Ltd	Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd
D.S.Smith	Diamond Transmission Corporation	DIO (MOD Abandoned Pipelines)
DIO (MOD Live Pipelines)	E.ON UK CHP Limited	EDF Energy Renewables Ltd
EirGrid	Eleclink Limited	Energy Assets Networks
ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited	EP Langage Limited
ESB CCGT Power station (Carrington Gas Pipeline)	ESP Utilities Group	ESSAR
Esso Petroleum Company Limited	euNetworks Fiber UK Ltd	EXA Infrastructure
Exolum Pipeline System	Fulcrum Electricity Assets Limited	Gamma
Gas Networks Ireland (UK)	Gateshead Energy Company	Gigaclear Ltd
Harbour Energy	Heathrow Airport LTD	Humbly Grove Energy
IGas Energy	INEOS FPS Pipelines	INEOS Manufacturing (Scotland and TSEP)
INOBYN ChlorVinyls Limited	INOBYN Enterprises Limited	Intergen (Coryton Energy or Spalding Energy)
Jurassic Fibre Ltd	Kensa Utilities	Last Mile
Mainline Pipelines Limited	Manchester Jetline Limited	Manx Cable Company
Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited	Moray East Offshore Windfarm
MUA Group Limited	National Gas Transmission	National Grid Electricity Distribution
National Grid Electricity Transmission	National Grid Ventures	Neos Networks
Northern Gas Networks Limited	Northumbrian Water Group	NPower CHP Pipelines
NTT Global Data Centers EMEA UK Ltd	NYnet Ltd	Ogi
Oikos Storage Limited	Ørsted	Palm Paper Ltd
Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos	Phillips 66
Portsmouth Water	Premier Transmission Ltd (SNIP)	Redundant Pipelines - LPDA
RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)	SABIC UK Petrochemicals
SAS Utility Services Ltd	Scottish and Southern Electricity Networks	Scottish Power Generation
Seabank Power Ltd	SES Water	SGN
Shell	Shell NOP	SP Energy Networks
Spring Fibre Limited	Squire Energy Networks	SSE Generation Ltd
SSE Transmission	SSE Utility Solutions Limited	Storengy

Tata Communications (c/o JSM Construction Ltd)	TfL – London Underground HV Cables (Road Side Cables)	Total Colnbrook Pipelines
Total Finaline Pipelines	Transmission Capital	Trojan Energy Limited
UK Power Networks	Uniper UK Ltd	University of Cambridge Granta Backbone Network
Vattenfall	Veolia ES SELCHP Limited	Veolia ES Sheffield Ltd
Voneus Limited	VPI Power Limited	Wales and West Utilities
West of Duddon Sands Transmission Ltd	Westminster City Council	

Non-LSBUD members (Asset owners not registered on LSBUD)

(The following Non-LSBUD Members may have assets in your search area. It is YOUR RESPONSIBILITY to contact them before proceeding.

Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.)

Asset Owner	Preferred contact method	Phone	Status
Arelion UK Ltd	check-network@arelion.com		Not Notified
BT	https://www.swns.bt.com/pls/mbe/welcome.home	08000232023	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified
Colt	plantenquiries@catelecomuk.com	01227768427	Not Notified
Equans	nrsua.uk@equans.com	0800 130 3600	Not Notified
GTC	https://pe.gtc-uk.co.uk/PlantEnqMembership	01359240363	Not Notified
Lumen Technologies	plantenquiries@ocugroup.com	02087314613	Not Notified
Manchester City Council	https://www.manchester.gov.uk		Not Notified
Mobile Broadband Network Limited	mbnl.plant.enquiries@turntown.com	01212 621 100	Not Notified
Sky UK Limited	nrsua@sky.uk	02070323234	Not Notified
Sota	sota.plantenquiries@ocugroup.com		Not Notified
United Utilities	WastewaterDeveloperServices@uuplc.co.uk	08707510101	Not Notified
Utility assets Ltd	assetrecords@utilityassets.co.uk		Not Notified
Verizon Business	osp-team@uk.verizonbusiness.com	01293611736	Not Notified
Virgin Media	http://www.digdat.co.uk	08708883116	Not Notified
Vodafone	osm.enquiries@atkingglobal.com	01454662881	Not Notified

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