IPX1101
Desktop Utility Search
Drakefell Road
March 25

	Name	Position	Signature	Date
Prepared	Lauren Hartley	Project Coordinator	L Hartley	18 March 2025
Reviewed	David Jones	Operations Director	D Jones	18 March 2025
Authorised	Richard Addison	Managing Director	R Addison	18 March 2025

Issue	Date	Description	Prepared	Reviewed	Authorised
00	18 March 2025	Final Report	LH	DJ	RA

Client	Lewisham Council
Site ID	Drakefell Road
Site Address	Drakefell Road, Telegraph Hill, New Cross Gate, London Borough of Lewisham, London, Greater London, England, SE4 2DS, United Kingdom
Date	18th March 2025

Utility	Included	Comments
Electricity	✓	UK Power Networks National Grid
Gas	✓	SGN
Clean Water	✓	Thames Water
Waste Water	✓	Thames Water
Virgin Media	✓	-
BT	✓	-
TFL	✓	-
Linesearch	✓	-

Electricity

Registered Office:
Newington House
237 Southwark Bridge Road
London SE1 6NP

Registered in England and Wales No: 3870728

Company:
UK Power Networks (Operations) Limited

Our Ref: 36622156 Your Ref: 79 Drakefell Road

Thursday, 13 March 2025

Lauren Hartley
80 Sandy Lane Lowton
Warrington
CHS
WA3 1BG

Dear Lauren Hartley

Thank you for contacting us regarding UK Power Networks equipment at the above site. I have enclosed a copy of our records which show the electrical lines and/or electrical plant. I hope you find the information useful.

I have also enclosed a fact sheet which contains important information regarding the use of our plans and working around our equipment. Safety around our equipment is our number one priority so please ensure you have completed all workplace risk assessments before you begin any works.

Should your excavation affect our Extra High Voltage equipment (6.6 KV, 22 KV, 33 KV or 132 KV), please contact us to obtain a copy of the primary route drawings and associated cross sections.

If you have any further queries do not hesitate to contact us.

Plan Provision
0800 056 5866

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UK Power Networks (Operations) Limited

This information is made available to you on the terms set out below. If you do not accept the terms of use set out in this fact sheet please do not use the plans and return them to UK Power Networks.

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.

2. UK Power Networks does not exclude or limit its liability if it causes the death of any person or causes personal injury to a person where such death or personal injury is caused by its negligence.

3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise how for any loss, damage, costs, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.

4. The information about UK Power Networks electrical plant and/or electric lines provided to you belongs to and remains the property of UK Power Networks. You must not alter it in any respect.

5. The information provided to you about the electrical plant and/or electric lines depicted on the plans may NOT be a complete record of such apparatus belonging to UK Power Networks. The information provided relates to electric lines and/or electrical plant belonging to UK Power Networks that it believes to be present but the plans are not definitive: other electric lines and/or electrical plant may be present and that may or may not belong to UK Power Networks.

6. Other apparatus not belonging to UK Power Networks is not shown on the plan. It is your responsibility to make your own enquiries elsewhere to discover whether apparatus belonging to others is present. It would be prudent to assume that other apparatus is present.

7. You are responsible for ensuring that the information made available to you is passed to those acting on your behalf and that all such persons are made aware of the contents of this letter.

8. Because the information provided to you may not be accurate, you are recommended to ascertain the presence of UK Power Networks electric lines and/or electrical plant by the digging of trial holes. Trial holes should be dug by hand only.

   Excavations must be carried out in line with the Health and Safety Executive guidance document HSG 47. We will not undertake this work. A copy of HSG 47 can be obtained from the Health and Safety Executives website.

   All electric lines discovered must be considered LIVE and DANGEROUS at all times and must not be cut, resited, suspended, bent or interfered with unless specially authorised by UK Power Networks.

   The electric line and electrical plant belonging to UK Power Networks remains so even when made dead and abandoned and any such electric line and/or electrical plant exposed shall be reported to UK Power Networks.

   Where your works are likely to affect our electric lines and/or electrical plant an estimate of the price of any protective /diversionary works can be prepared by UK Power Networks Branch at Metropolitan House, Darkes Lane, Potters Bar, Herts. , EN6 1AG, telephone no. 0845 2340040

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9 Any work near to any overhead electricity lines must be carried out by you in accordance with the Health and Safety Executive guidance document GS6 and the Electricity at Work Regulations.

The GS6 Recommendations may be purchased from HSE Books or downloaded from the Energy Networks Association's website.

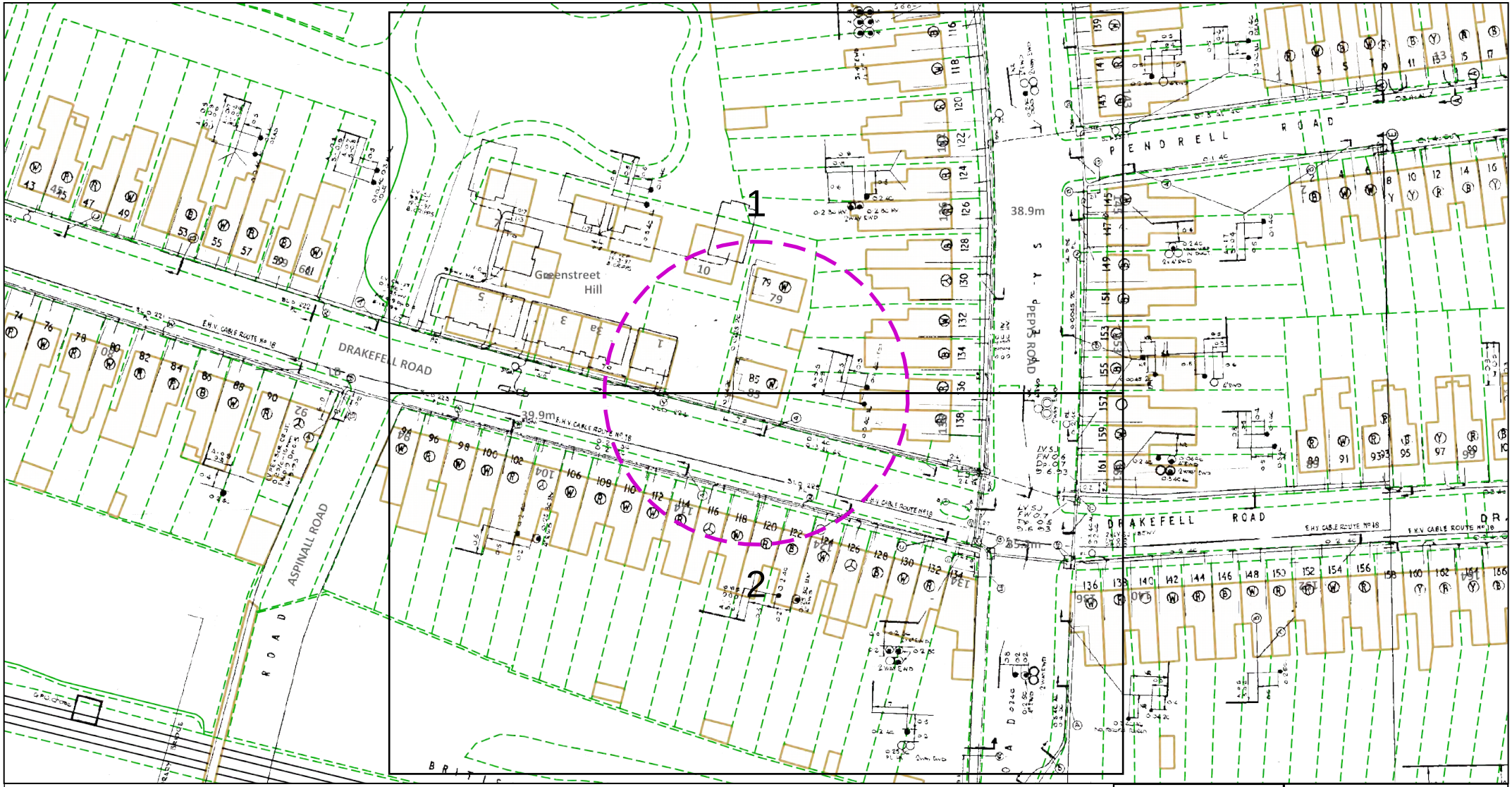
If given a reasonable period of prior notice UK Power Networks will attend on site without charge to advise how and where "goal posts" should be erected. If you wish to use this service, in the first instance please telephone: 0845 6014516 between 08:30 and 17:00 Monday to Friday.

10. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.

11. If in carrying out work on land in, on, under or over which is installed an electric line and/or electrical plant that belongs to UK Power Networks you and/or anyone working on your behalf damages (however slightly) that apparatus you must inform immediately UK Power Networks by our emergency 24 hour three digit telephone number **105** providing;

- your name, address and telephone number;
- the date, time and place at which such damage was caused;
- a description of the electric line and/or electrical plant to which damage was caused;
- the name of the person whom it appears to you is responsible for that damage;
- the nature of the damage.

12. The expression "UK Power Networks" includes UK Power Networks (EPN) plc, UK Power Networks (LPN) plc, UK Power Networks (SEPN) plc, UK Power Networks and any of their successors and predecessors in title.



Dig Sites Area: Line:

The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.

This plan must be used with the attached 'Symbols' document.

Date Requested: 13/03/2025
Job Reference: 36622156
Site Location: 535902 175929
Requested by:
Miss Lauren Hartley
Your Scheme/Reference: 79
Drakefell Road
Scale: 1:1025 (When plotted at A4)

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.
2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.
3. It is essential that trial holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all the cables have been determined.
4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.
5. All cables must be treated as being live unless proved otherwise by UK Power Networks.
6. The information proved must be given to all people working near UK Power Networks plant and equipment. Do not use plans more than 3 months after the issue date for excavation purposes.
7. Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.
8. Please be aware the Low Voltage Overhead power lines are not currently displayed for the Eastern Region via this service, if you require records on the location of these please contact our Plan Provision team directly via plans@ukpowernetworks.co.uk.

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.
2. UK Power Networks does not exclude or limit its liability if it causes the death of any persons or causes personal injury to a person.
3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.
4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and must return it to the sender of the letter.
5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.
6. Please Note: The Overview map does not display UK Power Networks electricity network and should not be used for the location of UK Power Networks assets. For detail of the electricity network please view the relevant page as highlighted in the Overview map.

UK Power Networks

IF IN DOUBT - ASK! PHONE
0800 056 5866
EMERGENCY - If you damage a cable or line
Phone 0800 783 8838 (24hrs)
URGENTLY

ALWAYS LOOK UP BEFORE YOU START WORK
Refer to HSE Guidance note GS6

Maps produced at 1:2500 scale are Geo-Schematics which show LV mains cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.

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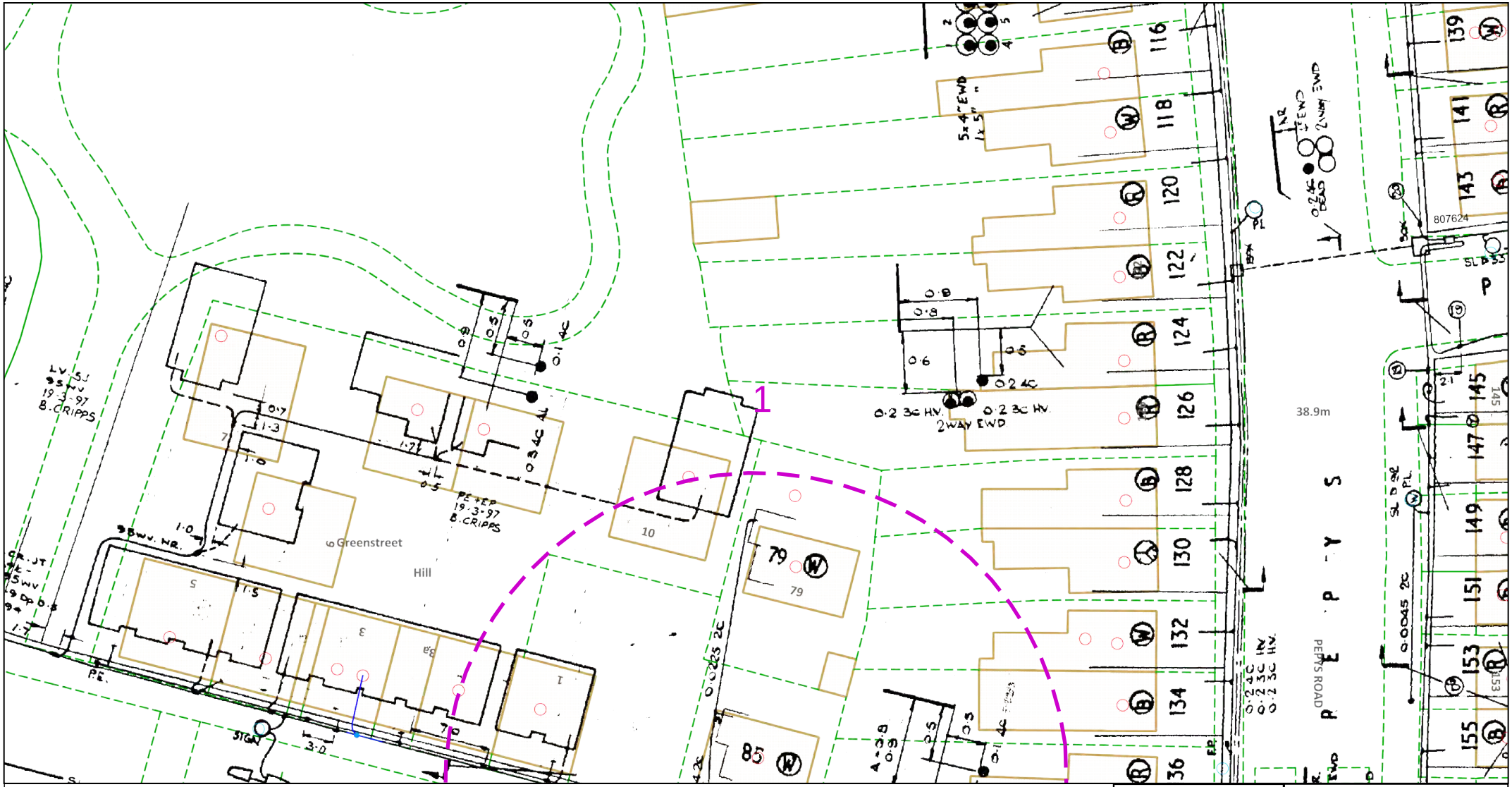
Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.



0 12.5 25
metres

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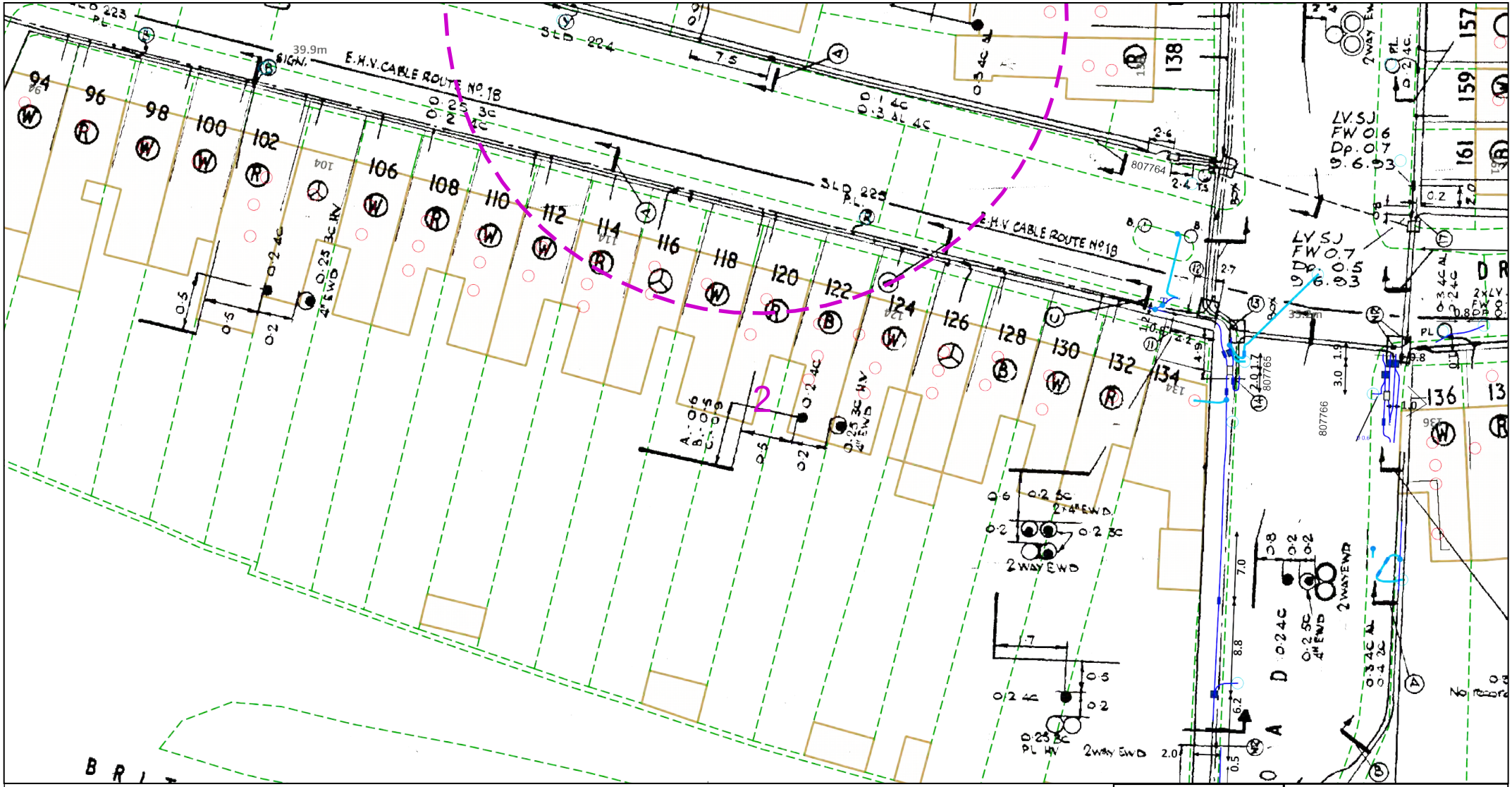

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UK Power Networks Feedback Tool

Please help UK Power Networks improve the accuracy of their network records and help make it safer for all those working around them in future.

All you need to do is:

1. Use your phone camera to scan the QR code:
2. Provide feedback on what you have found on site (good or bad)
3. Upload a photo if needed

Thank you for making the area a safer place to dig.

UK Power Networks, working with LSBUD

LONDON ELECTRICITY

For details of cables in this area refer to the microfiche issued by SOUTH THAMES AREA-WEST

LONDON ELECTRICITY

For details of cables in this area refer to the microfiche issued by SOUTH THAMES AREA-WEST

C6 NE

Network Records NetMAP Symbols Booklet - London

This symbol booklet is intended as a general guide only - some local variations of these symbols may be found.

Version 1.2

Released October 2010

Always check with your local Network Records office or the UK Power Networks server to ensure that you are using the most up to date copy of this booklet.Tel: 08000 565866

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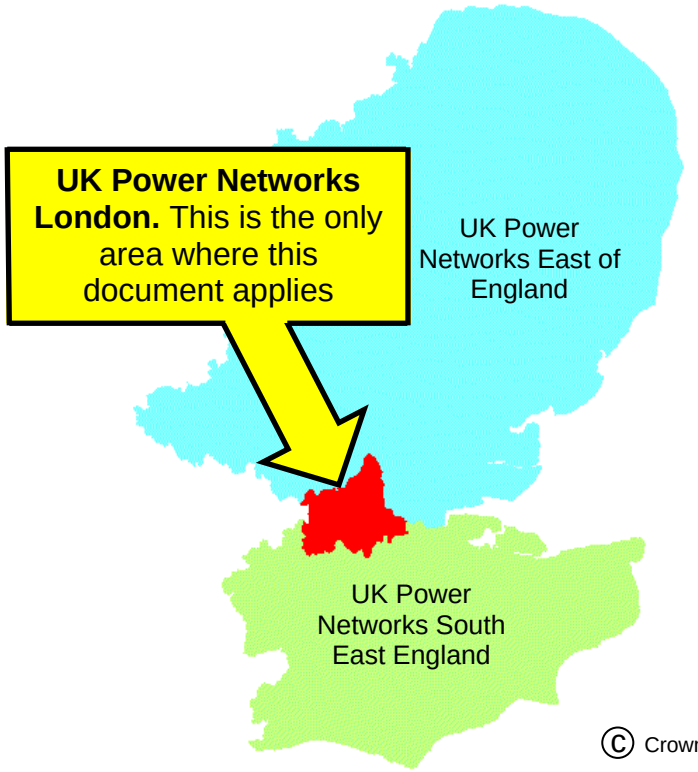
Guidance notes.

Important notice:
If you do not understand the NetMAP record that you are using, please contact UK Power Networks Network Records for guidance
Tel: 08000 565866.

- The position of apparatus shown on NetMAP is believed to be correct, but the original landmarks may have altered since the apparatus was installed.
- It must be assumed that there is at least one service to each property, lamp column, street sign etc. A separate record may be available.
- When excavations are to be carried out near Extra High Voltage (EHV) cables, further details must be obtained before commencement of work.
- Third party cables are not usually shown.
- When two or more maps are supplied for the same area, the maps must be read in conjunction with each other and with this symbol booklet.
- All LV cables are assumed to be 4 core, and all HV cables assumed to be 3 core – unless otherwise stated.
- All Imperial cable sizes are assumed to be copper and all metric cable sizes are assumed to be aluminium – unless otherwise stated.

Plan Provision Team
Fore Hamlet
Ipswich
Suffolk IP3 8AA
Tel: 08000 565866

The area covered by this guide:



Please see the anomalies map at the end of this safety booklet for greater map area detail, and a breakdown of the more significant anomalies within the London area.

Scenery

NetMAP system	Scanned image	Description
		100 metre Ordnance Survey grid line (on O/S based maps only)
		Property fence line
		Building line
		Kerb line
		Kerb line on majority of ways & mains maps
TUNNEL		Cable tunnel or subway
NOT APPLICABLE	or	Borough or City boundary and UK Power Networks boundary
	or	UK Power Networks or Electrical boundary

Scenery for UK Power Networks use only - boxed in red

NetMAP system	Scanned image	Description
Inset Network – Contact xxxx IDNO for further information	Not applicable	Area of inset network - not the asset of UK Power Networks (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Proposed Cross Rail route (only visible to of UK Power Networks and their immediate contractors)
	Not applicable	High pressure pipelines in the general vicinity (only visible to of UK Power Networks and their immediate contractors)

Note: Pipelines are only viewable on NetMAP by UK Power Networks staff and their immediate contractors. Do not carry out any excavation without consent from the relevant agency - legally protected high pressure petroleum products pipeline route in the general vicinity - consult www.linewatch.co.uk for contacts and guidance. Pipeline contact numbers can also be found on the intranet – out of hours, contact our Control Centre.

	Not applicable	Water - surface water (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 1 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 2 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 3 (only visible to UK Power Networks and their immediate contractors)

section continued on next page

Scenery for UK Power Networks use only - boxed in red

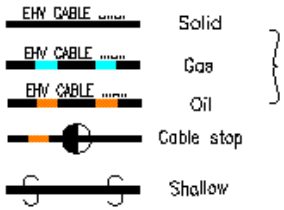
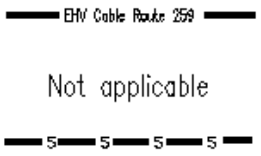
NetMAP system	Scanned image	Description
	Not applicable	Historical - Scheduled Monuments (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Historical - Parks and Gardens (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Historical - Areas of Archaeological Potential (AAP) (only visible to UK Power Networks and their Immediate contractors)
	Not applicable	Nature - Ramsar Wetlands of International Importance (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Special Area of Conservation (SAC) (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Special Protected Area (SPA) (only visible UK Power Networks and their immediate contractors)
	Not applicable	Nature - Site of Special and Scientific Interest (SSSI) (only visible to UK Power Networks and their immediate contractors)

section continued on next page

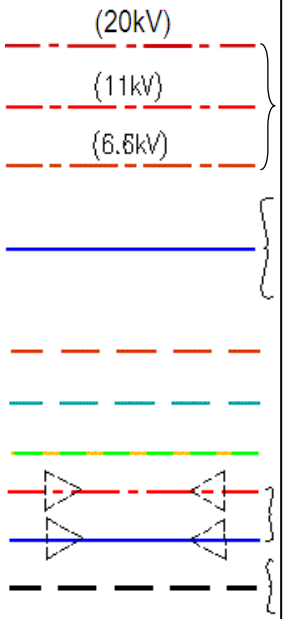
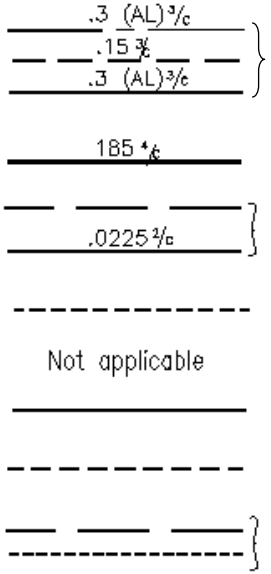
Scenery for UK Power Networks use only - boxed in red

NetMAP system	Scanned image	Description
	Not applicable	Nature - Local Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Area of Outstanding Natural Beauty (AONB) (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Park (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - very high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - medium sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - low sensitivity (only visible to UK Power Networks and their immediate contractors)

Primary distribution cables

NetMAP system	Scanned image	Description
		UK Power Networks route (11,000 , 22,000 to 132,000 volts) Oil/gas cable stop Part of UK Power Networks cable route where cover is less than normal

Secondary distribution cables

NetMAP system	Scanned image	Description
		HV cable (up to 20kV) 3 phase LV cable (230V or 400/230V) 1 or 2 phase LV cable (230V or 400/230V) Pilot or Telephone cable, often not shown in plan if running with other cables Fibre-optic cable Earth cable HV or LV cable in duct Duct route(s) not containing live cables

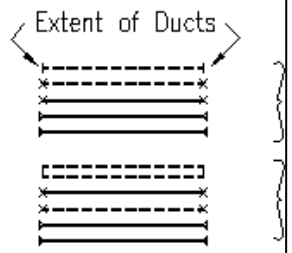
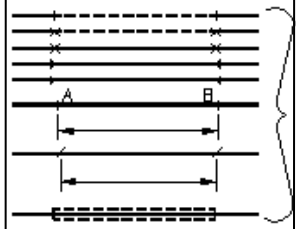
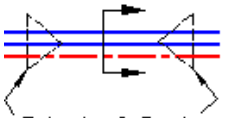
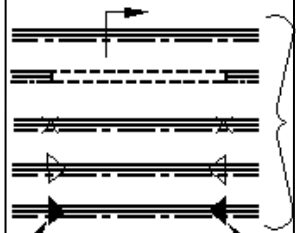
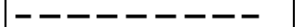
Cable terminology

NetMAP system	Scanned image	Description
PL	PL	Paper Lead
PLS	PLS	Paper Lead Served
PLST or PLSW	PLA	Paper Lead Armoured
PLSTS	PLTS	Paper Lead Steel Tape Served
PLSTS	PLDT	Paper Lead Double Tape
PLSWS	PLWS	Paper Lead Steel Wire Served
PLSW	PLBW	Paper Lead Bright Wire
PLS	LC & H	Lead Covered & Hessian
PLST or PLSW	LC & A	Lead Covered & Armoured
PLSW	LC & BA	Lead Covered & Bright Armoured
PLST	DSTA	Double steel tape armoured
PLST	STA	Steel Tape Armoured
PLSW	SWA	Steel Wire Armoured
Al	Al	Aluminium
Cu	Cu	Copper
WV	WV	Waveconal
CS	CS	Consac
PVC	PVC	Polyvinyl Chloride
EPR	EPR	Ethylene Propylene Rubber
XLPE	XLPE	Cross Linked Polyethylene
SOL	SOLIDAL	Solid Aluminium
ax	TRIPLEX	Triplex (aluminium)
cx	TRIPLEX	Triplex (copper)

Cable size abbreviations

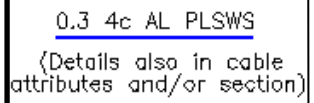
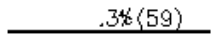
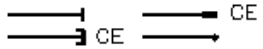
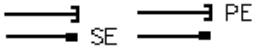
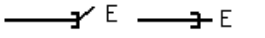
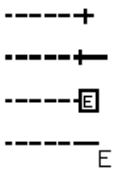
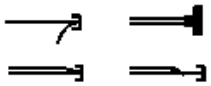
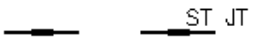
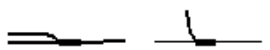
NetMAP system	Scanned image	Description
1c	1c	Single core.
c/c	c/c	Concentric cores
t/c	T/c or T/cc	Triple concentric cores
4c	4c	Four cores
3c CNE	3c (CN)	Three cores and concentric neutral – not of the Waveconal type
2c	2c (or Tw)	Two cores (or twin)
s/c	s/c	Split concentric cores
3c	3c	Three cores
DC	DC	Direct current
P	P	Pilot
Pr	Pr	Number of telephone pairs

Cable ducts

NetMAP system	Scanned image	Description
		Single empty ducts
		Cluster of empty ducts (two or more)
		Cable in single duct
		Group of cables shown in a cluster of ducts, plus one or more empty (shown in section)
		Ex-Western area 'ways' maps: This symbol indicates one or more ducts.

On City of London area maps "extent of ducts" symbols are not in general use as most duct runs are between pits or boxes

Other NetMAP symbols

NetMAP system	Scanned image	Description
		Cable size (and year laid)
		Cable capped end
		Cable pressure (or pot) end or signal end
		Pressure/pot end & earth cable/electrode
		Earth rod (vertical) Earth rod (horizontal) Earth plate Earth plate or end
		Bottle or trouser joint or combined crutch & pressure end – (CPE)
		Straight joints
		Tee joints
		Crutch (or spur) joints (CJ) straight & crutch joints combined (S&CJ)
		Double crutch (or spur) joint
		Sleeve

section continued on next page

Other NetMAP symbols

NetMAP system	Scanned image	Description
		Four way underground disconnecting boxes(DB)
		Link boxes(LB)
		Network boxes(NB) or (NWB)
		4 way 6 entry
		6 way box
		6 way 8 entry
		Split bus-bar
123456	LB123456	Link box with identification number
	or	3 way underground disconnecting boxes
	or	2 way underground disconnecting boxes
		1 way underground disconnecting boxes
123456 0.3 4c PLSWS TAILS DISTRIBUTION PILLAR		Feeder pillars
		Split bus-bar distribution pillar
		Double bus-bar distribution pillar
		Blind pit/pit
		Pit with access

section continued on next page

Other NetMAP symbols

NetMAP system	Scanned image	Description
	or or	Transformer chambers (T/C) & transformer compounds
		Underground transformer chamber
CAUTION Missing Information	Not applicable	Missing data in or near this location
U/G TANK		Underground tank
12 14 ROYAL MEWS	12 14 ROYAL MEWS	Indicates service between separate buildings is looped
Phasing details are in the joint 'world'	29 29	Jointing schedule numbers or phasing diagram
Contaminated Land refer to SHE 01 016	Not applicable	Contaminated land reference
(Cable size/type) ITC	(Cable size/type) Cable traced using CAT	Instrument traced cable or ITC - cable traced electronically using Cable Avoidance Tool (CAT) or similar

Services

NetMAP system	Scanned image	Description

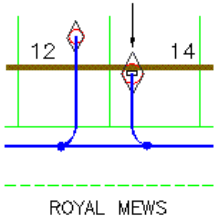
SRC = Service Record Card

Address point

Supply point

Also see SRC and joint/cable attributes

Service in external cabinet

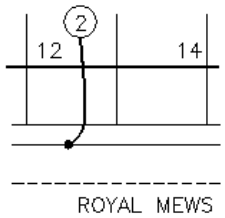


Also see SRC and joint/cable attributes

To a property/metered supply (also see SRC)

Also see SRC

W	Single phase service
1	Connected to 1 core & neutral
R	Connected to red core & neutral
	Three phase service
+	Connected to inner & outer cores of triple conc cable
−	Connected to middle & outer cores of triple conc cable
±	Connected to all three cores of triple conc cable



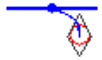
Existence of a service with its core connection shown in circle

section continued on next page

Services

NetMAP system	Scanned image	Description

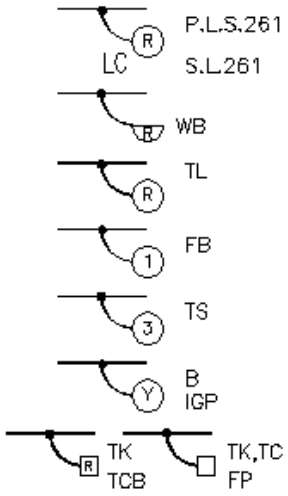
Please note that newly edited street furniture no longer has an address point or an SRC



(Street furniture general)

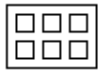
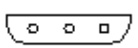
(Street furniture feeder pillar or cabinet)

To street furniture/un-metered supply (also see SRC)



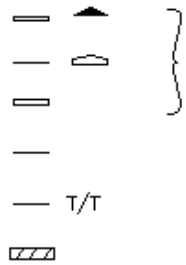
P.L.S.261 / LC / S.L.261	Public lighting / Street lighting
WB	Wall bracket
TL	Traffic light control
FB	Flashing beacon
TS	Traffic sign
B / IGP	Bollard/illuminated guard post
TK / TCB / TK,TC / FP	Telephone kiosk, traffic controller, feeder pillar

Symbols used in cross sections

NetMAP system	Scanned image	Description
		Cable laid direct
		Cable laid in duct
		Blocked duct (sometimes used for unidentified cables)
		Single earthenware duct
2½" S		Single steel pipe
		Square cable duct
		Group of circular ducts
		Group of circular ducts (Sykes)
		Group of square ducts (Doulton)
		Cable trough
		Bitumen casing (Crompton)
		Bitumen filled iron trough (Trunks)
		Bitumen casing (Tri-case)

section continued on next page

Symbols used in cross sections

NetMAP system	Scanned image	Description
Timber		Protective slab Tiles. Concrete slabs Steel plate Plastic tile tape Timber

Abbreviations used in cross sections

NetMAP system	Scanned image	Description
EW	E.W.D(s) or EW.	Earthenware ducts
F	F.P or F or F.D	Fibre duct
A	ASB or A	Asbestos
P	P	Plastic or pitch fibre
S	S.P or S	Steel
C	C.I or C or C.I.P	Cast iron
WI	W.I	Wrought iron pipe
F	F or F.D	Fibre duct
PRD	PRD	Plastic Rigiduct
Left blank – means NR	D.N.K or D:NR	Depth not known
	N.R or (N.R)	No record
E.V	E.V.P or E.V	Everite pipe
T/T	T/T	Tape Tile
N/A	3/62 or NOV 79	Date cable laid
N/A–destination now only shown in cable attribute	ABCD etc	HV cable destination (See section sheet HV ref)

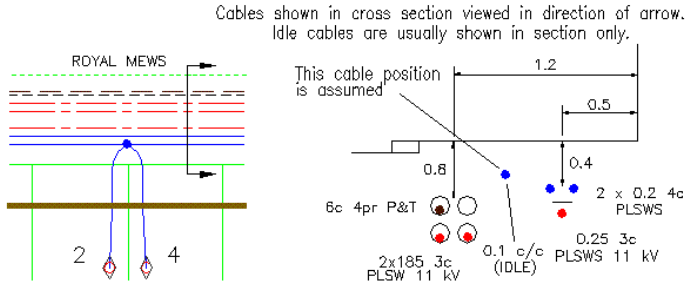
Please note:

Ducts are assumed to be 4"/100mm earthenware – unless otherwise stated

Typical plan and cross section representations

Multi-line composite NetMAP/vector representation

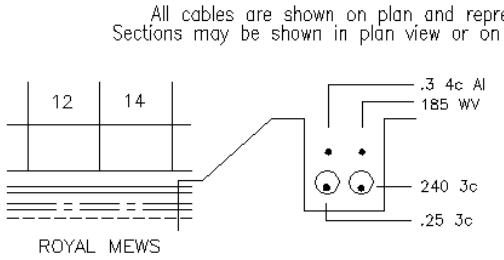
All areas – drawn/redrawn using NetMAP GIS



Applies to all composite vector records in both shaded and unshaded areas of the anomalies map.

Multi-line representation - general composite raster (style 1)

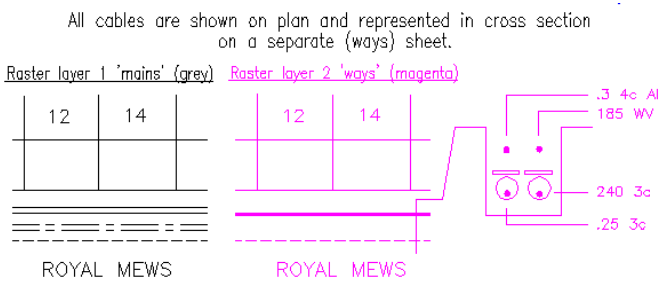
All areas



Applies to all composite raster records within the unshaded areas of the anomalies map.
Can also be found in some shaded areas – in particular the ex–North Eastern shaded areas 3 (b) and 3 (c)

Main and ways representation – dual layer raster

Ex Western area Holborn and parts of Ex-South Eastern Area only



Applies to area 1(a) of the anomalies map.

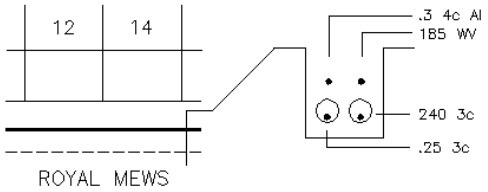
Applies to area 2(a) of the anomalies map.

Typical plan and cross section representations

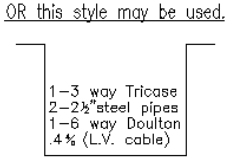
Single line representation - raster or vector data

The City of London only

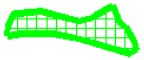
All cables are shown as a single line in plan.
Sections may be written and not drawn.



OR this style may be used.



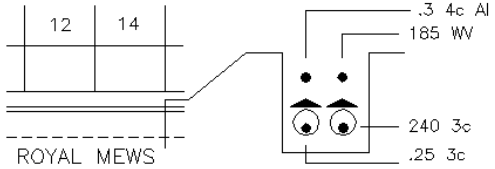
Applies to area 2(b) on the anomalies map.



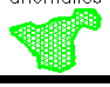
Multi-single line representation general (style 1)

Finsbury and Shoreditch only

Only the top cables in a vertical cable run are shown in the plan view. See the example below.
Note that the two lower cables that are in ducts (in this instance), are not shown in plan.
Therefore cross sections are particularly important, as each line represents one or more cables.



Applies to area 2 (c) of the anomalies map.

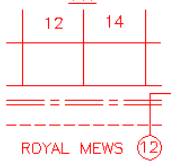


HV and LV map representation – dual layer raster

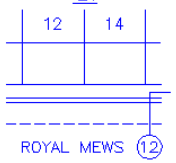
Ex-North Eastern area only

HV and LV cables are shown on separate raster layers. These layers MUST be read in conjunction with each other. Sections are shown on a combined supplementary section sheet in numerical sequence.

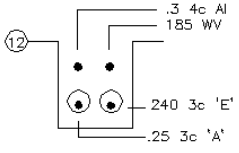
Raster layer 1 HV (red)



Raster layer 2 LV (blue)



Separate raster section sheet



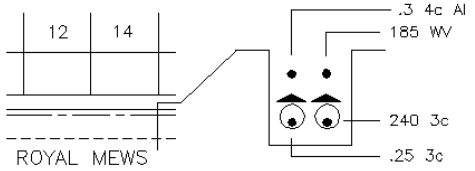
Applies to area 3(a) of the anomalies map.

Typical plan and cross section representations

Multi-single line representation general (style 2)

Ex-North Eastern area only

In this area each voltage (HV and LV) is represented as an individual line. For example, three HV cables and four LV cables in the same run will be indicated by a single HV line and a single LV line. Therefore cross sections are particularly important, as each line represents one or more cables of that voltage.

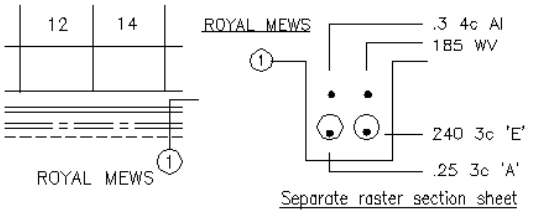


Applies to area 3 (b) of the anomalies map.

Multi-line representation - composite raster (style 2)

Ex North Eastern area only

All cables are individually shown in plan.
Sections are shown on a supplementary section sheet and recorded under the relevant road name.



Applies to area 3(c) of the anomalies map.

Important note regarding sections:

It does not follow that if the number of cables shown in the cross section have been located, that all live cables have been found. You may have found an unrecorded cable, or a cable belonging to another authority.

Regional NetMAP Anomalies - general overview:

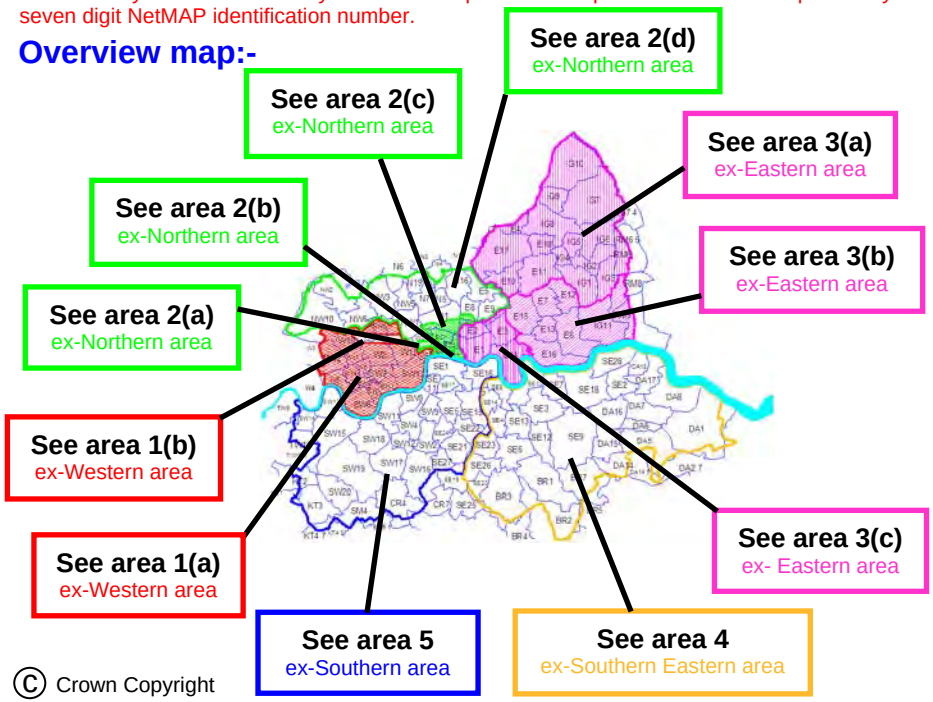
The following pages explain the various major map style anomalies found within the London area. These styles are a legacy from the five individual London Electricity areas which were again formed from seventeen separately organised LEB districts. Areas with significant anomalies are shown in the following pages as cross-hatched areas. Areas with standard composite vector and raster layer information are shown as un-hatched areas.

Cautionary note: - any region or sub-region, either shaded or un-shaded, may contain some local anomalies not mentioned in the following pages – if in doubt, please contact the UK Power Networks Plan Provision team on telephone number 08701 963797.

All regions (1-5) will contain recently created composite vector (NetMAP/AutoCAD) data.

Recent work created using the NetMAP system and previously created using the AutoCAD system (as opposed to raster/scanned data) are recorded in the composite vector style shown on the UK Power Networks London area symbol sheet - see the first example on page 18 of this document. Recent data will be indicated by the existence of multi-coloured cables on the NetMAP system, but this may not be reflected on printed matter produced with a black and white printer. AutoCAD data looks similar to the coloured NetMAP data, but does not hold any cable 'attributes' when selected using the NetMAP system. These cables will be represented individually (multi-line representation). New NetMAP cross sections may be accessed electronically on the NetMAP system and are presented in printed format accompanied by a seven digit NetMAP identification number.

Overview map:-



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See following pages for further details.

Region 1 ex-Western area

This region includes Westminster, Kensington, Chelsea, Hammersmith and Fulham. The region is covered by two map layer systems – **region 1(a)** mains and ways dual layer raster, and **region 1(b)** composite raster. The following explains this in greater detail.

Region 1(a) (hatched)

Mains and ways representation:

This system consists of two maps layers for the same area.

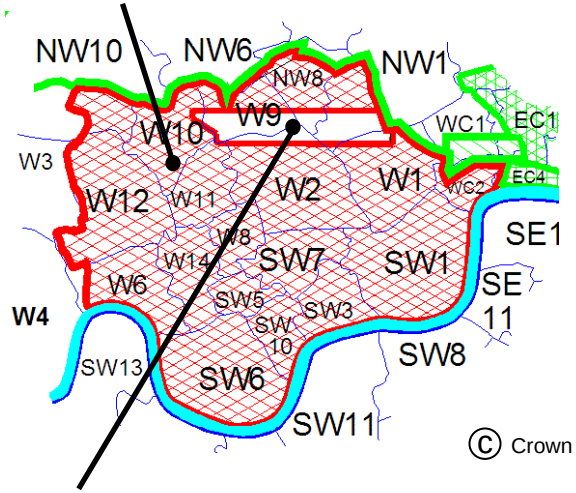
i) The mains map shows all cable routes.

ii) The ways map shows pipe and duct routes with cross sections.

There are some enlargement sheets, cross sections and jointing details. EHV routes are shown on either the mains or the ways map.

It is important that all these maps are read in conjunction with each other.

Caution: - It is also important to note that the kerb line detail on these maps is a dash/dot line, which on the majority of UK Power Networks Central (London) records would refer to an HV cable route. HV cables are shown as a solid line when laid direct and a dashed line when in a duct.



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Region 1(b) (un-hatched)

Composite single layer (style 1) maps:

Whenever possible, all the information is on one map layer. There are some enlargement sheets in the Aberdeen Place area. Please note that the kerb line is shown as a dotted line and HV cables are shown as dash/dot lines.

Region 2 ex-Northern area

This region includes Islington, Hackney, the City of London and parts of Brent, Camden and Ealing. The region is covered by four map layer systems - **Region 2(a) -** mains and ways dual layer raster (Holborn area), **Region 2(b)** - single line representation (City of London), **Region 2(c) -** multi-single line representation (Finsbury and Shoreditch) and **Region 2(d)** - composite multi-line maps (all other areas). This following explains this in greater detail.

Region 2(a) (hatched)

Covers part of WC1 and WC2 (Holborn).

Mains and ways representation:

This system consists of two maps layers for the same area.

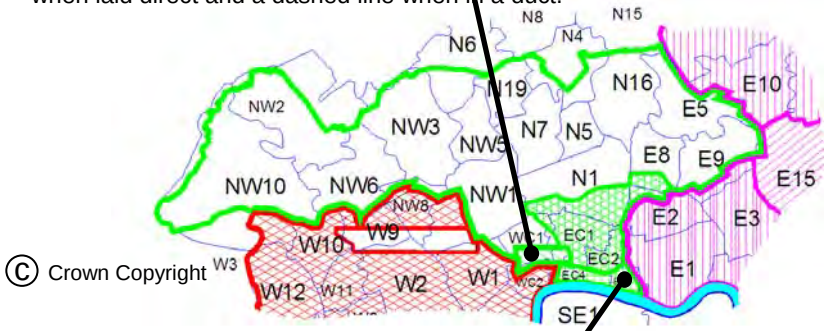
i) The mains map shows all cable routes.

ii) The ways map shows pipe and duct routes with cross sections.

Where needed, extra sheets have been added for enlargements, cross sections and jointing details. EHV routes are shown on the mains map layer.

It is important that all these maps are read in conjunction with each other.

Caution: - It is also important to note that the kerb line detail on these maps is a dash/dot line, which on the majority of UK Power Networks Central (London) records would refer to an HV cable route. HV cables are shown as a solid line when laid direct and a dashed line when in a duct.



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Region 2(b) (hatched)

Covers parts of postal areas EC1, EC2 and all of postal areas EC3 and EC4.

Single line representation maps:

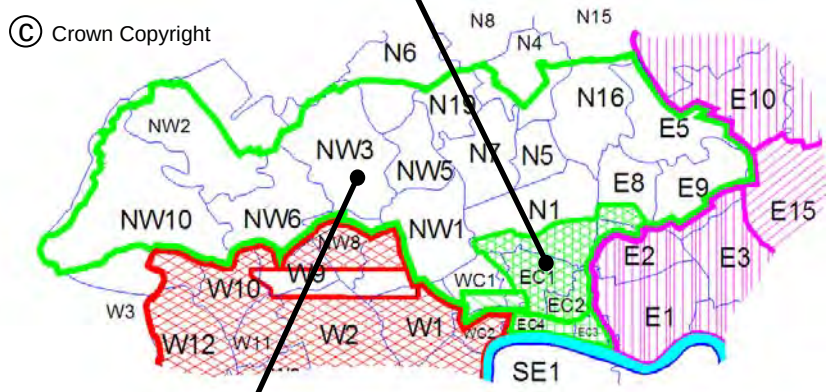
Whenever possible, all the information is on one map layer .One line can represent any number of cables or ducts. It is therefore very important to use cross sections. In some cross sections details may be written and not drawn. In complex and redrawn areas, some detail may be drawn using multi-line representation. There are some enlargement sheets.

Region 2(c) (hatched)

Covers parts of postal areas EC1, EC2, N1, E1, E2 and E8.

Multi-single line representation (style 1) maps:

Whenever possible, all the information is on one map layer. When cables lay immediately above/below each other, it is shown as a single line. For example if six cables lay three on three, only three lines would indicate the six cables. If the cables were laid flat, six separate lines would be shown. It is therefore important not to assume that the lines drawn indicate the number of cables, at any point. **Cross sections must be used.**



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Region 2(d) (un-hatched)

Covers all other postal areas in this region

Composite single layer (style 1) maps:

Whenever possible, all the information is on one map layer. There are some enlargement sheets.

Region 3 ex-North Eastern area

This region includes Tower Hamlets, Newham, Redbridge, Waltham Forest, Loughton (Epping) and Barking and Dagenham. This region is covered by three mapping systems.

Region 3(a) (hatched)

Separate HV and LV representation maps:

This system consists of two maps layers for the same area.

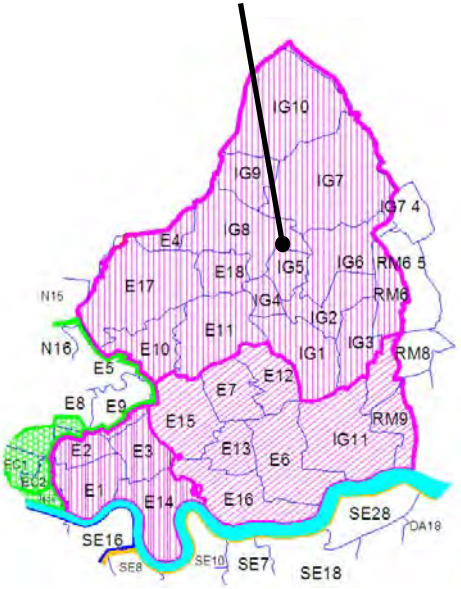
i) The HV map layer showing HV cables and duct routes.

ii) The LV map layer showing LV cables and duct routes.

Cross sections for both HV and LV cable routes are shown on a separate sheet.

EHV cable routes are shown on the HV map layer.

It is important that all these maps are read in conjunction with each other.



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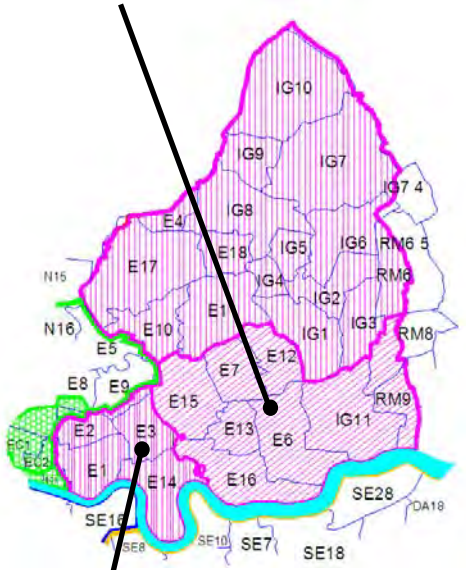
Region 3(b) (hatched)

A combination of composite single layer (style 1) and multi-single line (style 2):

Whenever possible, all the information is on one map layer. There are some enlargement sheets. There is a combination of map styles used in this area. Some areas may be conventional multi-line line representation with many areas of multi-single line representation. In the multi-line areas each (live) cable is shown individually in plan. In the multi-single line map areas, there is a single line for each voltage type, with a single HV line and a single LV line representing more than one cable run of each voltage (when applicable). Therefore a cable run containing three HV cable and four LV cables will be represented by one HV line and one LV line.



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Region 3(c) (hatched)

A combination of composite single layer (style 2) and multi-single line (style 2):

Whenever possible, all the information is on one map layer. There are some enlargement sheets. In this area (postal code areas E1, E2, E3, E14 and part of E9), the cross sections are listed under each road name. It is therefore extremely important that you have the correct cross sections for the road you are working in.

There is a combination of map styles used in this area. Most areas are composite single layer (style 2) with some areas of multi-single line representation, as described in region 3(b).

Region 4 ex-South Eastern area

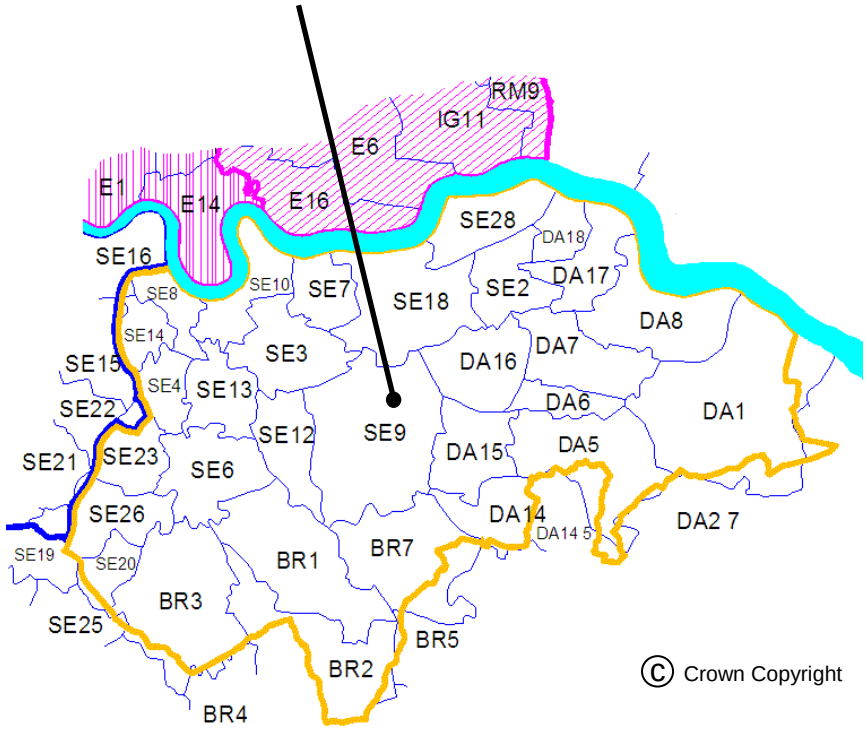
This region includes Lewisham, Greenwich, Bromley, Bexley and Dartford.

Nearly all maps are drawn in one style – single layer composite raster/vector.

Region 4 (un-hatched)

Composite single layer (style 1) with a small number of mains and ways representation maps :

Mainly composite maps - whenever possible, all the information is on one map layer. There are some enlargement and cross section sheets. Some maps do not show single phase services unless they are long and deviating. There are however some maps drawn using the mains and ways style. These are rare, but please be aware that they exist.



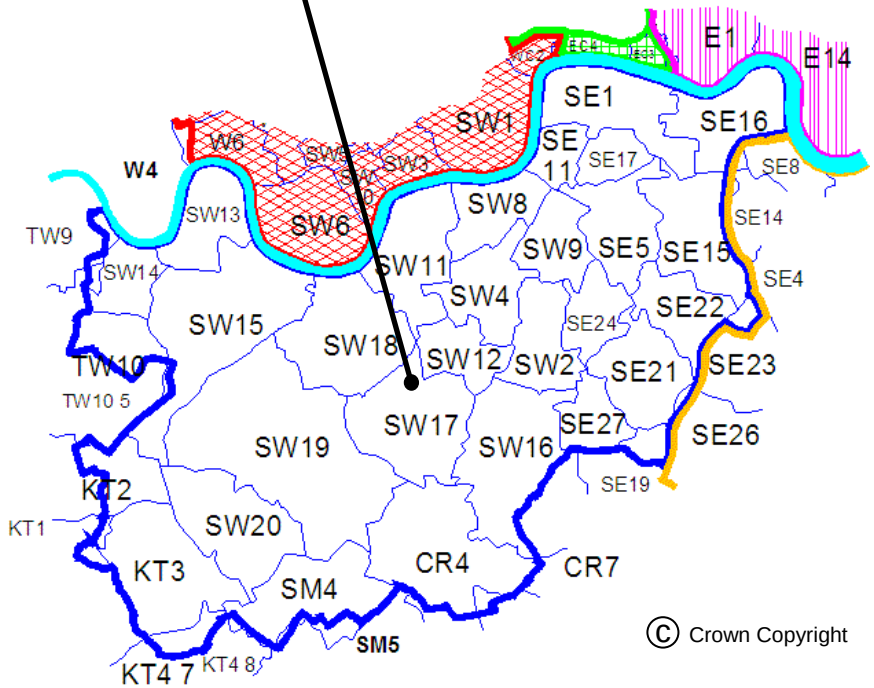
Region 5 ex-Southern area

This region includes Southwark, Lambeth, Wandsworth, Merton, Kingston upon Thames and Richmond upon Thames. All maps are drawn to one style - single layer composite raster/vector.

Region 5 (un-hatched)

Composite single layer (style 1) maps:

Composite maps - whenever possible, all the information is on one map layer. There are some enlargement and cross section sheets. A small number of maps may not show services.



UK Power Networks
Delivering your electricity

ukpowernetworks.co.uk

Your life can be lost within seconds if you come into contact with electricity.

Every year, people are killed or seriously injured when they come into contact with high voltage electricity.

This can have a far-reaching and devastating effect on family, friends and colleagues.

Distractions, working long hours, rushing to get the job done, can all impact on how we work and our safety.

Taking time to plan, being prepared and focusing on the way we work can help keep us safe.

WOODEN POLES CAN CARRY TELEPHONE AND ELECTRICITY WIRES. **NEVER ASSUME** THE WIRE IS A TELEPHONE WIRE

LINES CAN BE **RE-ENERGISED** AT ANY TIME

400,000 VOLTS

ELECTRICITY SYSTEMS CARRY VOLTAGE UP TO 400,000 VOLTS. **EVEN 230 VOLTS (DOMESTIC VOLTAGE) CAN BE LETHAL**

Be Bright Stay Safe

UK Power Networks
Delivering your electricity

RUBBER BOOTS
WILL NOT PROTECT YOU!

OUR NETWORK DISTRIBUTES ELECTRICITY THROUGH UNDERGROUND CABLES, PYLONS, OVERHEAD POWER LINES, SUBSTATIONS AND OTHER EQUIPMENT

National power cut helpline

POWER CUT? CALL 105

OR CALL US 24 HOURS A DAY ON
0800 31 63 105

TAKE NOTICE

OF ANY YELLOW '**DANGER OF DEATH**' WARNING SIGNS. AND STAY WELL AWAY!

REMEMBER ELECTRICITY **CAN JUMP GAPS**

OVERHEAD POWER LINES ARE OFTEN UNINSULATED (BARE)

CABLES ARE OUT OF SIGHT ALWAYS REQUEST CABLE PLANS BEFORE STARTING WORK

CARRY OBJECTS AND EQUIPMENT **HORIZONTALLY AND AT LOW LEVEL TO THE GROUND**

TOUCHING ANYTHING IN CONTACT WITH ELECTRICAL EQUIPMENT, EVEN THE LOWEST OF VOLTAGES, CAN BE FATAL

The electricity network is designed to keep you safe. But how safe are you when you are working?

UK Power Networks is the country's biggest electricity distributor, making sure the lights stay on for more than eight million homes and businesses across London, the South East and the East of England.

The safety of our customers and staff is our top priority.

Underground cables carry a powerful electrical charge which can be conducted through machinery and equipment with fatal consequences. Anyone working close to live underground cables should take the time to read this simple leaflet and identify the precautions they should be taking.

Keep well away - Electricity can kill

Remember:

- The depth and location of cables and services shown on the plans may have changed because of subsequent site alterations
- Be aware that not all cables and services may be shown on the plans
- Cables do not run in straight lines. Underground cables may be deflected around underground obstacles and can change depth
- Wear Personal Protective Equipment to minimise the harm of electric shock and burns

If you are building a permanent or temporary structure within close proximity of power lines it's a legal requirement* you notify us in advance to ensure your building is kept at a safe distance from power lines, and to avoid the need to relocate our equipment in the future. This can be done by completing a simple form here www.ukpowernetworks.co.uk/notifyus

*Regulation 18(3) of the Electricity, Quality & Continuity Regulations 2002 (ESQCR)

How can we help?

If you work or live in the UK Power Networks area contact us or look on our website. We provide free information and advice about the precautions and safe working practices to be followed when working close to electrical equipment.

Further advice and guidance is available from the Health and Safety Executive (HSE):
HSG85 - Electricity at Work – Safe Working Practices
GS6 - Avoiding Danger from Overhead Power Lines
HSG47 - Avoiding Danger from Underground Services

What to do in an emergency

If a mains electricity cable is damaged:

- **STOP WORK IMMEDIATELY**
- Notify UK Power Networks: Dial 105
- If you damage a cable, stay calm, keep clear, and call for help
- Call the emergency services if anyone is injured or there is a fire. Anyone who has received an electric shock should go to hospital as damage may have occurred to the heart
- Always treat the cable(s) as live even if they are not sparking
- Never remove anything that is stuck or in contact with the cable
- Stay clear - keep everyone away until assistance arrives

To request your FREE vehicle cab stickers visit the safety pages at **www.ukpowernetworks.co.uk**

If you are unsure who your network operator is then please visit **www.energynetworks.org**

Be Bright Stay Safe

You could be in danger when carrying out your everyday trades activities such as digging, construction and demolition.

- **Contact UK Power Networks or Line Search Before U Dig (LSBUD) in advance of the works to obtain relevant cable plans or to request disconnections. The cable plans will only show the indicative route and not the route into the property**
- **Ensure the cable plans are shown to and understood by those on site BEFORE starting work**
- **Confirm the cable location by using a Cable Avoidance Tool (CAT) before digging commences. Once found, mark cable positions with spray paint or similar**

For cable plans visit www.lsbud.co.uk or www.ukpowernetworks.co.uk

- **Complete a risk assessment and ensure it covers electrical hazards**
- **Use spades and shovels with insulated handles in preference to forks and picks**
- **Look around for anything in the vicinity that would have an electricity service such as street lights, CCTV cameras, or meter boxes and identify where the cables are**
- **Look for electrical wires, cables and equipment near to where you are going to work and check for warning signs and any other hazards**
- **Contact UK Power Networks to agree a safe method of work if there is a cable encased in concrete, DO NOT BREAK OPEN**
- **Make sure everyone on site is aware of the presence and location of electrical cables**
- **Before demolishing a building make sure supplies are disconnected, preferably well clear of the work area. For guidance on how to arrange a disconnection visit www.ukpowernetworks.co.uk**

NATIONAL POWER CUT HELPLINE

POWER CUT? CALL 105

ADD THIS NUMBER TO YOUR TELEPHONE CONTACTS LIST

Be Bright Stay Safe

Stop! Think before you dig!

#bebrightstaysafe

@UKPowerNetworks /ukpowernetworks

National power cut helpline

POWER CUT? CALL 105

Or call us
24 hours a day on
0800 31 63 105

what3words

To report broken or damaged electrical equipment or in an emergency call 0800 31 63 105 or 105 and use what3words to help us locate you faster.

Linesearch before dig

For safety advice about overhead power lines, disconnections and general enquiries, go to:
www.ukpowernetworks.co.uk

To request your **FREE** vehicle cab stickers visit the safety pages at **www.ukpowernetworks.co.uk**

If you are unsure who your network operator is then please visit
www.energynetworks.org

UK Power Networks
Delivering your electricity

National Grid House
Warwick Technology Park
Gallows Hill, Warwick
CV34 6DA

Electricity Emergency Number:
0800 40 40 90*
*Available 24 hours, 7 days/week.
Calls may be recorded and monitored.
www.nationalgrid.com

Asset Protection
Gas Transmission
National Grid
Warwick
Email: assetprotection@nationalgrid.com

Our Ref: 36622156 79 Drakefell Road

Thursday, 13 March 2025

Lauren Hartley
80 Sandy Lane Lowton

CHS
WA3 1BG

National Grid Electricity – High Risk Response Letter

Dear Sir/ Madam,

An assessment has been carried out with respect to National Grid Electricity Transmission plc's apparatus and the proposed work location. Based on the location entered into the system for assessment the area has been found to be within the High Risk zone from National Grid Electricity Transmission plc's apparatus and **Must Not Proceed** without further assessment by Asset Protection.

You must send through a works description (including how deep you are excavating) and any plans including any commencement dates to the following email address assetprotection@nationalgrid.com including the LSBUD enquiry reference number.

Failure to provide this information will result in a delay to your works being assessed.

Once you have contacted the above email address to provide the additional information requested, please do not commence with any works until you have been contacted by NGET.

All attachments on this email MUST be forwarded to and reviewed all parties that are associated with the proposed works and any excavations to be carried out.

Your works may require access to National Grid Non-Operational Land, you must contact BNP PRE at operationalsupport.nationalgrid@realestate.bnpparibas to confirm and agree land access requirements. BNP PRE hold site specific information that you will be required to review and include within your risk assessments and method statements where access to Non-Operational land is required to undertake the works. This information is mandatory to operate safely and receive authorisation to commence works.

Please note this response and any attached map(s) are valid for 28 days from date of this letter. A new enquiry will need to be submitted into LSBUD if the requested information above is not supplied within 28 days.

Yours sincerely,

Asset Protection

National Grid is a trading name for:
National Grid Electricity Transmission plc
Registered Office: 1-3 Strand, London WC2N 5EH
Registered in England and Wales, No 2366977

Your Responsibilities and Obligations

The "Assessment" Section below outlines the detailed requirements that must be followed when planning or undertaking you 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 Electricity Transmission plc's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

This assessment solely relates to National Grid Electricity Transmission plc (NGET)

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 Asset Protection.
- Recently installed apparatus
- National Grid Gas plc.
- Apparatus owned by other organisations, e.g. Cadent, 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.

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

National Grid Electricity Transmission plc 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 Asset Protection team via e-mail (assetprotection@nationalgrid.com) or via the contact details at the top of this response.

Assessment

Affected Apparatus

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

- Electricity Transmission Underground Cables and associated apparatus.

Requirements

Over Head Lines

BEFORE carrying out any work you must:
(N.B. Works only to be undertaken when contact has been made and response received from Asset Protection)
- Carefully read these requirements including the attached guidance documents and maps showing the location of apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe National Grid Electricity Transmission plc'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 Electricity Transmission plc'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 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.

DURING any work you must:
- Comply with all guidance for working within the vicinity of overhead lines as detailed within the guidance documents listed below.
- Comply with all guidance relating to general activities and any specific guidance for each asset type as specified in the Guidance Section below.
- Ensure that access to National Grid Electricity Transmission plc's apparatus is maintained at all times.
- Prevent the placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over National Grid Electricity Transmission plc's apparatus unless specifically agreed with National Grid Electricity Transmission plc's apparatus in advance.
- Exercise extreme caution if slab (mass) concrete is encountered during excavation works as this maybe protecting or supporting National Grid Electricity Transmission plc's apparatus.

Underground Cables

BEFORE carrying out any work you must:
(N.B. Works only to be undertaken when contact has been made and response received from Asset Protection)
- Refer to the attached cable profile drawings which provide details about the location of National Grid’s high voltage underground cables.
- Carefully read these requirements including the attached guidance documents and maps showing the location of apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe infringe National Grid Electricity Transmission plc'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 infringe National Grid Electricity Transmission plc's follow the requirements of the HSE Guidance Notes HS(G)47 “Avoiding Danger From Underground Services”. This guidance can be downloaded free of charge at 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.

DURING any work you must:
- Comply with all guidance for working within the vicinity of Electricity Underground Cables as detailed within the guidance documents listed below.
- Comply with all guidance relating to general activities and any specific guidance for each asset type as specified in the Guidance Section below.
- Ensure that access to National Grid Electricity Transmission plc's apparatus is maintained at all times.
- Prevent the placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over National Grid Electricity Transmission plc's apparatus unless specifically agreed with National Grid Electricity Transmission plc's in advance.
- Exercise extreme caution if slab (mass) concrete is encountered during excavation works as this maybe protecting or supporting National Grid Electricity Transmission plc's apparatus.

GUIDANCE

National Grid Electricity Transmission Network data

- The Network map for National Grid Electricity Transmission assets can be downloaded at the following link in GIS format.

https://www.nationalgrid.com/uk/electricity-transmission/network-and-infrastructure/network-route-maps

Buried Cables

- National Grid's underground cables are protected by a Deed of grant; Easement; Wayleave Agreement or the provisions of the New Roads and Street Works Act. Which provide full right of access to retain, maintain, repair and inspect our asset. Hence we require that no permanent structures are to be built over our cables or within the easement strip.

- Ground levels above our cables must not be altered in any way. Any alterations to the depth of our cables will subsequently alter the rating of the circuit and can compromise the reliability, efficiency and safety of our electricity network.

- The supplied detailed route records should not be taken as positive indication of the cable location. This can only be determined by digging trial holes. Where trial holes are dug the concrete and / or polymeric cable protection tiles must not be disturbed.

- The normal recommendation is to keep 2 metres clear either side of the 1 metre wide trench containing the AC cable.

- National Grid should be made aware of the works starting and may put in place a representative to monitor the works. The works should be carried out in accordance with the recommendations in document HS (G) 47 available from the HSE web site.

- The relocation of existing underground cables is not normally feasible on grounds of cost, operation and maintenance and environmental impact and we believe that successful development can take place in their vicinity.

- The information supplied is given in good faith and only as a guide to the location of our underground cables. The accuracy of this information cannot be guaranteed. The physical presence of such cables may also be evident from physical protection measures such as ducts or concrete protection tiles. The person(s) responsible for planning, supervising and carrying out work in proximity to our cable(s) shall be liable to us, as cable(s) owner, as well as to any third party who may be affected in any way by any loss or damage resulting from their failure to locate and avoid any damage to such a cable(s).

- The relevant guidance in relation to working safely near to existing underground cables is contained within the Health and Safety Executive's (www.hse.gov.uk) Guidance HS(G)47 "Avoiding Danger From Underground Services" and all relevant site staff should make sure that they are both aware of and understand this guidance.

- Our cables are normally buried to a depth of 0.9 metres to the protective covers but this depth can vary depending on location (bridges may have cables 100mm below surface level)..The specific cable route record drawings show further details along the route of the particular cable. The cable route drawings are attached to this letter for your information.

- Cables installed in cable tunnels, whilst less likely to be affected by surface or shallow works may be affected by activities such as piling.

- National Grid assets can be adversely affected by vibration and can provide guidance on the acceptable levels of vibration due to piling and other construction related operations in the vicinity of national grid assets

- Ground cover above our cables should not be reduced or increased without consultation with National Grid.

- If a landscaping scheme is proposed as part of the works, we request that no trees and shrubs are planted either directly above or within 3 metres of the existing underground cable, as ultimately the roots may grow to cause damage to the cable.

Cables Tunnels

- National Grid's underground cable tunnels are protected by the provisions of a Wayleave/Easement or the New Roads and Street Works Act. This provides full right of access to retain, maintain, repair and inspect our asset.

- Further information and guidance regarding National Grid Cable Tunnels is available on our website at https://www.nationalgrid.com/uk/electricity-transmission/document/121061/download

- National Grid requires that the clearances indicated in the guidance document linked above are maintained at all times. Should it be necessary to enter the exclusion zone discussion/ agreement with National Grid is required to ensure the integrity of their tunnel asset and the high voltage cables is not compromised.

- Ground levels above our cable tunnels must not be altered in any way without prior agreement with National Grid; any alterations to the depth of our tunnels can compromise its integrity which could have an adverse impact on the reliability, efficiency and safety of our electricity network.

- Any works which would create high levels of vibration such as piling would need to be assessed by National Grid to ensure it has limited impact on our cable tunnels. National Grid can advise on acceptable vibration limits.

Overhead Lines

- National Grid's Overhead Line/s is protected by a Deed of Easement/Wayleave Agreement which provides full right of access to retain, maintain, repair and inspect our asset.

- The submitted proposed design does not change after the date of this letter. Any design change that moves the proposal closer to National Grid Overhead Line Assets shall be submitted for assessment.

- Statutory electrical safety clearances shall be maintained at all times. National Grid recommends that no permanent structures are built directly beneath our overhead lines. These distances are set out in EN 43 – 8 Technical Specification for "Overhead Line Clearances Issue 5 (2019). To purchase & download EN 43 – 8 Technical Specification for "Overhead Line Clearances Issue 5 (2019) go to https://www.ena-eng.org/ENA-Docs/

- Any changes in ground levels which are proposed either beneath or in close proximity to our existing overhead lines would serve to reduce safety clearances. Safety clearances to existing overhead lines must be maintained in all circumstances.

- To view the Development Near Overhead Lines Document. https://www.nationalgridet.com/document/130626/download

- To view the National Grid Third Party Guidance for working near National Grid Electricity Transmission equipment. https://www.nationalgridet.com/sites/et/files/documents/Working%20near%20electricity%20equipment.pdf

- The relevant guidance in relation to working safely near to existing overhead lines is contained within the Health and Safety Executive's (www.hse.gov.uk) Guidance Note GS 6 "Avoidance of Danger from Overhead Electric Lines."

- If a landscaping scheme is proposed as part of the proposal, only slow and low growing species of trees and shrubs shall be planted beneath and adjacent to the existing overhead line to reduce the risk of growth to a height which compromises statutory safety clearances.

- Drilling or excavation works shall not be undertaken if they have the potential to disturb or adversely affect the foundations or "pillars of support" of our towers. These foundations extend beyond the base of the tower. Pillar of Support drawings shall be obtained using the contact details above.

- Due to the scale, bulk and cost of the transmission equipment required to operate at 275kV or 400kV we only support proposals for the relocation of existing high voltage overhead lines where such proposals directly facilitate a major development or infrastructure project of national importance which has been identified as such by government.

- To promote the successful development of sites crossed by existing overhead lines, and the creation of well-designed places, National Grid has produced 'Design guidelines for development near pylons and high voltage overhead power lines', which look at how to create high quality development near overhead lines and offer practical solutions which can assist in avoiding the unnecessary sterilisation of land in the vicinity of high voltage overhead lines.

- Further information regarding our undergrounding policy and development near transmission overhead lines is available on our website at: https://www.nationalgridet.com/network-and-assets/planning-and-development

National Grid is a trading name for:
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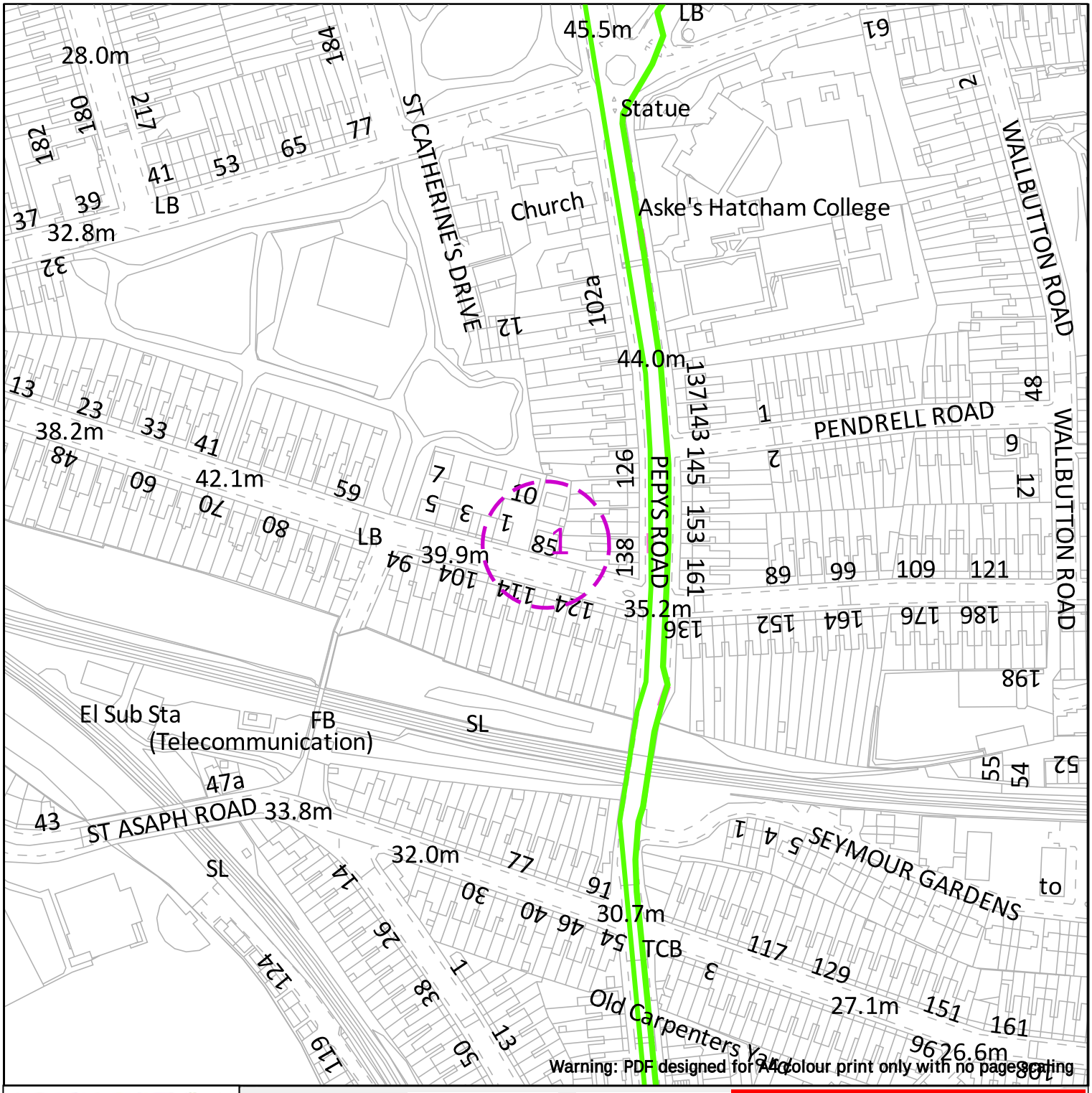
Registered Office: 1-3 Strand, London WC2N 5EH
Registered in England and Wales, No 2366977



nationalgrid

0 200

EXTREME CAUTION - HIGH VOLTAGE
RISK OF DEATH OR SERIOUS INJURY

Dig Sites Area: Line:

Underground Cables

Overhead Lines

Fibre Cables

NationalGrid House
Warwick Technology Park
Gallows Hill
Warwick
CV34 6DA

AssetProtection@NationalGrid.com

Date Requested: 13/03/2025
Job Reference: 36622156
Site Location: 535932 175957
Requested by: Miss Lauren Hartley

Your Scheme/Reference: 79 Drakefell Road

Scale: 1:2500 (When plotted at A4)

IMPORTANT NOTICES

This plan shows those pipes 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 regards 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.

National Grid Electricity Emergency Number: 0800 40 40 90
Available 24 hours, 7 days/week. Calls may be recorded and monitored

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ENQUIRY SUMMARY

Received Date
13/03/2025 15:23

Work Start Date
14/03/2025

Your Reference
79 Drakefell Road

Location
Centre Point: 535932 175957
X Extent:
Y Extent:
Postcode: SE145SQ

Map Options
Paper Size: A4
Orientation: PORTRAIT
Scale: 1:2500
Real World Extents: 58m x 58m

Enquirer Details
Organisation Name: IPlant Contracting
Contact Name: Lauren Hartley
Email Address: lauren@iplantcontracting.com
Telephone: 07923448158
Address: 80 Sandy Lane Lowton, , CHS, WA3 1BG

Enquiry Type
Initial Enquiry

Activity Type
Development Projects

Work Types
Commercial/industrial

Notes/Works Description (if supplied)

Site Contact Name (if supplied)

Site Contact Number (if supplied)

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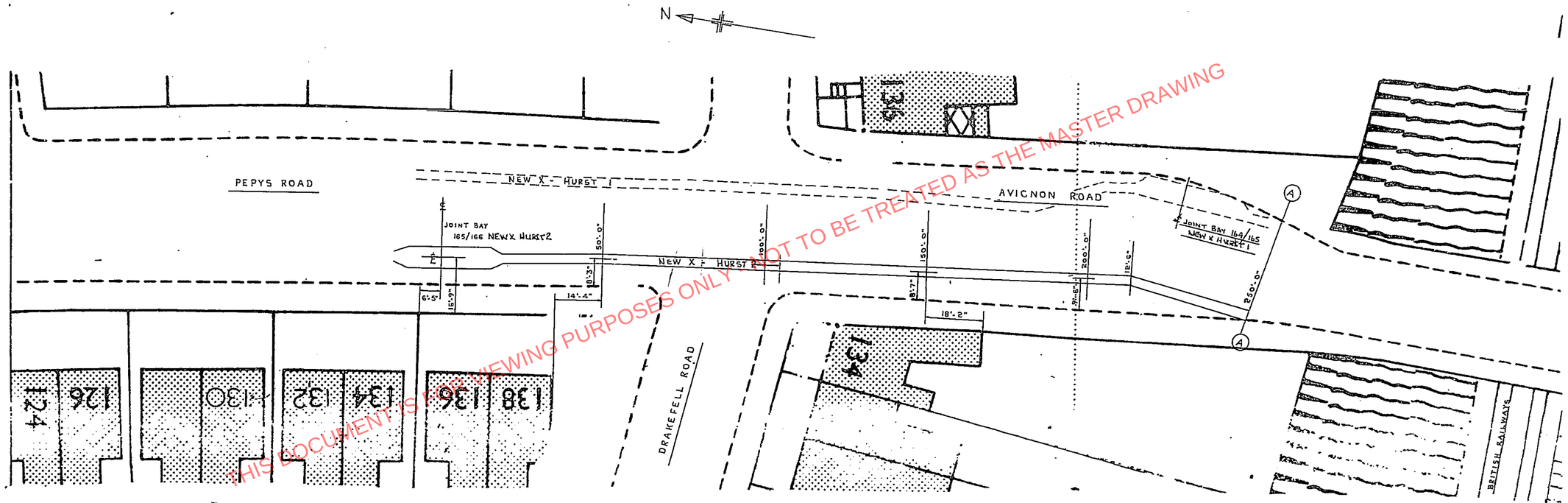
DRAWN BY: K.W.N.	TRACED BY:	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	TO HURST →	SECTION No 165	NEW CROSS - HURST 2	SCALE : 1" : 24'-0"	PAGE 113



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70/5690 SHT215

CONTINUED ON PAGE 114

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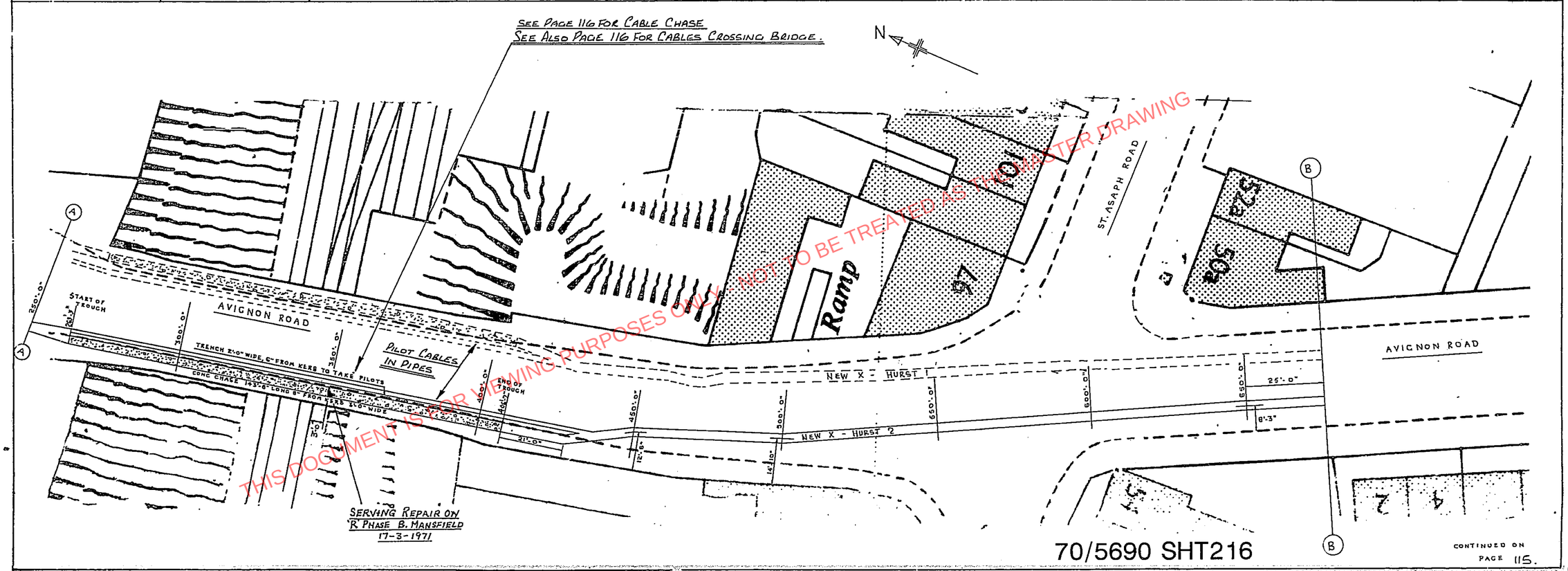

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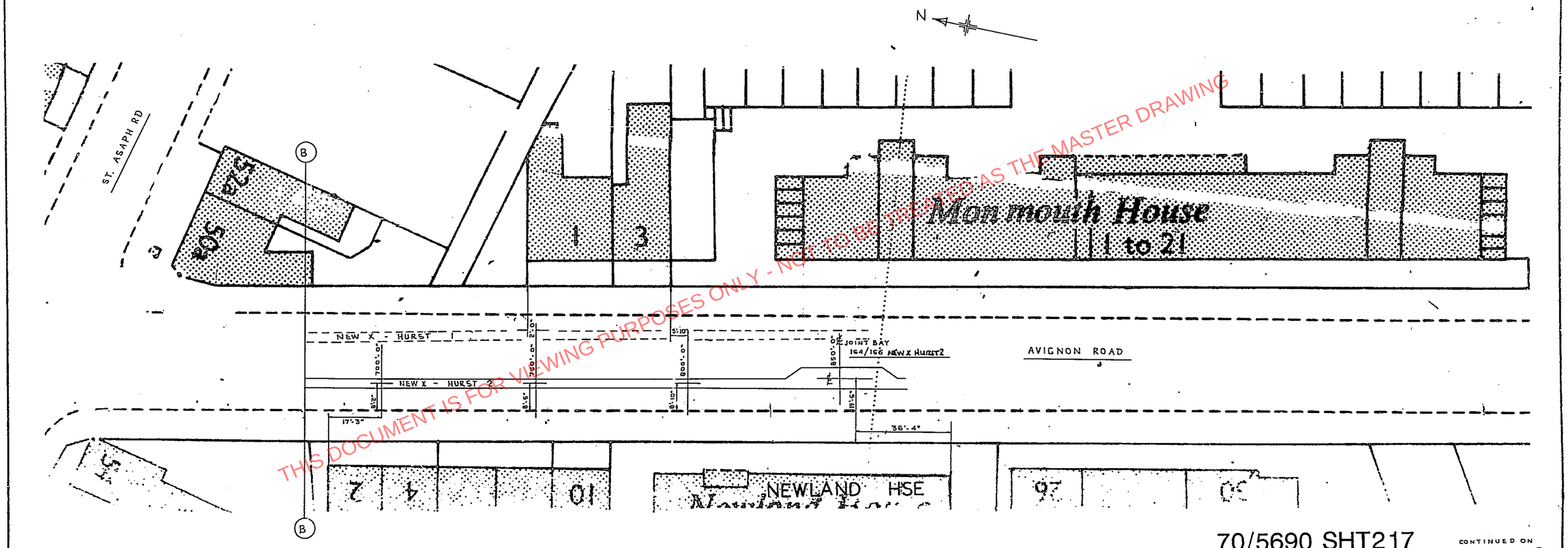

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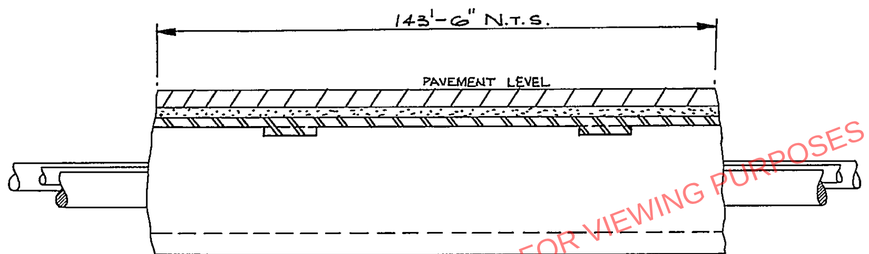
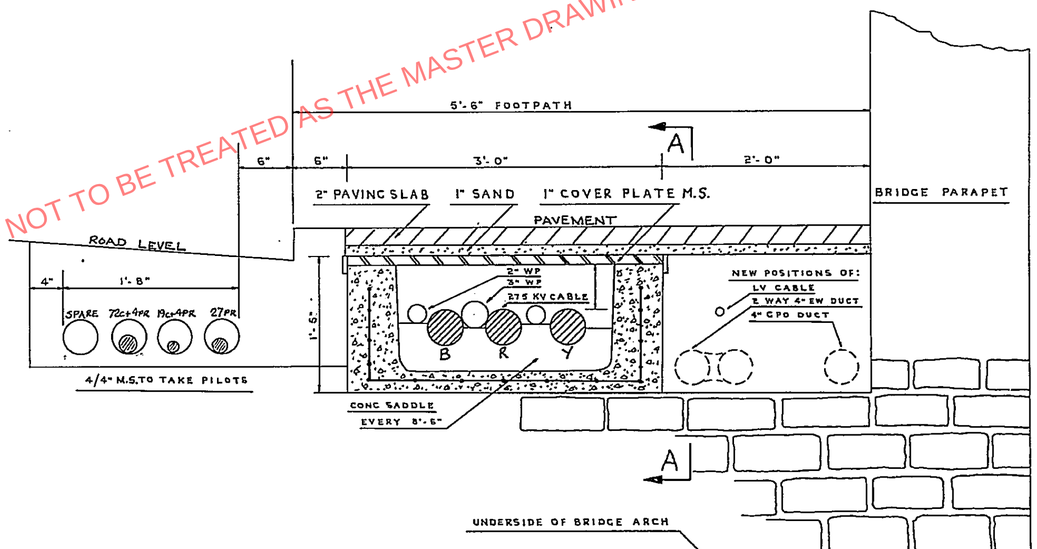
DRAWN BY: K.W.N.	TRACED BY:	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	SECTION No 165	NEW CROSS — HURST 2	SCALE : 1" = 1'-0"	PAGE 116



SIDE ELEVATION

PART VIEW ON A-A

TYPICAL SECTION OF CHASE AT AVIGNON BRIDGE



FACING HURST ON ℄ OF BRIDGE (SHALLOWEST POINT) NOTE: WHERE DEPTH PERMITS CABLE SLABS LAID OVER TROUGH STEEL COVER.

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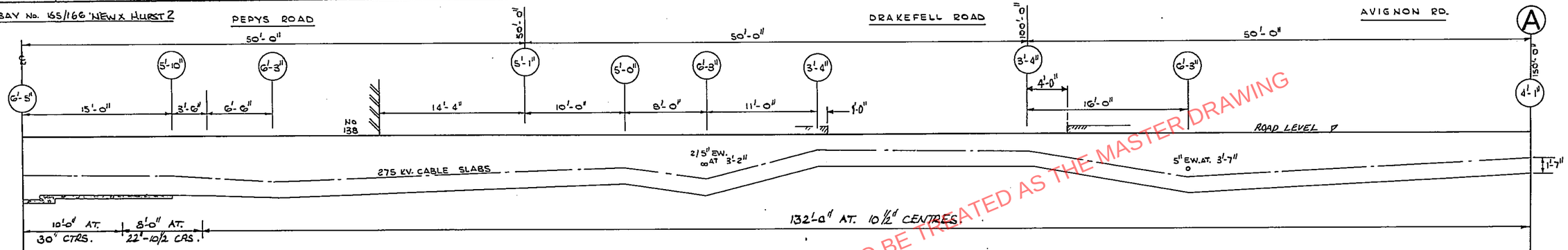
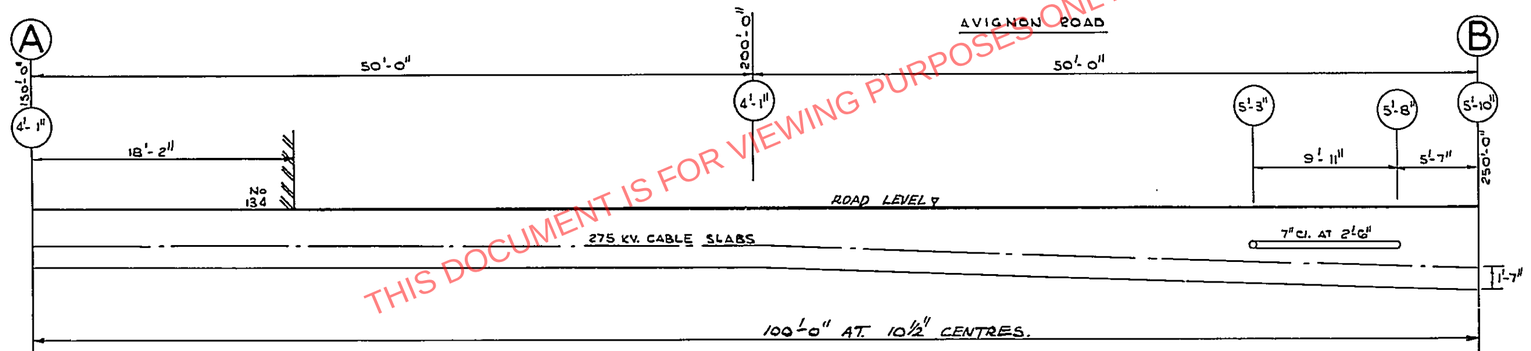
DRAWN BY: K.W.N.	TRACED BY: P.S.	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	SECTION No. 165	PROFILE OF TRENCH NEW CROSS - HURST 2	TO HURST →	SCALE = 1/8" = 1'-0"	PAGE 117

JOINT BAY No. 165/166 NEW X HURST 2





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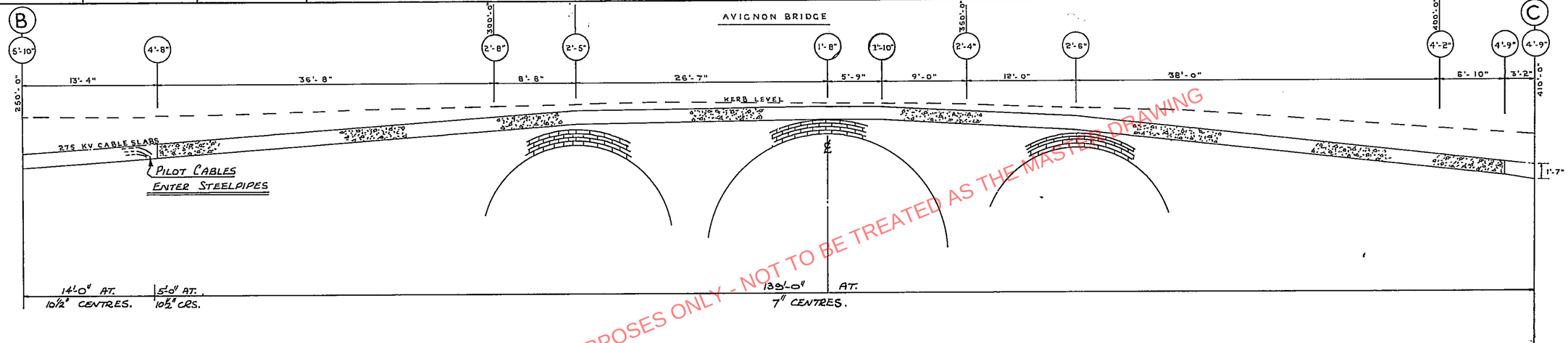
DRAWN BY: K.W.N.	TRACED BY:	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	SECTION No 165	PROFILE OF TRENCH NEW CROSS - HURST 2	TO HURST →	SCALE : 1/8" : 1'-0"	PAGE 118



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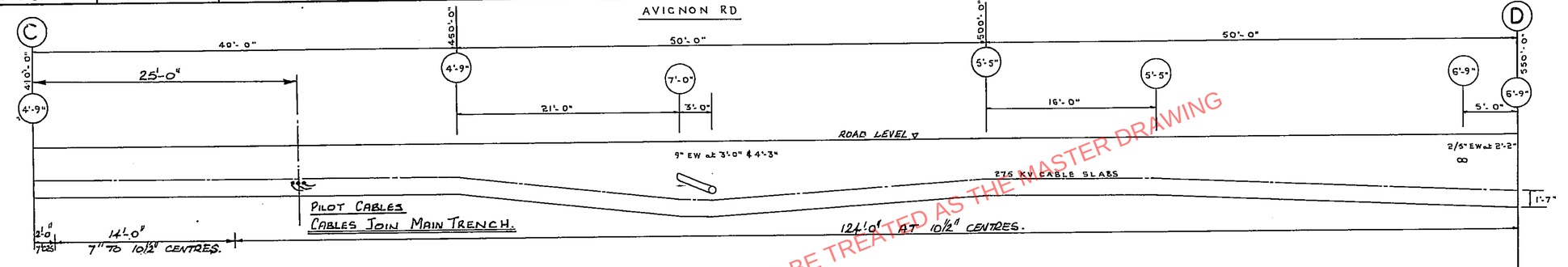
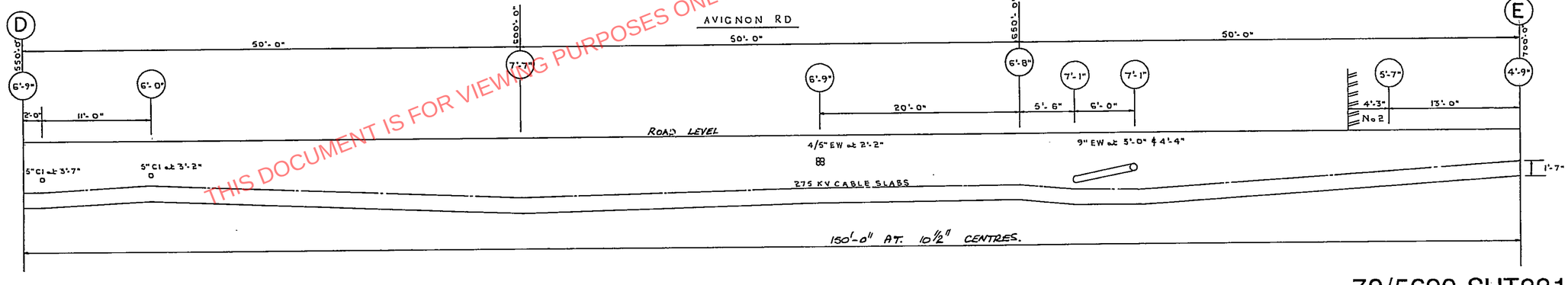
DRAWN BY: K.W.N.	TRACED BY:	CHECKED BY:	CONTRACT C150 WIMBLEDON – HURST	SECTION No. 165	PROFILE OF TRENCH NEW CROSS - HURST 2	TO HURST →	SCALE 1/8": 1'-0"	PAGE 119





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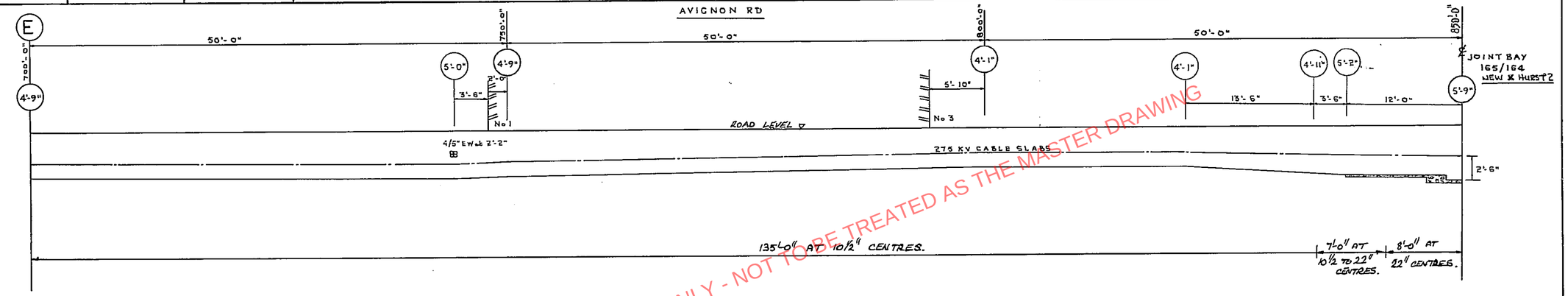
DRAWN BY: K.W.N.	TRACED BY:	CHECKED BY:	CONTRACT CI50 WIMBLEDON - HURST	SECTION No. 165	PROFILE OF TRENCH NEW CROSS - HURST 2	TO HURST	SCALE 1/8" = 1'-0"	PAGE 120



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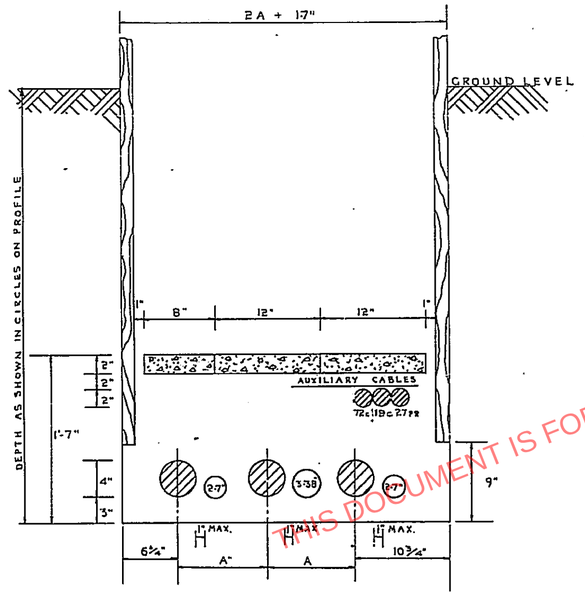
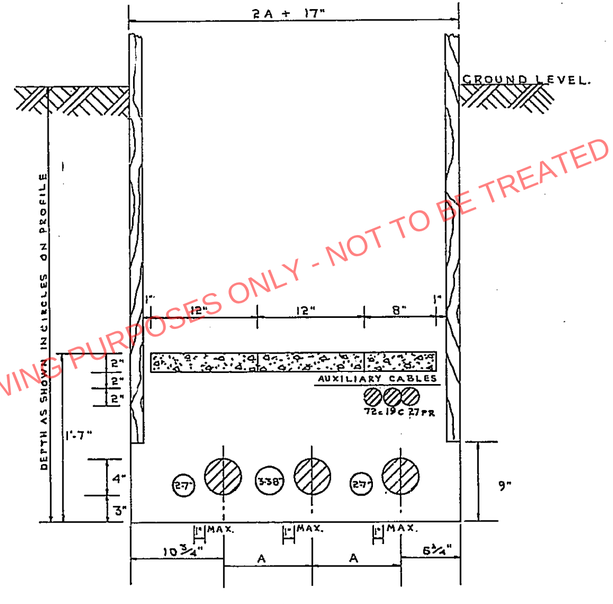
DRAWN BY K.N	TRACED BY V.C	CHECKED BY	CONTRACT C 150 WIMBLEDON — HURST	CIRCUIT NEW CROSS - HURST 2	SCALE 1" = 1'-0"	PAGE. S40

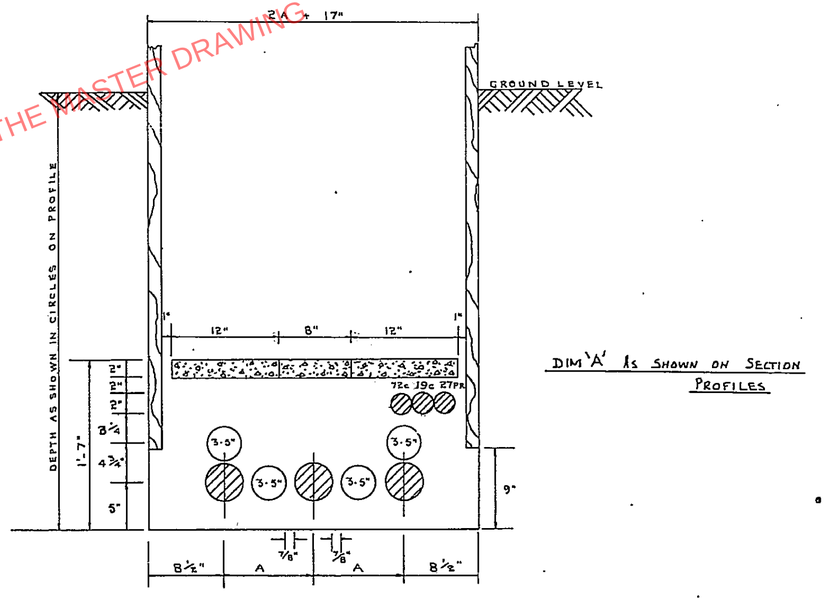
TYPICAL TRENCH SECTIONS.



C.S.A. ODD NUMBER CABLE SECTION.



C.S.A. EVEN NUMBER CABLE SECTION.



DIM 'A' IS SHOWN ON SECTION PROFILES

POLYTHENE ODD AND EVEN NUMBER CABLE SECTION.

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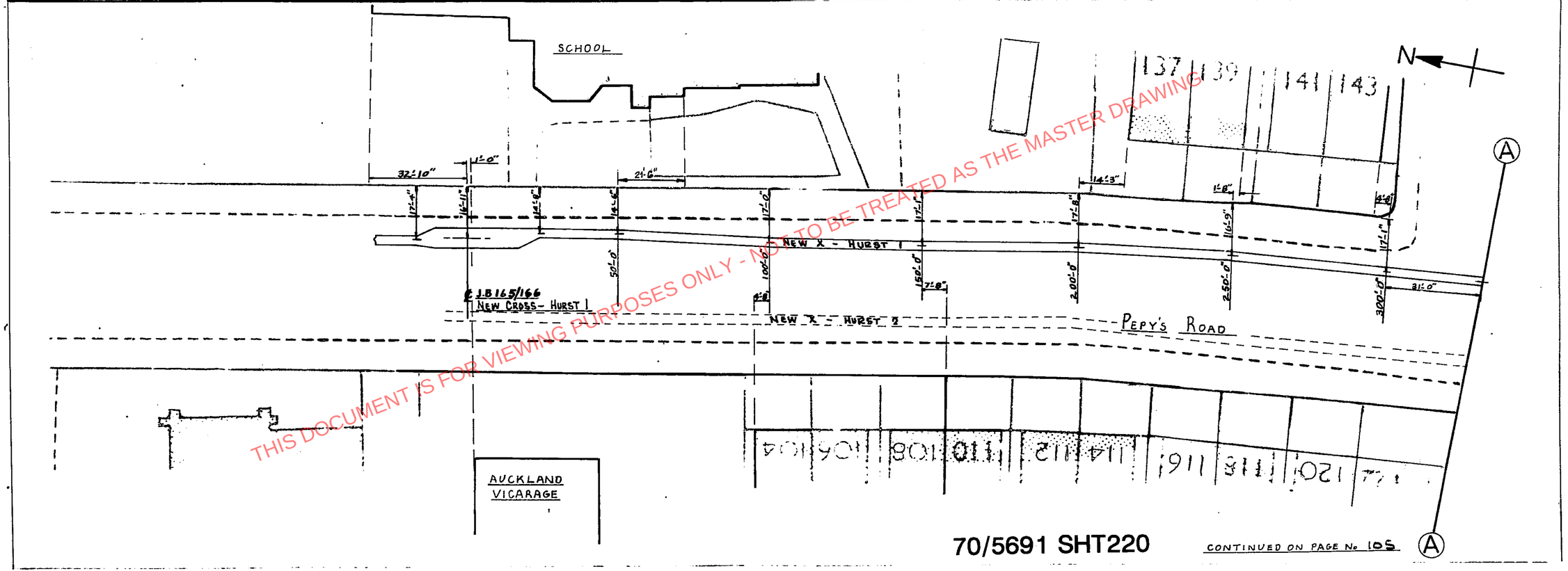

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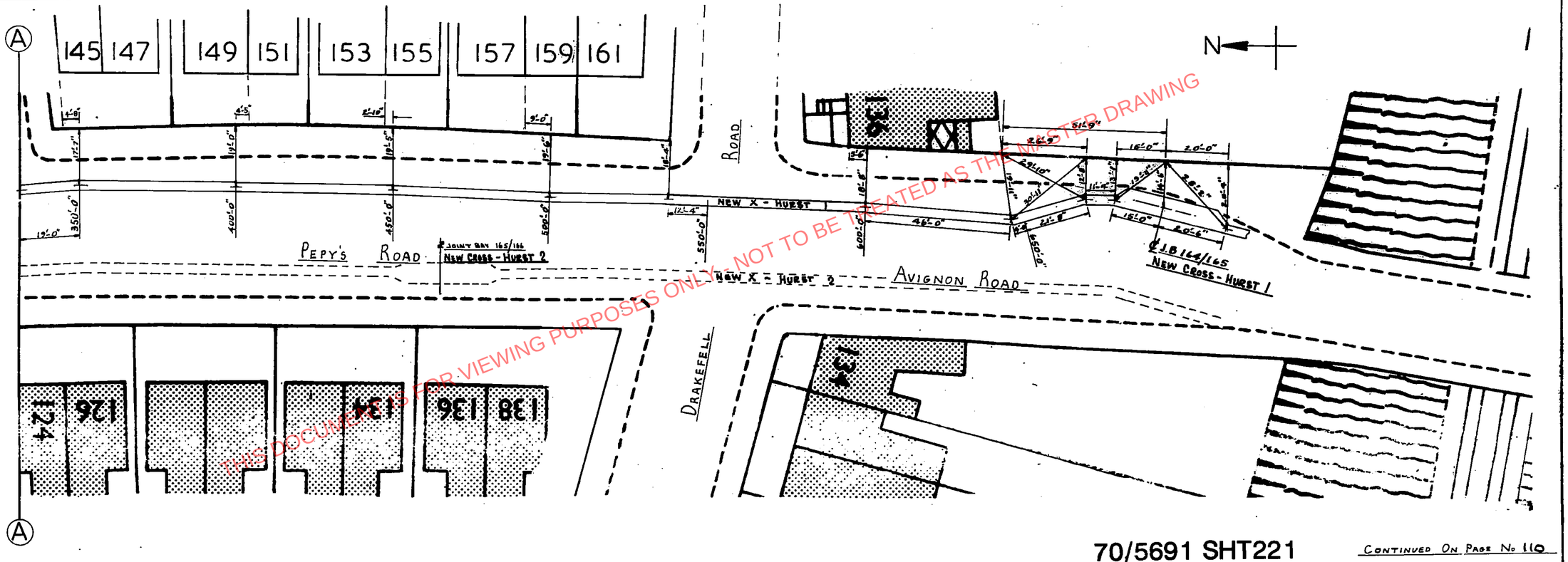
DRAWN BY: C.C.W	TRACED BY:	CHECKED BY:	CONTRACT C.150 WIMBLEDON-HURST	TO HURST →	SECTION No. 165	NEW CROSS – HURST 1	SCALE: 1"=24'-0"	PAGE: 105



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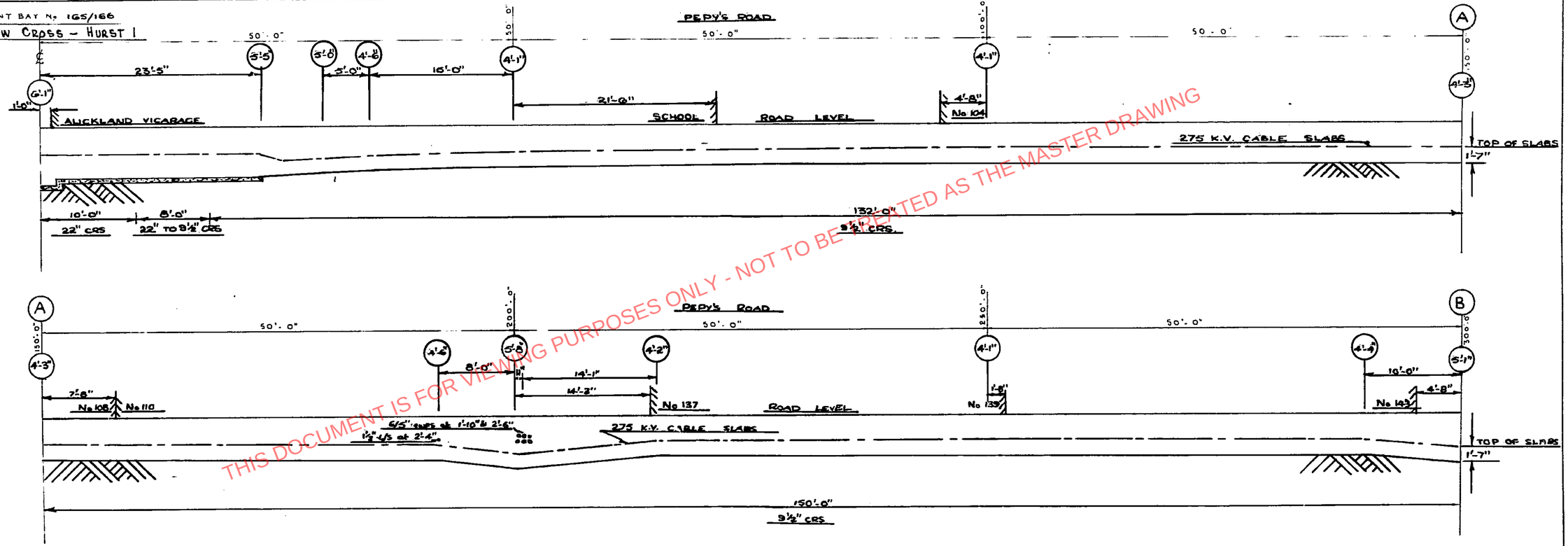
DRAWN BY: C.C.W. | TRACED BY: M.B. | CHECKED BY: | CONTRACT: G.I.S.O. WIMBLEDON - HURST | SECTION No. 165 | PROFILE OF TRENCH: New Cross – Hurst 1 | TO HURST → | SCALE = 1/8" : 1'-0" | PAGE: 106

JOINT BAY No. 165/166

New Cross – Hurst 1



DEPTHS TO BOTTOM OF TRENCH ARE SHOWN IN CIRCLES

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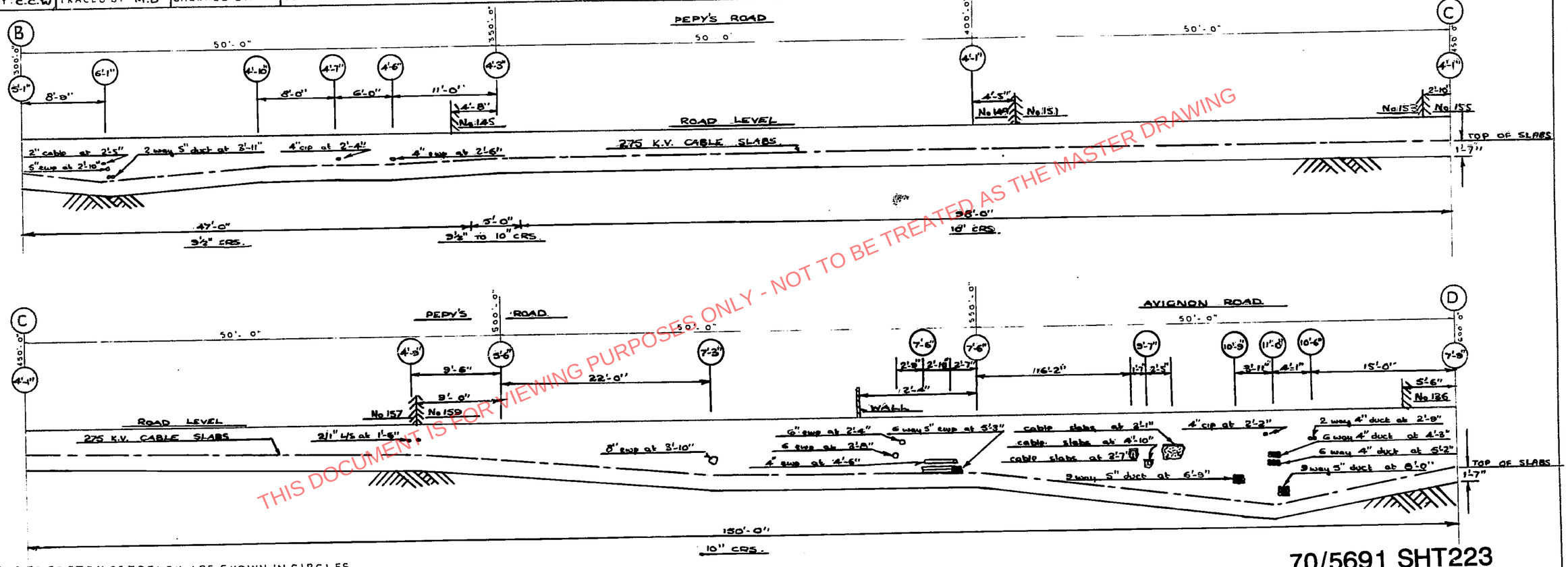
DRAWN BY: C.C.W	TRACED BY M.B	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	SECTION No. 165	PROFILE OF TRENCH NEW CROSS – HURST 1	TO HURST	SCALE: 1/8" : 1'-0"	PAGE: 107



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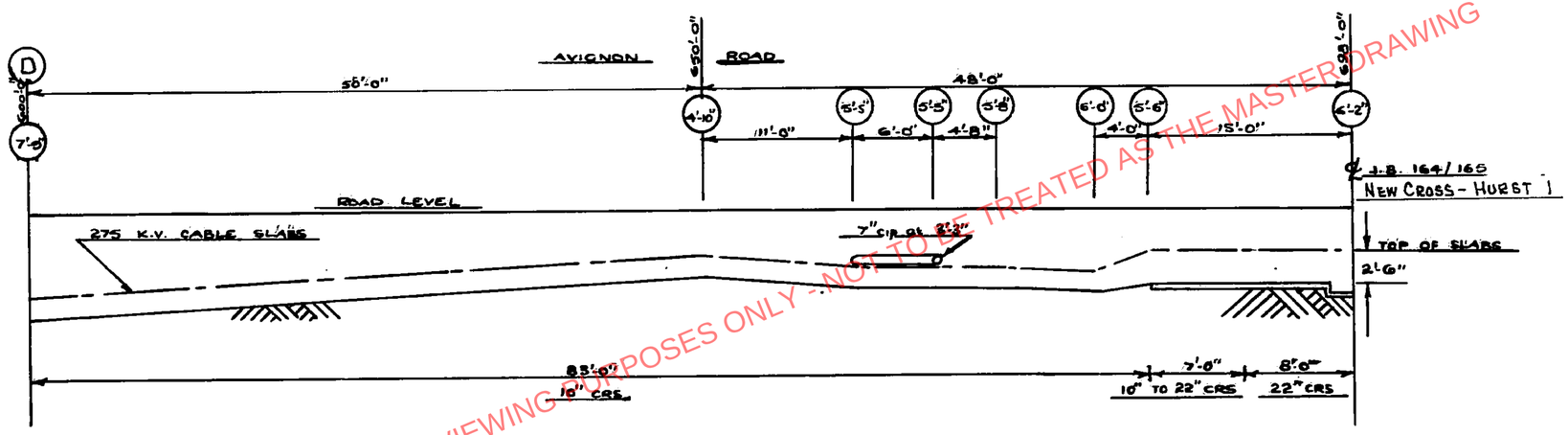
DRAWN BY: C.C.W	TRACED BY: M.B.	CHECKED BY:	CONTRACT: C150 WIMBLEDON – HURST	SECTION No. 165	PROFILE OF TRENCH: NEW CROSS – HURST 1	TO HURST →	SCALE = 1/8" = 1'-0"	PAGE: 108



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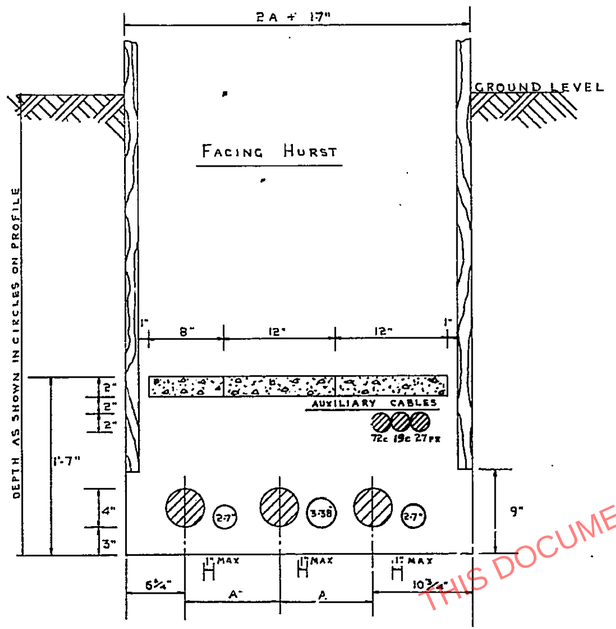
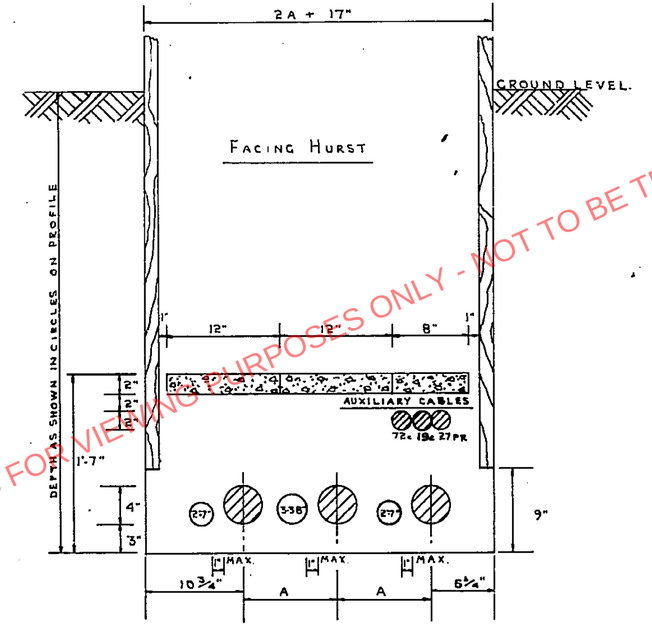
TYPICAL TRENCH SECTIONS.



C.S.A. ODD NUMBER CABLE SECTION.



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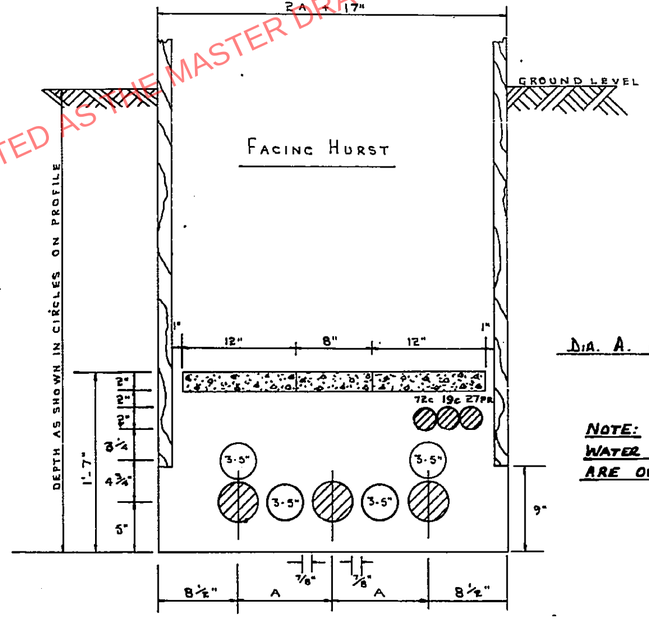

POLYTHENE ODD AND EVEN NUMBER CABLE SECTION.

DIA. A. AS SHOWN ON SECTION PROFILES.

NOTE:
WATER PIPE DIAMETERS ARE OVERALL

70/5691 SHT136

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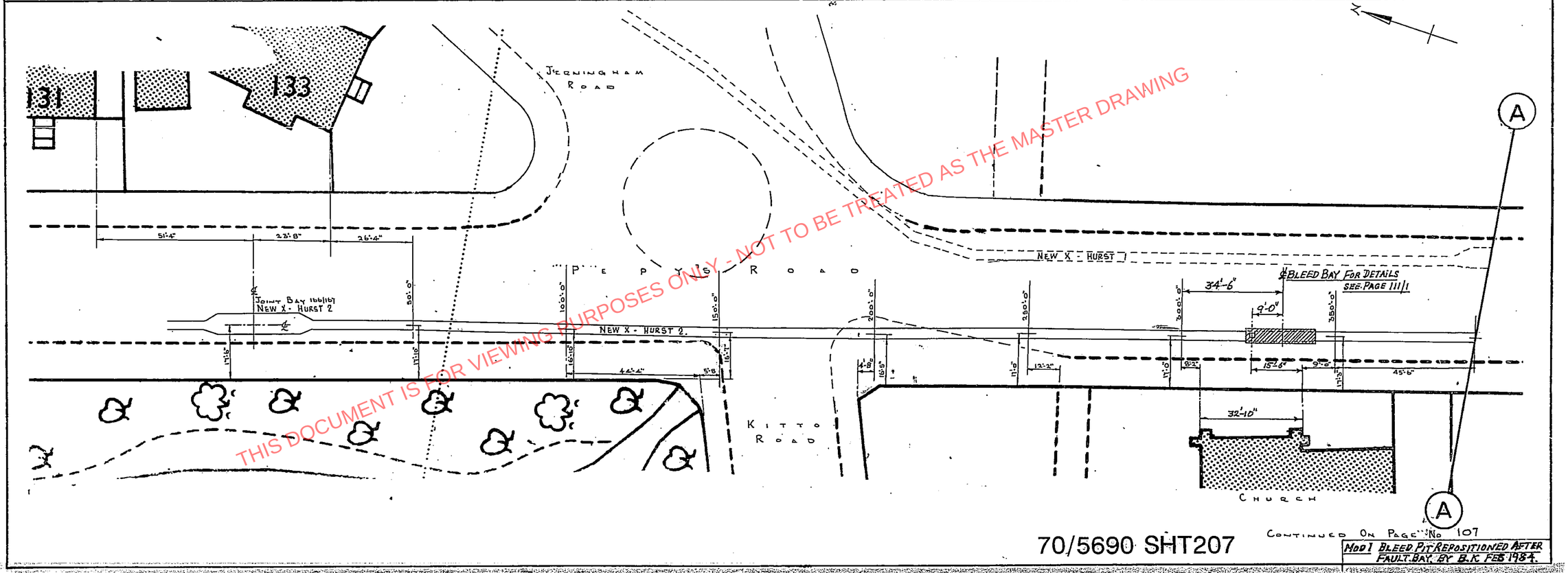

CONTINUED ON PAGE No 107

70/5690 SHT207

MOD1 BLEED PIT REPOSITIONED AFTER FAULT BAY. BY B.K. FEB 1984.

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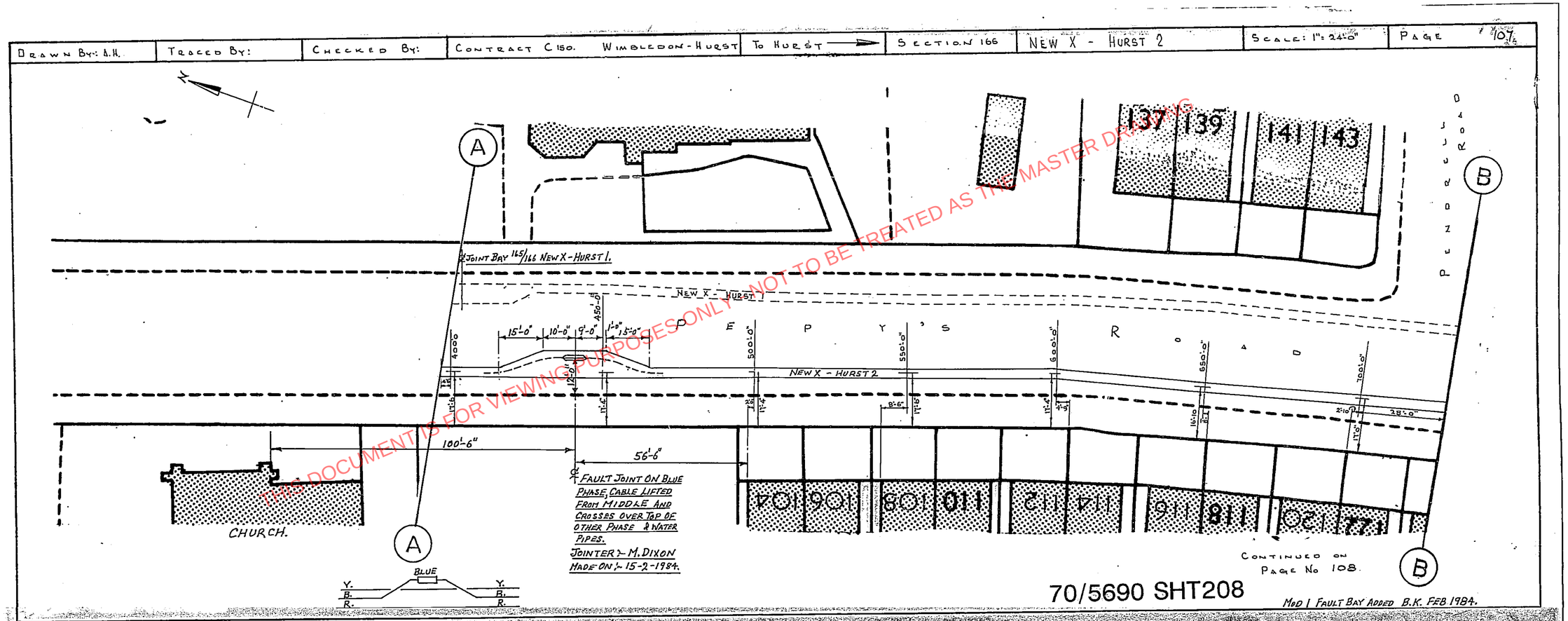
Drawn By: A.H.	Traced By:	Checked By:	Contract C150. Wimbledon-Hurst	To Hurst →	Section 166	New X - Hurst 2	Scale: 1" = 24'-0"	Page 107



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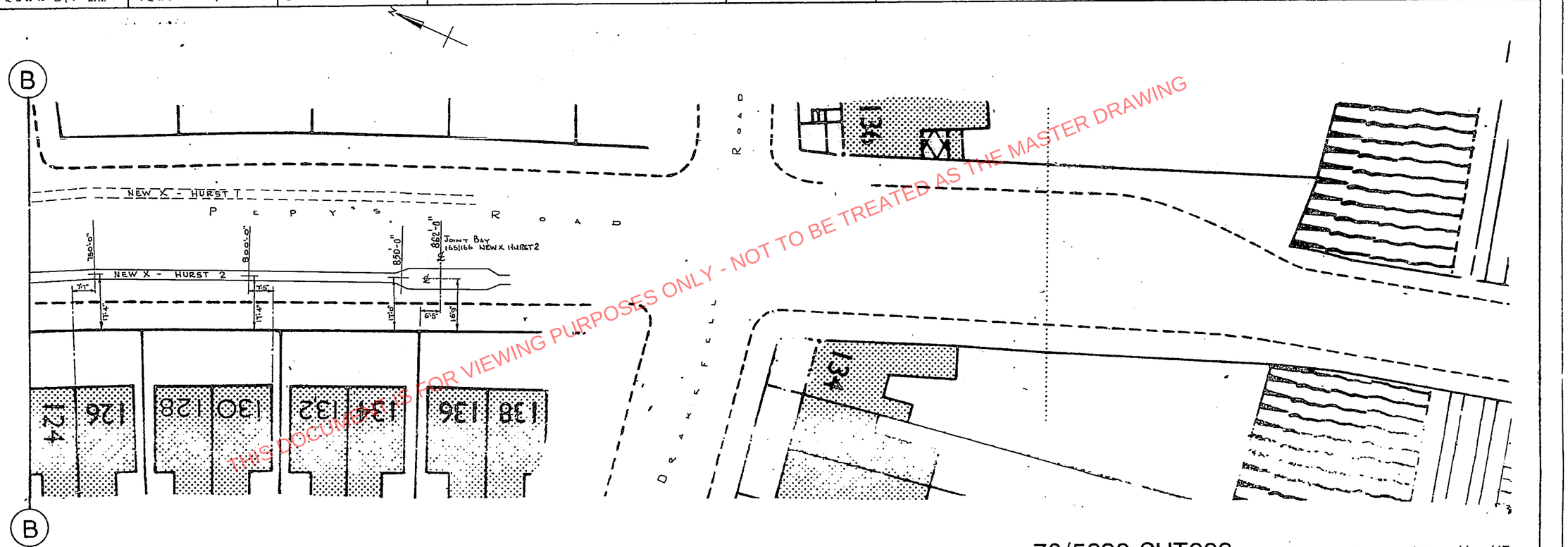

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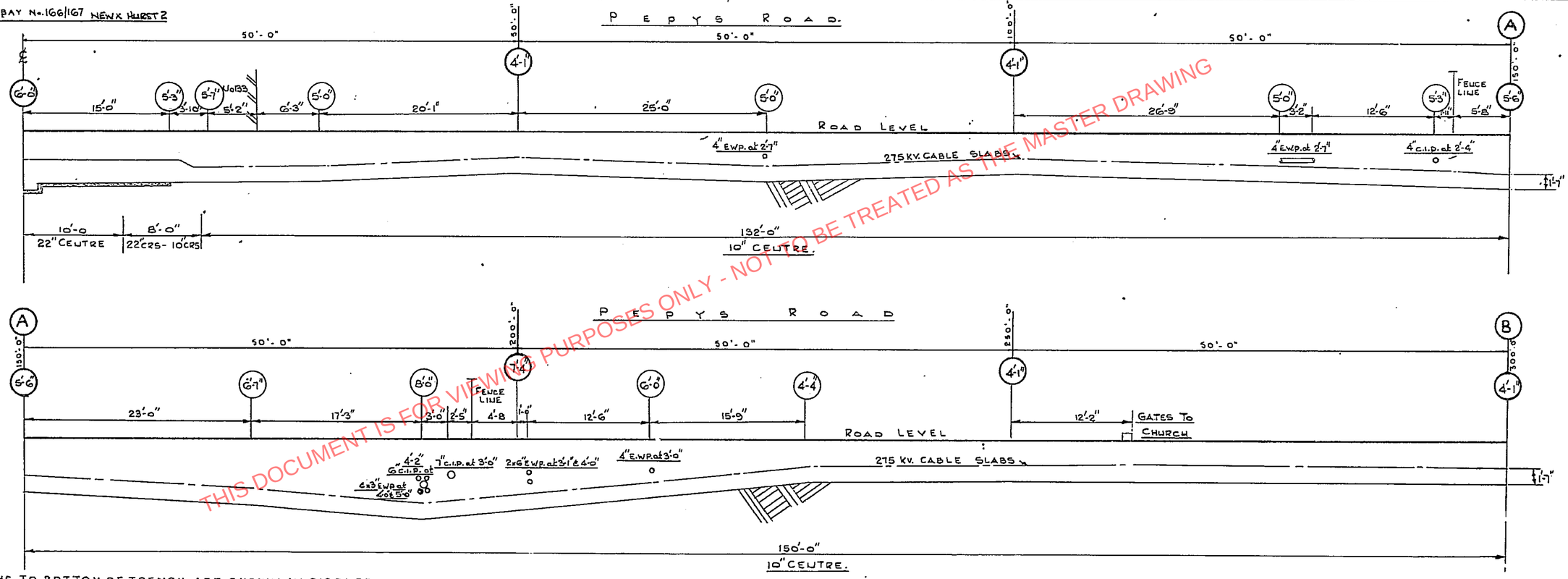
DRAWN BY: A.H	TRACED BY: V.C.	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	SECTION No. 166	PROFILE OF TRENCH New Cross - Hurst 2	TO HURST →	SCALE = 1/8" : 1'-0"	PAGE 109

JOINT BAY Nos. 166/167 NEWX HURST 2



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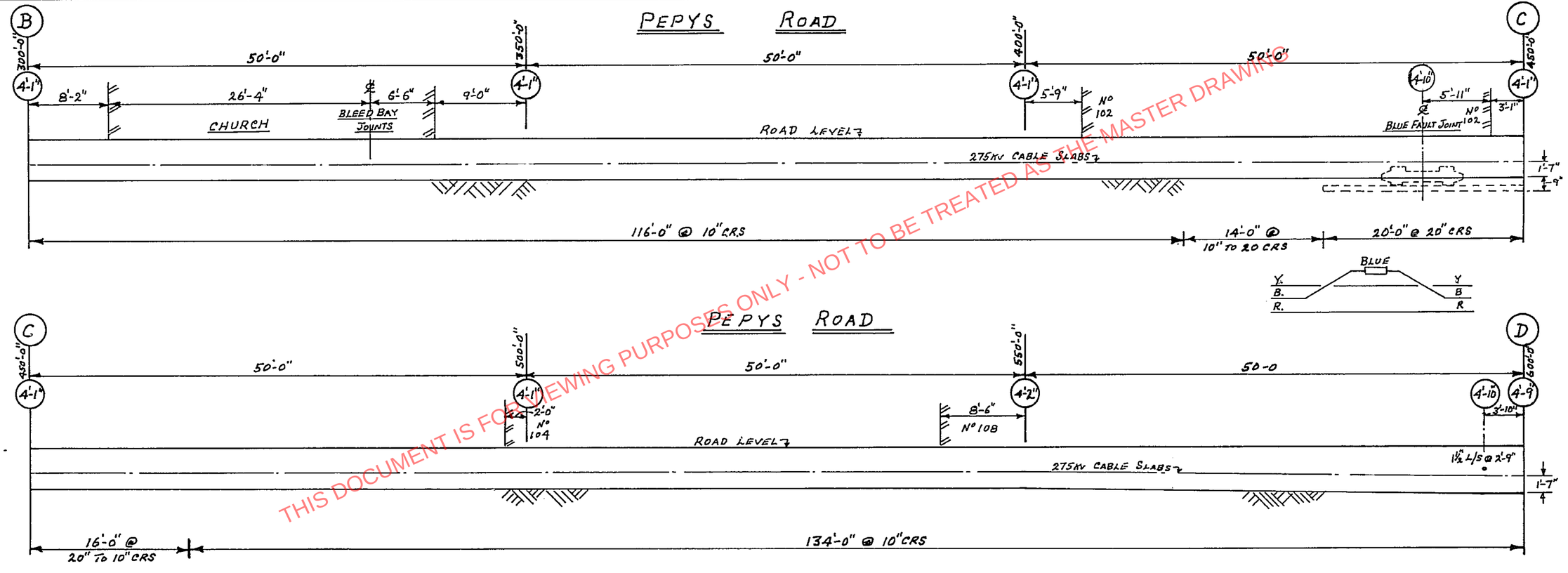
DRAWN BY:- N.E	TRACED BY:-	CHECKED BY:-	CONTRACT C150 WIMBLEDON - HURST.	SECTION Nº 166	PROFILE OF TRENCH:- NEW CROSS - HURST Nº 2	TO HURST →	SCALE:- 1/8" = 1'-0"	PAGE:- 110



DEPTHS TO BOTTOM OF TRENCH ARE SHOWN IN CIRCLES.

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MOD	FAULT JOINT BY 450-0" MARK ADDED BY D.K. FEB 1982.

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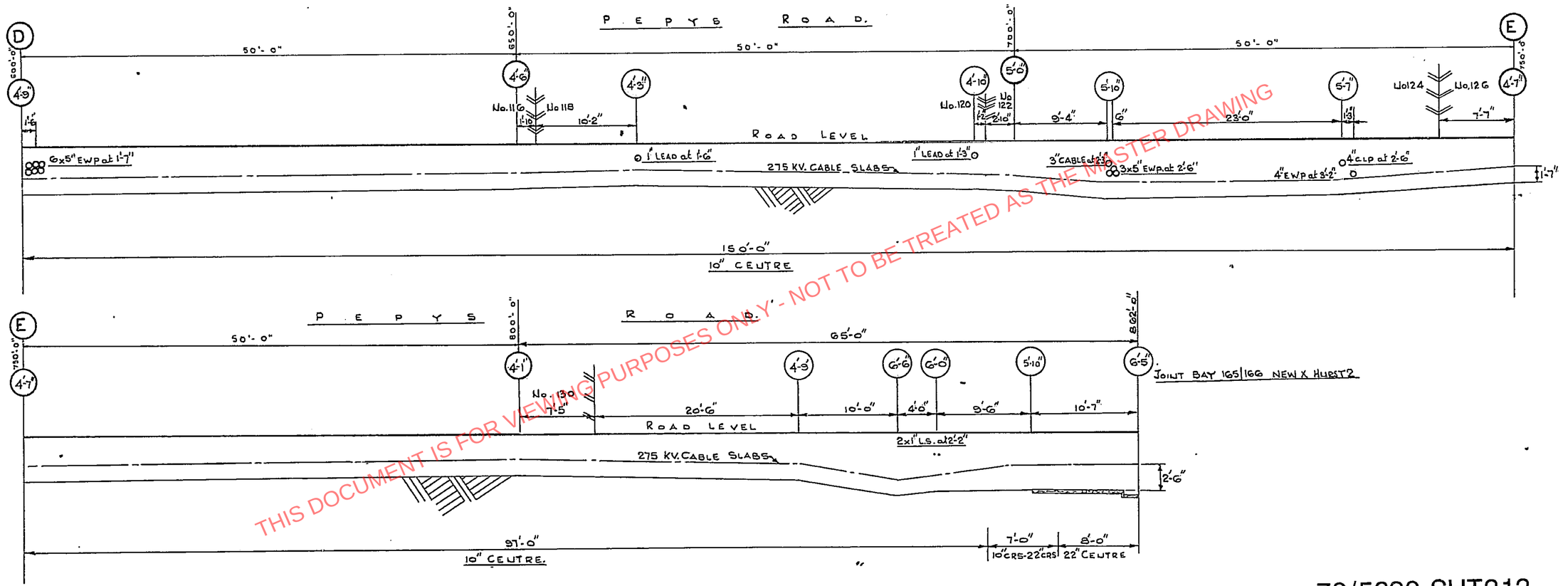
DRAWN BY: A.H.	TRACED BY: V.C.	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	SECTION No. 166	PROFILE OF TRENCH NEW CROSS - HURST 2	TO HURST →	SCALE = 1/8" : 1'-0"	PAGE No. 11



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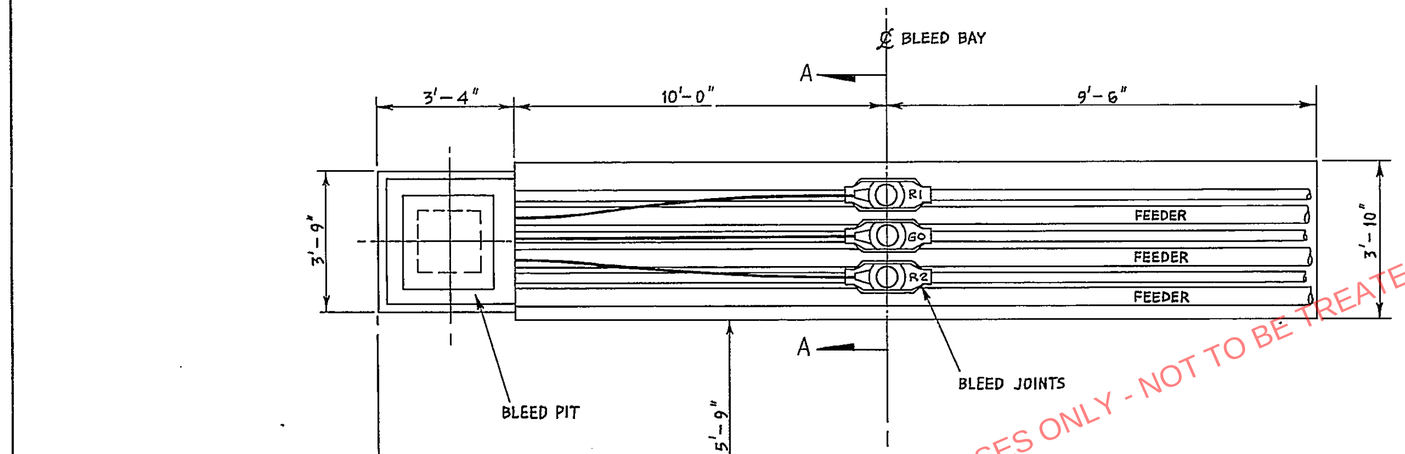
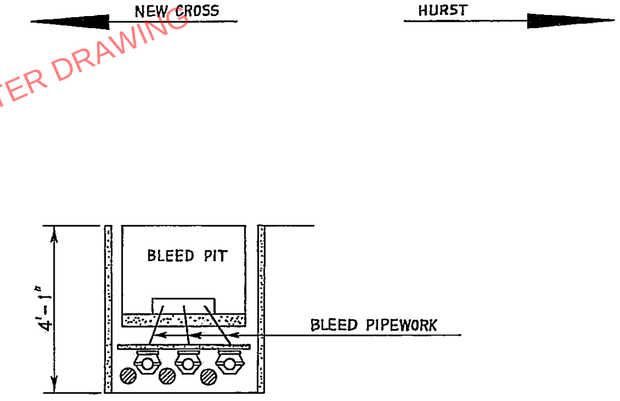
DRAWN BY: G. P. H.	TRACED BY: S. G. I.	CHECKED BY:	CONTRACT C.150 WIMBLEDON - HURST	DETAILS OF BLEED JOINTS AND BLEED PIT IN SECTION No. 166	NEW CROSS - HURST 2	SCALE 3/8" TO 1'-0"	PAGE 11/1





SECTION ON A-A FACING NEW CROSS

JOINT	TYPE OF W.P	JOINTER	DATE
R.1. BLEED	2·0 C.S.A	B. MANSFIELD	24-9-68
R.2. BLEED	2·0 C.S.A	"	"
GO BLEED	2·8 C.S.A	"	"

70/5690 SHT213

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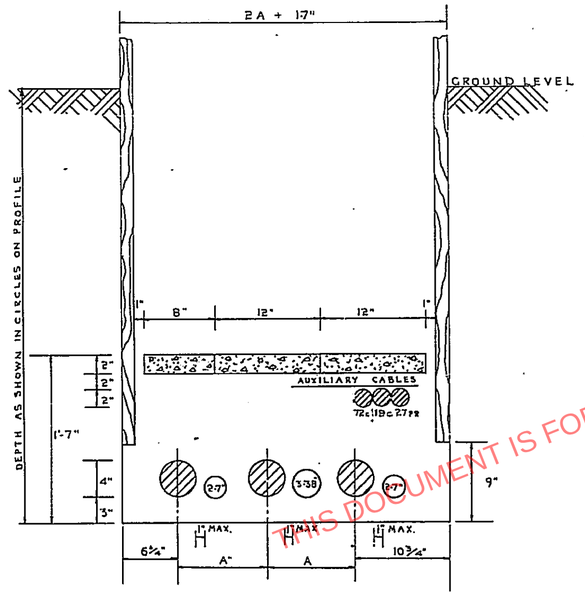
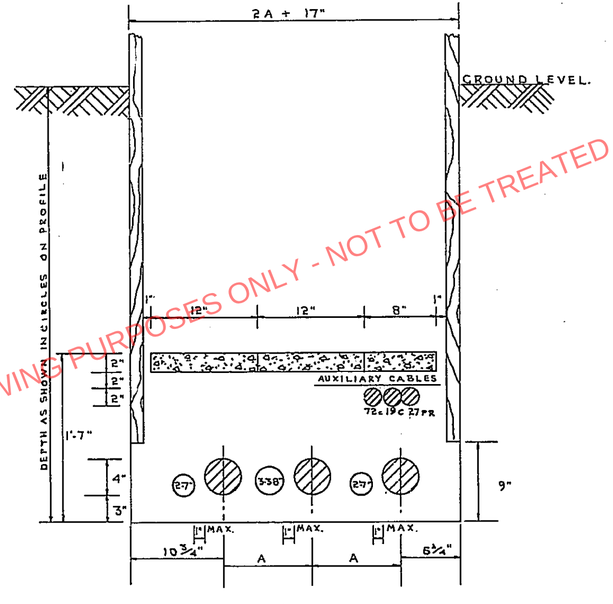
DRAWN BY K.N	TRACED BY V.C	CHECKED BY	CONTRACT C 150 WIMBLEDON — HURST	CIRCUIT NEW CROSS - HURST 2	SCALE 1" = 1'-0"	PAGE. S40

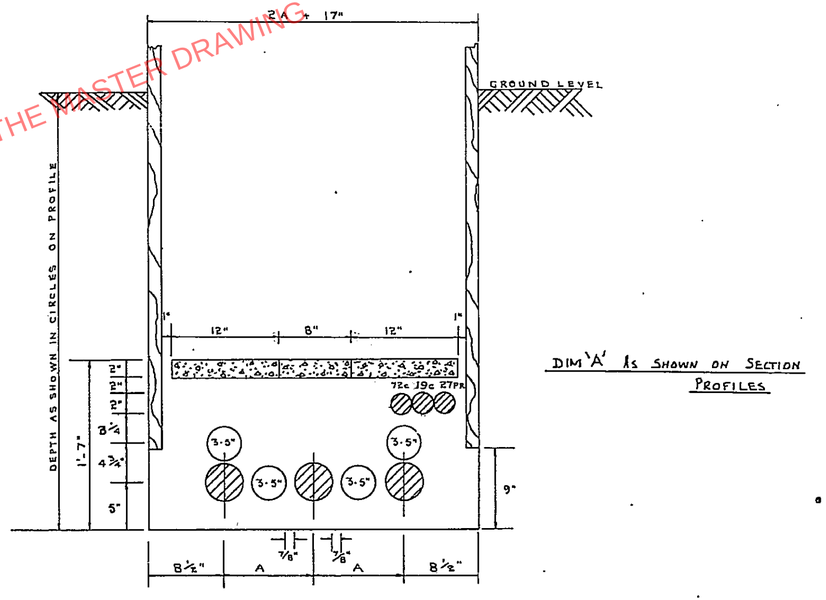
TYPICAL TRENCH SECTIONS.



C.S.A. ODD NUMBER CABLE SECTION.



C.S.A. EVEN NUMBER CABLE SECTION.



DIM 'A' IS SHOWN ON SECTION PROFILES

POLYTHENE ODD AND EVEN NUMBER CABLE SECTION.

70/5690 SHT72

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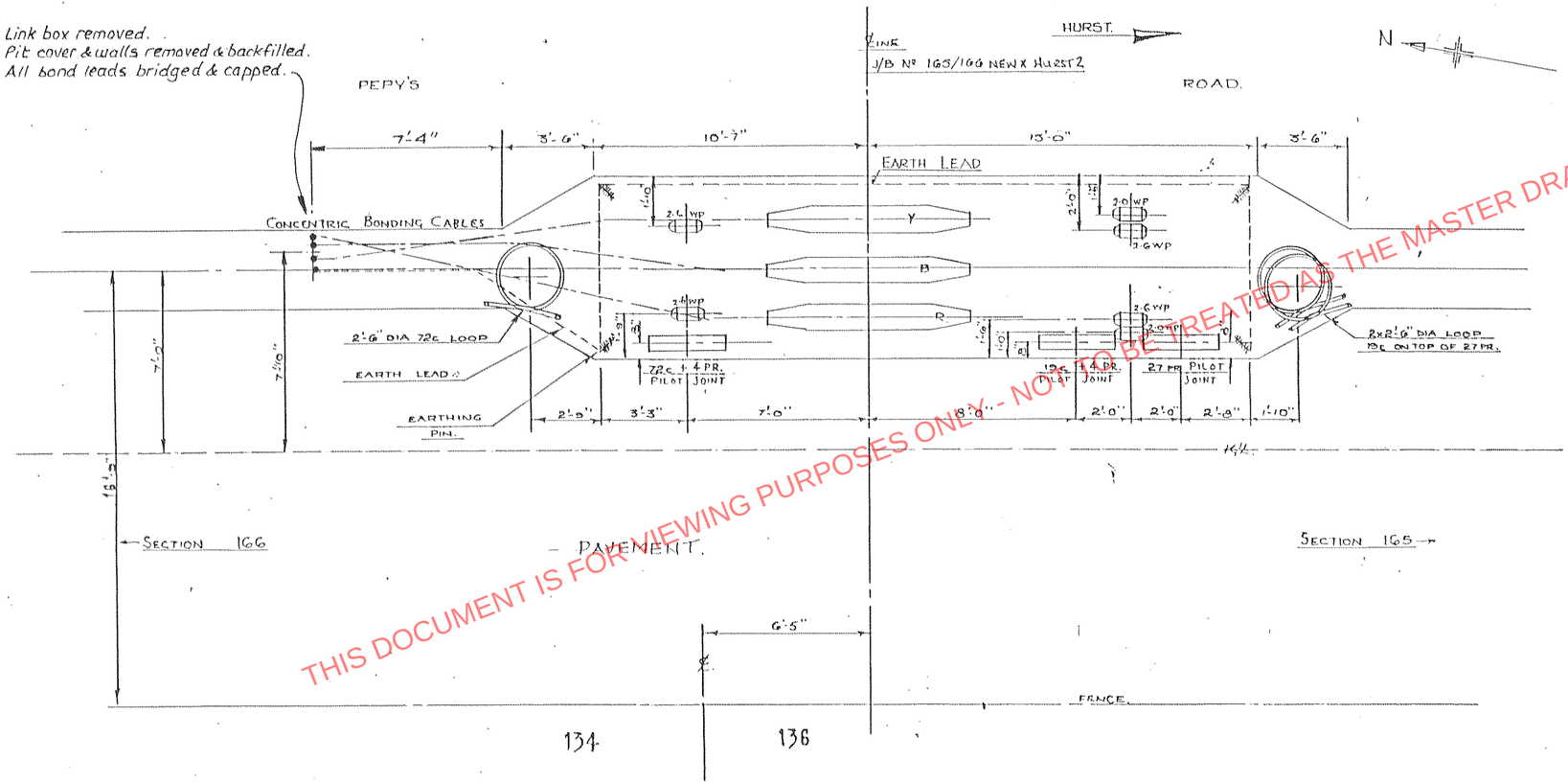
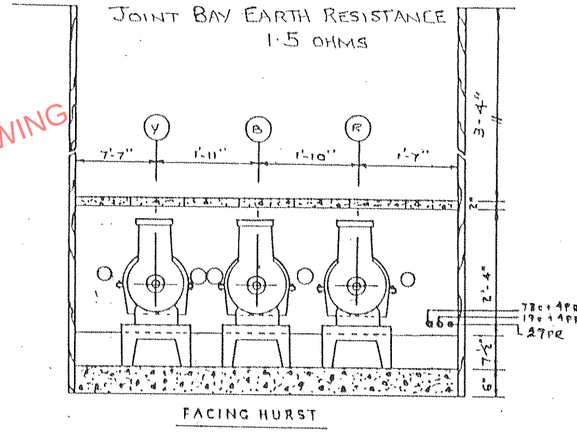
DRAWN BY: J.G.	TRACED BY: M.B.	CHECKED BY:	CONTRACT C150 WIMBLEDON - HURST	JOINT BAY No 165/166	NEW X - HURST 2	SCALES: SECTION 1/2"=1'-0" PLAN 1/4"=1'-0"	PAGE: 112

Link box removed.
Pit cover & walls removed & backfilled.
All bond leads bridged & capped.





FACING HURST

JOINT.	PHSE	TYPE OF CABLE.	JOINTER.	DATE.	WEATHER.
FDR	R	5/C 2·5" 275Kv OIL CABLE	A. MARVIN	13-1-66	FINE
"	Y	"	D. EKERS	8-1-66	FINE
"	B	"	D. EKERS	11-1-66	"
72c+4PR		7/·029+4PR 1/·044	R. LAURIE	14-2-66	"
19c+4PR		" " " "	"	"	"
27 PR		27PR 1/·044·	"	"	"
2" C.P.		2" 1/D C.S.A	"	16-2-66	"
2" C.P.		" "	"	"	"
2·5 C.P. W TURN		2·5" 1/6 C.S.A	"	15-2-66	"
"		" "	"	"	"
2·5 C.P. H TURN		" "	"	"	"
"		" "	"	16-2-66.	"

70/5690 SHT214

REV 2	SITE SCAN OF M.U.P	MAR 2008
Rev:1.	Link box & pit removed.	Mar'02.

Gas

Our Ref: 36622156 Your Ref: 79 Drakefell Road

Thursday, 13 March 2025

Lauren Hartley
80 Sandy Lane Lowton
Warrington
CHS
WA3 1BG

Dear Lauren Hartley

Thank you for your enquiry dated Thursday, 13 March 2025

Please find an extract from our mains records for your proposed work area, any SGN assets are described in the map legend. **On some occasions blank maps may be sent to you, this is due to your proposed work being in a no gas area but within our operational boundaries.**

This mains record only shows the pipes owned by SGN in our role as a Licensed Gas Transporter (GT). Please note that privately owned gas pipes or pipes owned by other GTs may be present in this area and information regarding those pipes needs to be requested from the owners. If we know of any other pipes in the area we will note them on the plans as a shaded area and/or a series of x's.

The information shown on this plan is given without obligation or warranty and the accuracy cannot be guaranteed. Service pipes, valves, siphons, stub connections etc. are not shown but their presence should be anticipated. Your attention is drawn to the information and disclaimer on these plans. The information included on the plan is only valid for 28 days.

On the mains record you may see the low/medium/intermediate pressure gas main near your site. There should be no mechanical excavations taking place above or within 0.5m of a low/medium pressure system or above or within 3.0m of an intermediate pressure system. You should, where required confirm the position using hand dug trial holes.

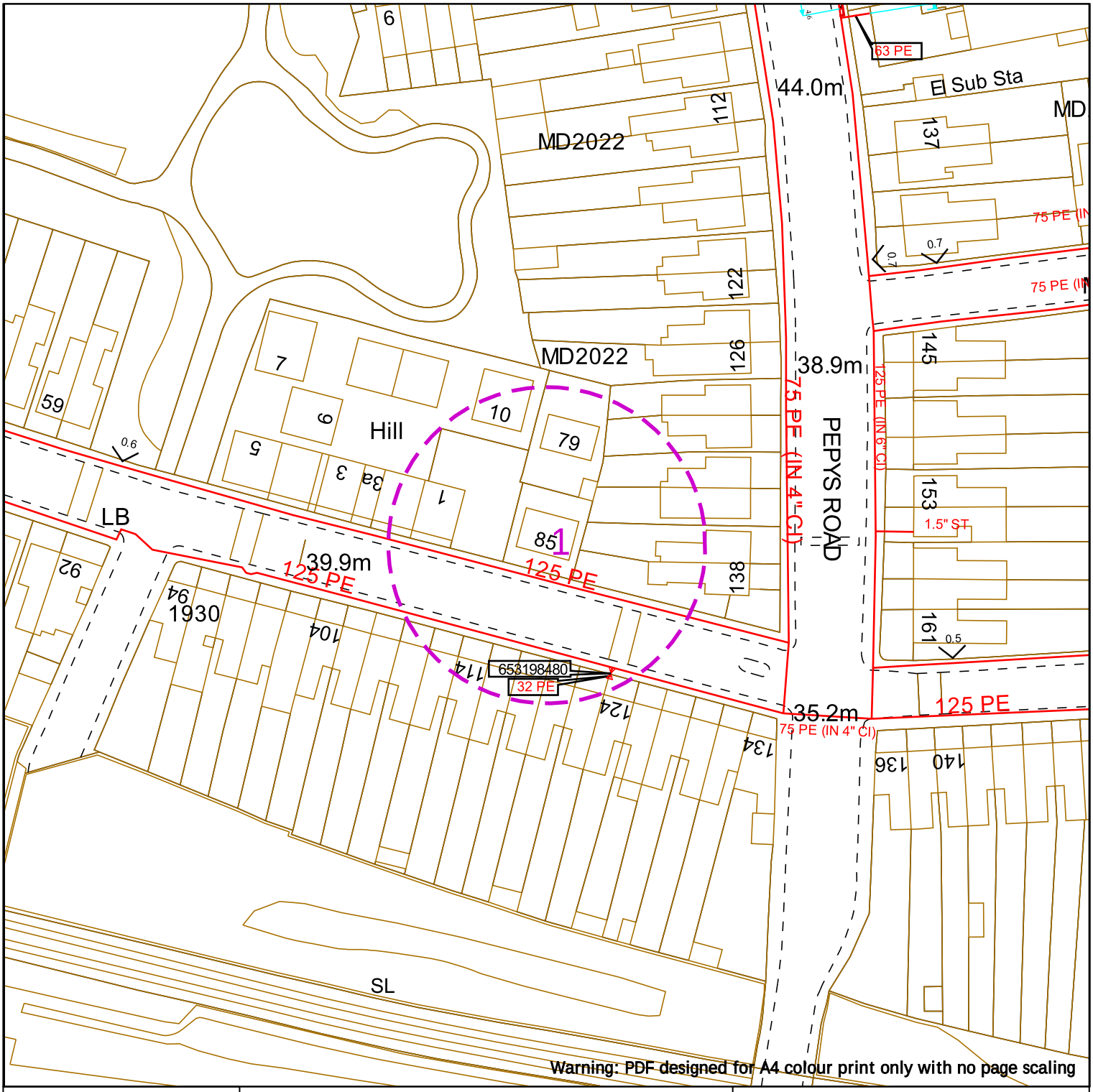
A colour copy of these plans and the gas safety advice booklet enclosed should be passed to the senior person on site in order to prevent damage to our plant and potential direct or consequential costs to your organisation.

Safe digging practices in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services" must be used to verify and establish the actual position of the 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 relevant people (direct labour or contractors) working for you on or near gas pipes.

It must be stressed that both direct and consequential damage to gas plant can be dangerous for your employees and the general public and repairs to any such damage will incur a charge to you or the organisation carrying out work on your behalf. Your works should be carried out in such a manner that we are able to gain access to our apparatus throughout the duration of your operations.

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

Yours sincerely,
The Safety Admin Team
For more information, visit our Dig Safely pages on sgn.co.uk
Tel: 0800 912 1722



SGN
Your gas. Our network.

Contact Us
SGN Safety Admin Team:
0800 912 1722
Email:
plantlocation@sgn.co.uk

Low Pressure Mains
Medium Pressure Mains
Intermediate Pressure Mains
High Pressure Mains
H100 Hydrogen Network
Some Examples Of Plant Items
Valve
Syphon
Depth of Cover
Diameter Change
Material Change
Digsite:
Line:
Area:
LAs
GTs
SSSIs

N
W
E
S

This information is given as a guide only and its accuracy cannot be guaranteed.

Linesearch before U dig

Date Requested: 13/03/2025
Job Reference: 36622156
Site Location: 535932 175957
Requested by: Miss Lauren Hartley

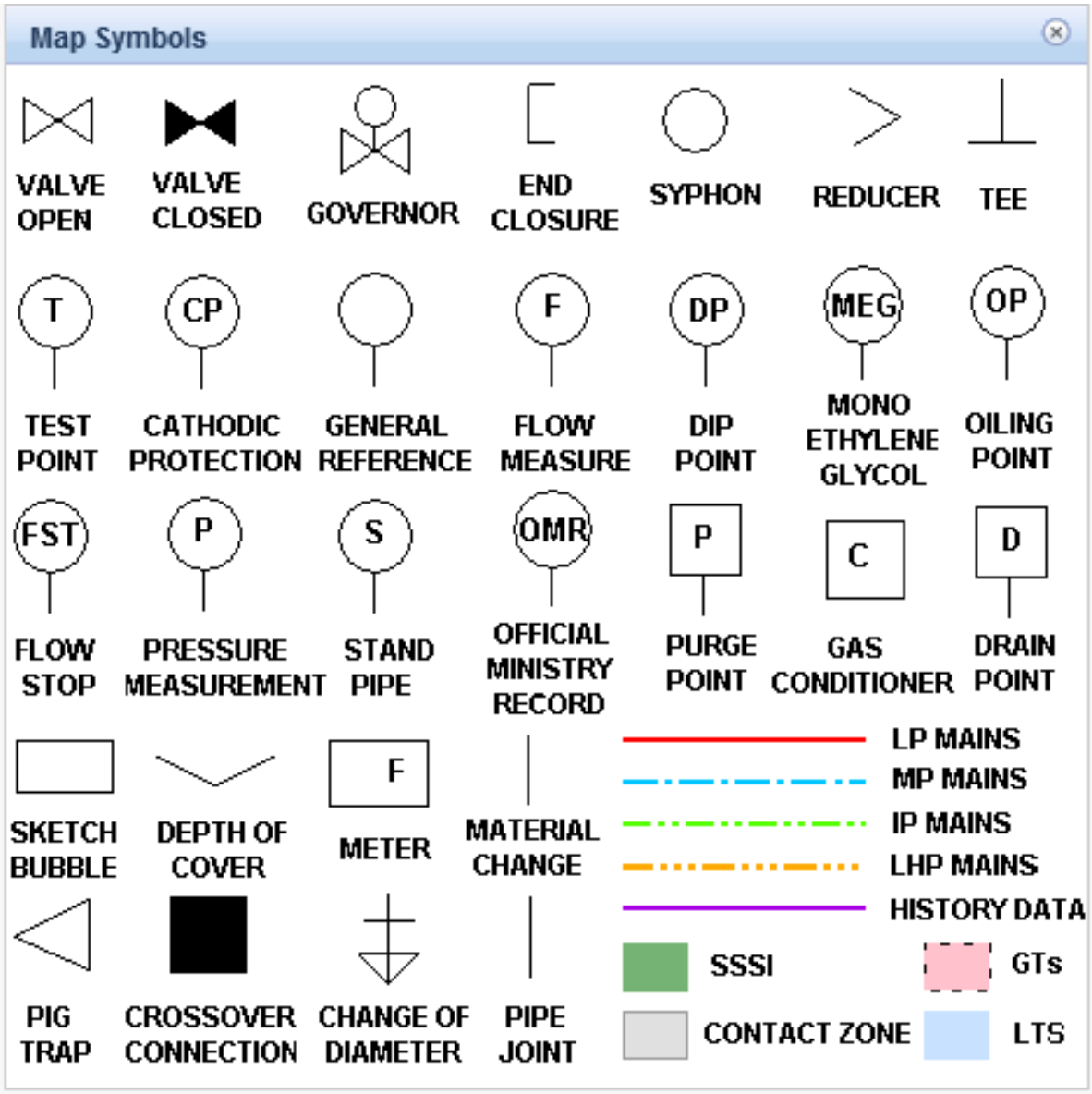
Your Scheme/Reference: 79 Drakefell Road

This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. 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 plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 111 999

Scale: 1:1000 (When plotted at A4)

This plan is reproduced from or based on the OS map by Scotia Gas Networks plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Southern Gas – 100044373 and Scotland Gas – 100044366.


Map Symbols
VALVE OPEN
VALVE CLOSED
GOVERNOR
END CLOSURE
SYPHON
REDUCER
TEE
T
TEST POINT
CP
CATHODIC PROTECTION
GENERAL REFERENCE
F
FLOW MEASURE
DP
DIP POINT
MEG
MONO ETHYLENE GLYCOL
OP
OILING POINT
FST
FLOW STOP
P
PRESSURE MEASUREMENT
S
STAND PIPE
OMR
OFFICIAL MINISTRY RECORD
P
PURGE POINT
C
GAS CONDITIONER
D
DRAIN POINT
SKETCH BUBBLE
DEPTH OF COVER
F
METER
MATERIAL CHANGE
LP MAINS
MP MAINS
IP MAINS
LHP MAINS
HISTORY DATA
PIG TRAP
CROSSOVER CONNECTION
CHANGE OF DIAMETER
PIPE JOINT
SSSI
GTs
CONTACT ZONE
LTS

SGN

Your gas. Our network.

Know what's below

Protecting you and your family

Protecting you and your family

Are you planning on carrying out any home improvements such as building a conservatory, an extension, a new pond, decking, concreting, landscaping, fencing or planting trees in your garden? You must make sure you have drawings/maps showing any pipes or cables around your home. To obtain copies of our gas drawings/maps please visit our **Dig safely** pages on **sgn.co.uk** and follow the link to our online system.

This service is free of charge.

Our Dig safely page is also where you'll find advice on any protective measures you may need to take before you start work, whether you're planning on doing it yourself or hiring a professional.

Damaging gas pipes is dangerous and could lead to a fire or an explosion. It could also cause large-scale loss of gas supply to the local community and is potentially very expensive.

Responsibilities

It's the responsibility of whoever is doing the work to make sure they've complied with the relevant legislation and Health and Safety Executive (HSE) guidance.

In practice, this means anyone carrying out work must obtain a copy of any available colour drawings showing the position of buried utilities for reference before and during the project.

Non-recording of service pipes >
Individual service pipes are not normally recorded pm gas network drawings. This is accepted practice and reinforced by guidance given in Design, construction and installation of service pipes – approved code of practice, published by the HSE, and IGE/TD/4 – Gas Services, published by the Institute of Gas Engineers and Managers.

< Service entry

What you need to do when planning a conservatory or house extension, landscaping, fencing or any other groundworks

It's the responsibility of whoever is undertaking the work to check with utility companies before the work starts.

If you're planning any building or digging work remember that gas pipes, power cables, water pipes and sewers all run underground and could be right beneath your feet. Construction or excavation work can damage underground services or prevent further maintenance.

Remember that obtaining planning permission or a building warrant from your local authority doesn't normally involve consultation with utility companies so you should get in touch with them when you start planning your project. This will help keep everyone safe.

Please visit our **Dig safely** pages on **sgn.co.uk** for more information and our online mapping system.

Gas services/work in gardens

If you're going to be carrying out work around your home, or a third party is carrying out work on your behalf and you have requested a map from us, **your own gas service may not be marked**. The simplest way to understand the location of your gas service is to know where it enters your house, as pictured.

Your gas service pipe usually takes the shortest route to the gas main, as shown on the sample network map/drawing above.

If you're unsure and need further help, please contact us and we'll arrange for a Plant Protection officer to contact you.

Any damage, however minor, must be reported to the National Gas Emergency Service

Planting a tree or landscaping your garden

Tree roots can damage utilities.

If you're planting trees or shrubs, make sure you consider the type of plant, root type and their location in relation to buried gas pipes to avoid any damage. We may need access to repair and maintain our pipes and equipment in the future, and we reserve the right to remove any tree or bush if we need to.

What happens if you damage a pipe?

If you damage a gas pipe:

- Call the National Gas Emergency Service on **0800 111 999** immediately
- **DON'T** attempt to make repairs yourself
- **DON'T** handle or attempt to alter the position of the exposed pipe

Damaging a gas pipe can result in:

- Major fire/explosion leading to death or serious injury
- Asphyxiation due to gas exposure leading to death or serious injury
- Loss of gas supply to individuals or communities
- Financial costs to you for repair and remedial work
- Enforcement action by the HSE

We will recover all reasonable costs incurred in repairing damaged gas pipes.

Delivering gas safely, reliably and efficiently

Your safety is our top priority

We manage the network that distributes natural and green gas to over 5.9 million customers in Scotland and the south of England.

We own and operate 74,000km of gas mains, and associated plant and equipment. We're committed to delivering gas safely, reliably and efficiently to every one of our customers.

All our engineers and contractors carry a photo ID card with our company logo on it. Don't be afraid to check with our Security team on **0800 015 5170** that the person on your property is supposed to be there.

Service entry

Meter box

Accidental damage to our pipes could put you or members of the public at risk.

Help

If you're planning any work on or around your property and you need more information, you'll find everything you need on our Dig Safely pages.

www sgn.co.uk

0800 912 1722

Smell gas? 0800 111 999

Follow these six steps if you smell gas:

✓ DO open windows and doors to help ventilate the gas

✓ DO turn off the gas supply at the meter and make sure any gas appliances are turned off

✓ DO call the **National Gas Emergency number** on **0800 111 999**. Lines are open 24 hours a day, 365 days a year

✗ DON'T smoke or use any naked flames

✗ DON'T touch any electrical switches. Turning a switch on or off could ignite a gas leak

✗ DON'T enter a cellar if you smell gas, even if your gas meter is located in the cellar

SGN
Your gas. Our network.
Dig safely
Measures to avoid injury
and damage to gas pipes
eCAT4

The following protective and precautionary measures MUST be taken when working in the vicinity of gas mains and services.

It is the responsibility of the property owner or company carrying out the work to make sure they've complied with the relevant legislation and Health and Safety Executive (HSE) guidance, eg HS(G)47. In practice, this means that whoever is carrying out the work MUST obtain gas mains location information and/or maps showing the indicative position of the gas network before any work takes place.

To avoid injury to yourself, your employees, colleagues and the general public you MUST suitably mark the position of the pipes on site.

HS(G)47 outlines best practice that should be followed to ensure you work safely:

1. Plan the work, obtain maps.
2. Detecting, identifying and marking underground services.
3. Safe excavation and safe digging practices.

In addition to the requirements under the Health and Safety At Work etc. Act 1974 to prevent injuries to employees and others (not employed), it is an offence under regulation 15 of the Pipelines Safety Regulations 1996 to cause damage to a pipeline (which includes gas mains and services as well as higher pressure pipelines) so as to give rise to a danger to persons.

You MUST make sure that current full colour copies of our maps are issued to all relevant personnel on site and they're aware of the presence and location of our gas mains and services prior to any excavation.

In a gas emergency

If you cause a gas leak or suspect a main or service pipe or equipment is leaking, you MUST take the following emergency actions immediately:

- **Ask people to move away from the area of the gas escape.**
- **Call 0800 111 999 immediately.**

1. **Don't** attempt to repair the escape or stop the leakage.
2. As gas may enter buildings, ask people in the surrounding premises to **leave** until it's safe for them to return.
3. **Stop** anyone going near the immediate vicinity of the gas escape.
4. **Prohibit** smoking and extinguish all naked flames.
5. **Don't** use mobile phones or other ignition sources.
6. **Assist** our representatives and other emergency services such as the police, ambulance, and fire service as requested.

Additional reference material

- SGN guidance for Safe Working in the Vicinity of Pipelines & Associated Installations operating >7barg. Applicable for HP only.
- HS(G)47 **Avoiding Danger from Underground Services** available from **hse.gov.uk**
- NJUG **Utilities Guidance on Positioning and Colour Coding of Apparatus** available from **njug.org.uk**

Making an enquiry for gas mains or services maps

Please visit our **Dig safely** pages on **sgn.co.uk** for plant protection information and links to our online mapping system and other associated information and guidance.

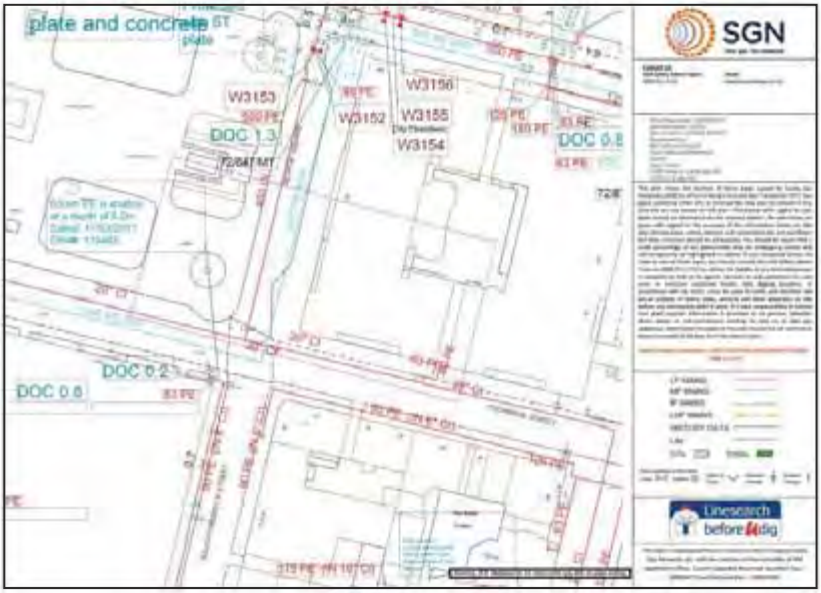
Our simple and easy to use online mapping system is available 24/7, 365 days a year.

You'll need to register/log in and provide a few details about your site location and the work you'll be carrying out. We'll respond immediately by email.

What you're likely to be sent

You'll be sent an email with a map. This will be an extract from our gas mains record, showing your site and any of our gas pipes as well as relevant safety information.

We always send out safety information, however we may forward your enquiry on to a local plant protection officer or a pipelines engineer to make direct contact with you depending on the work location.



Example of a gas map

Note: Service pipes are not shown on our maps

When working near our gas mains and services

Safe system of work

To satisfy ourselves that work in the vicinity of our gas mains is being carried out safely, we may ask for a copy of your risk assessment and/or method statement paperwork.

Where work falls under the Construction (Design and Management) Regulations 2015 reference to our gas mains and services MUST be made within your site Health and Safety file.

Financial

Every reasonable precaution MUST be taken to avoid personal injury or damage to our gas network at all times.

If we incur any costs to repair direct or consequential damage or divert any gas main or service, you'll be recharged in full.

HSE

Any damage to our gas mains or services will be subject to legislative reporting responsibilities to the Health and Safety Executive under Reporting of Injuries, Diseases & Dangerous Occurrences Regulations 2013, Gas Safety Management Regulations 1996, and the Pipelines Safety Regulations 1996.

Minimum safe working distances

Depending on the activity being undertaken and the gas mains or services you are working within the vicinity of, there are different safe distances that MUST be adhered to. SGN plant protection officers or pipeline engineers will inform you of these if required.

Surface boxes and manholes

Do not bury or move our surface boxes. Free access MUST be maintained during and after your work. No manhole cover or other structure can be built over, around or under a gas main, and no work is to be carried out that results in a reduction or increase in cover or protection without prior written agreement.

Deep excavations

Adequate protection, approved by us, MUST be applied for any deep excavations in the vicinity of our gas mains and services that may affect its security and integrity. Ground movement around gas mains MUST be prevented. We MUST be contacted if a sewer trench or any other water authority is to be constructed at greater than 1.5 metres depth near a buried gas main or service pipe. You MUST give us detailed drawings showing the line and width of the proposed sewer or other trench, together with the soil group classification of the area concerned.

Crossing our mains or services

The placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over our gas mains is prohibited unless specifically agreed protective measures (ie the construction of reinforced crossing points) have been carried out. This is particularly important where reductions in side support or ground cover are planned. You MUST NOT carry out any work in servitudes/easements without our prior written consent.

Exposed plant

Where excavations in the vicinity of our gas mains affect its support, the plant MUST be adequately supported and protected in consultation with us and to our satisfaction. It MUST be protected from impact, restraints and thrust blocks, and supports MUST NOT be removed without our agreement.

Hot work

One of our representatives should be present when welding or other hot work involving naked flames is being carried out near our gas mains, as there's potential for heat damage to plastic pipeline/coatings.

Backfilling

Concrete backfill should not be placed closer than 300mm to our mains. No concrete or hard material should be placed under or adjacent to any of our gas mains. Shuttering MUST be constructed to maintain the stated clearances and prevent fresh concrete encasing our mains or services. Material used for backfill around our gas mains MUST conform to the following:

- If sand, it MUST be well-graded in accordance with BS EN 12620:2002.
- It MUST NOT contain any sharp particles (stones, bricks, lumps or corrosive materials).
- Foamed concrete MUST NOT be used.
- It MUST be laid to a minimum depth of 250mm above the crown of the gas main.

Note: Power ramming MUST NOT take place until a 300mm hand rammed layer has been completed over the crown of the main.

Access

Free access to our sites, mains and services, including temporary structures and spoil heaps MUST be available at all times.

Mechanical excavation

Mechanical excavators (including breaker attachments) MUST NOT be used within the following distances from the confirmed location of our gas mains and services shown on our gas maps without prior agreement:

Type of mains and services	Gas map identification	Hand excavation required inside	Pipe pressure indication shown on map
Low Pressure (LP)	0 – 75mbar	0.5 metres	
Medium Pressure (MP)	75mbar to 2 bar	0.5 metres	
Intermediate Pressure (IP)	2 – 7 bar	3.0 metres	
High Pressure (HP)	Above 7 bar	You must seek approval from us prior to any work	

Major accident hazard pipelines

High pressure pipeline

No work is to take place near an HP pipeline until it is agreed with us. After agreement and before any work does take place, the location of our pipeline MUST be marked up and its position confirmed by digging trial holes with our personnel in attendance.

Pipeline markers

High pressure

We will be involved in any work taking place near high pressure pipelines. We will provide you with additional information that you MUST familiarise yourself with before carrying out any work.

The default method of excavating near high pressure gas pipelines MUST always be by hand.

Wind turbines

The UK Onshore Pipelines Operations Association (UKOPA) has identified the appropriate exclusion zone (distance from the base of the wind turbine mast to the edge of the pipeline) as 1.5 times the turbine height. Contact MUST be made with us during the planning stages of a wind turbine or wind farm.

Tree planting

If trees or shrubs are to be planted in the vicinity of our gas mains and services, the selection of tree or shrub type and how it's planted MUST be considered carefully. This is to avoid root damage to buried mains or services, and to ensure our subsequent excavations for main repair and maintenance won't damage the trees or shrubs.

Written approval from us MUST be obtained before any tree planting is carried out on a servitude/easement. Any approval we grant to plant trees

The following trees and those of similar size (deciduous or evergreen) MUST NOT be planted within 6m of the centre line of the main: ash, beech, birch, most conifers, elm, maple, lime, horse chestnut, oak, and sycamore. Apple and pear trees are also included in this category.

Dwarf apple stocks may be planted up to 3m of the centre line of the main.

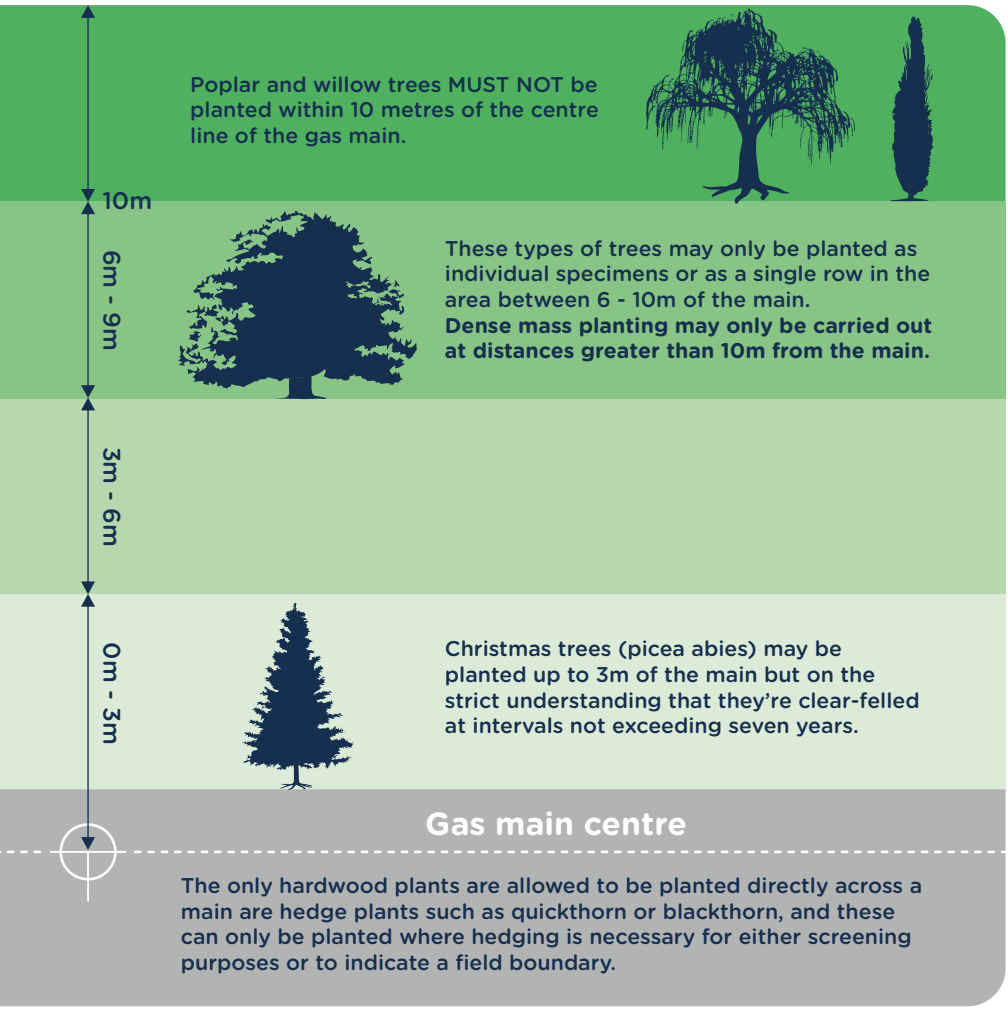
In cases where screening is required, the following are shallow rooting and may be planted close to the gas mains and services: blackthorn, broom, cotoneaster, elder, hazel, laurel, quickthorn, privet, snowberry and most ornamental shrubs.

Gas main centre

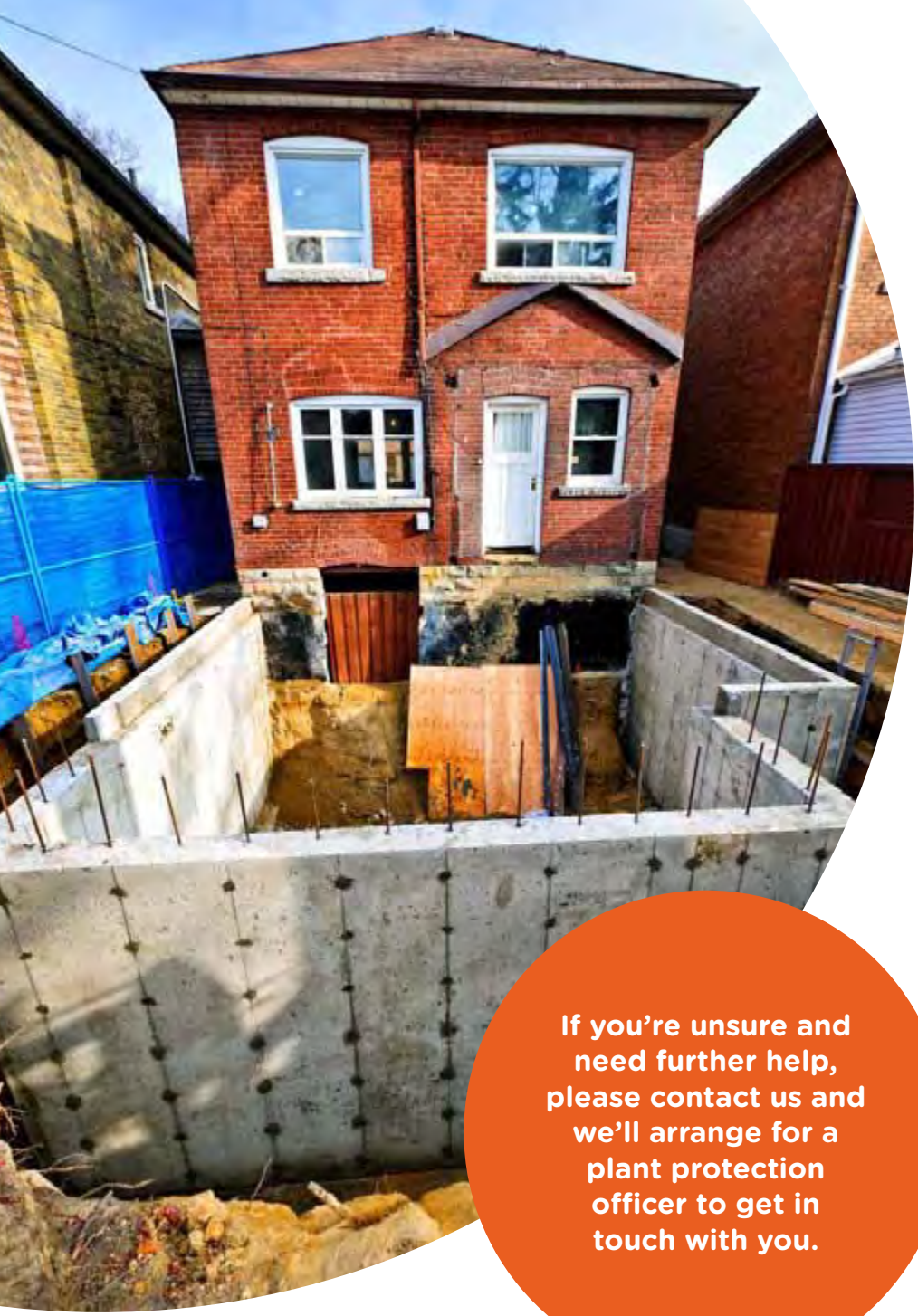
Raspberries, gooseberries and blackcurrants may be planted on the gas main, but a four metre strip, centred on the main, MUST be left clear at all times.

on a servitude/easement will be subject to us retaining the right to remove any tree, which in our opinion may become a danger to our mains in the future.

The written consent to plant trees will state what area may be planted and also the type of tree. The diagram details the specific species and the distances they MUST be planted from gas mains or services. You MUST contact us for further information.



Note: For further guidance, please refer to NJUG 10.



If you're unsure and need further help, please contact us and we'll arrange for a plant protection officer to get in touch with you.

Gas services/work in gardens

If you're going to be carrying out work around your home, or a third party is carrying out work on your behalf, we may send you a site map of our gas mains and services but your own gas service won't be marked.

The simplest way to understand the location of your gas service is to know where it enters your house.

< Your gas service pipe usually takes the shortest route to the gas main, as shown on the sample network map/drawing.

We provide a free plant location enquiry service and we're always happy to help.

www Visit our **Dig safely** pages on **sgn.co.uk**

0800 912 1722 *

*All calls are recorded and may be monitored

Safety Advice - Valves

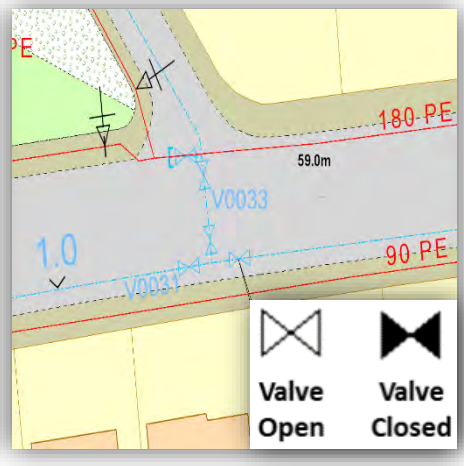
Guidance when undertaking work near gas valves in our network areas

SGN manages the network that distributes gas to 5.8 million homes and businesses across Scotland and the south of England.

Due to a manufacturing issue, we are currently replacing or upgrading certain valve types that are at risk of bolt failure. In extreme cases, this can lead to gas escapes. This is a safety hazard and we have produced this guide to ensure you undertake adequate safety precautions when working near gas valves.

Identifying gas valves

The images below are an illustration of typical gas valves. Please note, valves come in various colours, shapes and sizes, and you may come across a valve that looks different to those found in the images.



What should you do?

When planning to work in our network areas, please observe the following points:

1. You must contact us before starting any work activity within **3.0m** of a gas valve identified on our maps.
2. If an unexpected gas valve is exposed you must immediately stop excavation works and report this to us.
3. To protect yourself against the risks associated with exposing a valve, we advise that you contact us when in doubt.

Contact details

If you require further information or need assistance please contact us:

Safety Admin Team: **0800 912 1722**
plantlocation@sgn.co.uk

Valve enquiries will be forwarded to a local engineer who will provide further safety information.

Clean and Waste Water

Asset Location Search

Property Searches

IPlant Contracting Ltd
D AND B TRAINING LTD, PROGRESS
ST HELENS
WA12 0BS

Search address supplied

79 Drakefell Road
79
Drakefell Road
London
SE4 2DS

Your reference 79 Drakefell Road

Our reference ALS/ALS Standard/2025_5134588

Search date 13 March 2025

Keeping you up-to-date

We have a new website and email address

Website URL: thameswater.co.uk/propertysearches

Email address: property.searches@thameswater.co.uk

Please do get in contact with us if you have any questions.

Thames Water Utilities Ltd
Property Searches,
Clearwater Court, Vastern Road, Reading RG1 8DB

property.searches@thameswater.co.uk
thameswater.co.uk/propertysearches

0800 009 4540

Asset Location Search

Property Searches

Search address supplied: 79 Drakefell Road, 79, Drakefell Road, London, SE4 2DS

Dear Sir / Madam

An Asset Location Search is recommended when undertaking a site development. It is essential to obtain information on the size and location of clean water and sewerage assets to safeguard against expensive damage and allow cost-effective service design.

The following records were searched in compiling this report: - the map of public sewers & the map of waterworks. Thames Water Utilities Ltd (TWUL) holds all of these.

This search provides maps showing the position and size of Thames Water assets close to the proposed development and also manhole cover and invert levels, where available.

Please note that none of the charges made for this report relate to the provision of Ordnance Survey mapping information. The replies contained in this letter are given following inspection of the public service records available to this company. No responsibility can be accepted for any error or omission in the replies.

You should be aware that the information contained on these plans is current only on the day that the plans are issued. The plans should only be used for the duration of the work that is being carried out at the present time. Under no circumstances should this data be copied or transmitted to parties other than those for whom the current work is being carried out.

Thames Water do update these service plans on a regular basis and failure to observe the above conditions could lead to damage arising to new or diverted services at a later date.

Contact Us

If you have any further queries regarding this enquiry please feel free to contact a member of the team on 0800 009 4540, or use the contact details below:

Thames Water Utilities Ltd
Property Searches
Clearwater Court
Vastern Road
Reading
RG1 8DB

Email: property.searches@thameswater.co.uk
Web: thameswater.co.uk/propertysearches

Asset Location Search

Thames Water Property Searches

Waste Water Services

Please provide a copy extract from the public sewer map.

Enclosed is a map showing the approximate lines of our sewers. Our plans do not show sewer connections from individual properties or any sewers not owned by Thames Water unless specifically annotated otherwise. Records such as "private" pipework are in some cases available from the Building Control Department of the relevant Local Authority. Where the Local Authority does not hold such plans it might be advisable to consult the property deeds for the site or contact neighbouring landowners. The public sewer map relates only to sewerage apparatus of Thames Water Utilities Ltd, it does not disclose details of cables and or communications equipment that may be running through or around such apparatus. The sewer level information contained in this response represents all of the level data available in our existing records. Should you require any further Information, please refer to the relevant section within the 'Further Contacts' page found later in this document.

For your guidance:

- The Company is not generally responsible for rivers, watercourses, ponds, culverts or highway drains. If any of these are shown on the copy extract they are shown for information only.
- Any private sewers or lateral drains which are indicated on the extract of the public sewer map as being subject to an agreement under Section 104 of the Water Industry Act 1991 are not an ‘as constructed’ record. It is recommended these details be checked with the developer.

Clean Water Services

Please provide a copy extract from the public water main map.

Enclosed is a map showing the approximate positions of our water mains and associated apparatus. Please note that records are not kept of the positions of individual domestic supplies.

For your information, there will be a pressure of at least 10m head at the outside stop valve. If you would like to know the static pressure, please contact our Customer

Centre on 0800 316 9800. The Customer Centre can also arrange for a full flow and pressure test to be carried out for a fee.

For your guidance:

- Assets other than vested water mains may be shown on the plan, for information only.
- If an extract of the public water main record is enclosed, this will show known public water mains in the vicinity of the property. It should be possible to estimate the likely length and route of any private water supply pipe connecting the property to the public water network.

Further contacts:

Waste Water queries

Should you require verification of the invert levels of public sewers, by site measurement, you will need to approach the relevant Thames Water Area Network Office for permission to lift the appropriate covers. This permission will usually involve you completing a TWOSA form. You can do this by emailing customer.feedback@thameswater.co.uk with the email subject header 'Enquiry – TWOSA', along with details of the request.

If you have any questions regarding sewer connections, budget estimates, diversions or building over issues please direct them to our service desk which can be contacted by writing to:

Developer Services (Waste Water)
Thames Water
Clearwater Court
Vastern Road
Reading
RG1 8DB

Tel: 0800 009 3921
Email: developer.services@thameswater.co.uk

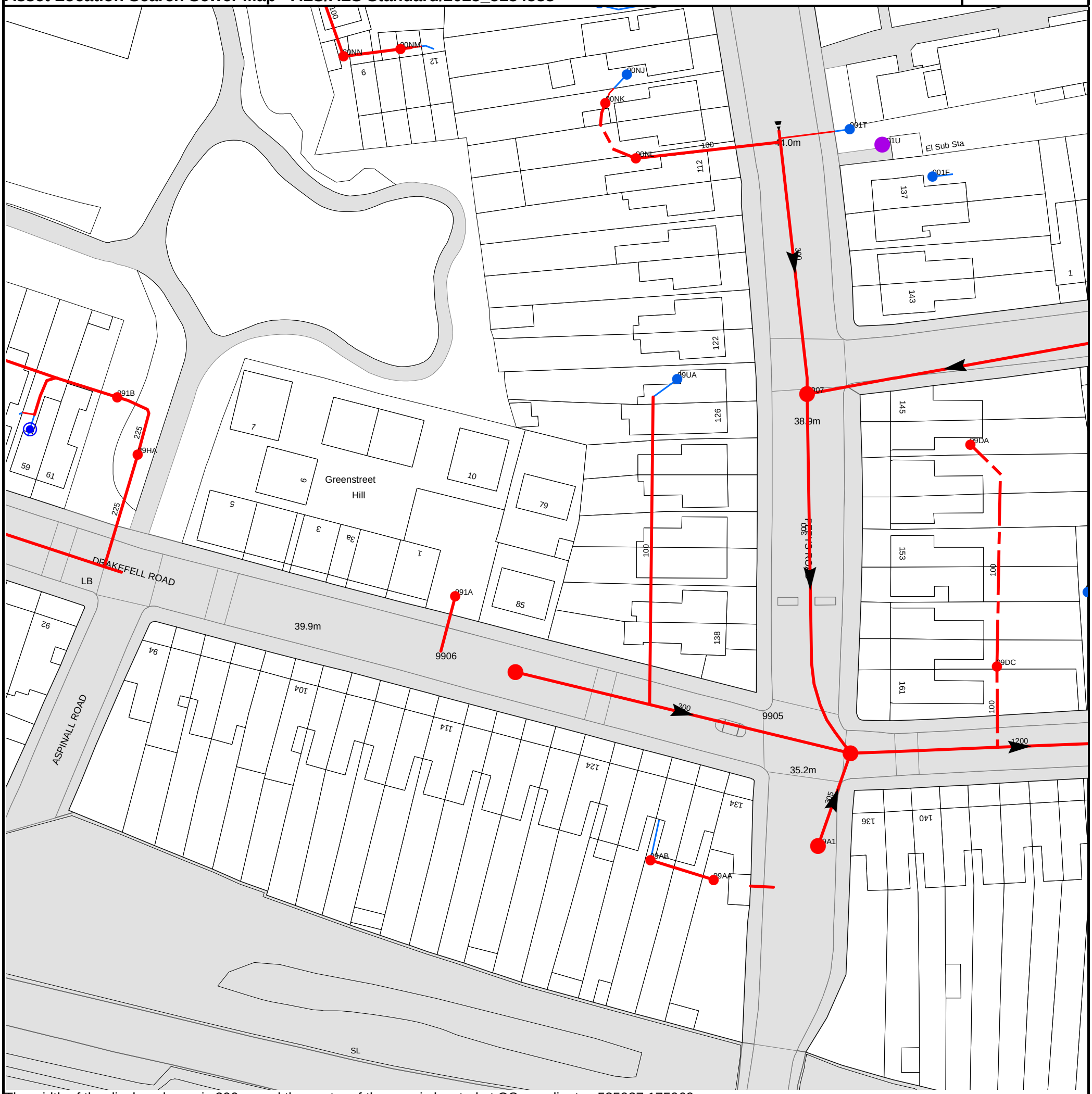
Clean Water queries

Should you require any advice concerning clean water connections, please contact:

Developer Services (Clean Water)
Thames Water
Clearwater Court
Vastern Road
Reading
RG1 8DB

Tel: 0800 009 3921
Email: developer.services@thameswater.co.uk

Asset Location Search Sewer Map - ALS/ALS Standard/2025_5134588



The width of the displayed area is 200 m and the centre of the map is located at OS coordinates 535937,175969

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

Based on the Ordnance Survey Map (2024) with the Sanction of the controller of H.M. Stationery Office, License no. AC0000849556 Crown Copyright Reserved.

NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

Manhole Reference	Manhole Cover Level	Manhole Invert Level
89HA	1.7	n/a
80NN	n/a	n/a
90NM	n/a	n/a
991A	n/a	n/a
90NG	n/a	n/a
90NK	n/a	n/a
90NJ	n/a	n/a
90NL	n/a	n/a
99UA	n/a	n/a
9907	38.76	34.23
901T	n/a	n/a
901U	n/a	n/a
001F	n/a	n/a
09DA	n/a	n/a
09DC	n/a	n/a
09UA	n/a	n/a
891B	n/a	n/a
9906	37.3	n/a
99AB	n/a	n/a
99AA	n/a	n/a
99A1	n/a	n/a
9905	34.06	29.82

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

Asset Location Search - Sewer Key

Public Sewer Types (Operated and maintained by Thames Water)

Foul Sewer: A sewer designed to convey waste water from domestic and industrial sources to a treatment works.

Surface Water Sewer: A sewer designed to convey surface water (e.g. rain water from roofs, yards and car parks) to rivers or watercourses.

Combined Sewer: A sewer designed to convey both waste water and surface water from domestic and industrial sources to a treatment works.

- Storm Sewer
- Sludge Sewer
- Foul Trunk Sewer
- Surface Trunk Sewer
- Combined Trunk Sewer
- Foul Rising Main
- Surface Water Rising Main
- Combined Rising Main
- Vacuum
- Thames Water Proposed
- Vent Pipe
- Gallery

Other Sewer Types (Not operated and maintained by Thames Water)

- Sewer
- Culverted Watercourse
- Proposed
- Decommissioned Sewer
- Content of this drainage network is currently unknown
- Ownership of this drainage network is currently unknown

Sewer Fittings

A feature in a sewer that does not affect the flow in the pipe. Example: a vent is a fitting as the function of a vent is to release excess gas.

- Air Valve
- Meter
- Dam Chase
- Vent
- Fitting

Operational Controls

A feature in a sewer that changes or divects the flow in the sewer. Example: A hydrobrake limits the flow passing downstream.

- Ancillary
- Drop Pipe
- Control Valve
- Weir

End Items

End symbols appear at the start or end of a sewer pipe. Examples: an Undefined End at the start of a sewer indicates that Thames Water has no knowledge of the position of the sewer upstream of that symbol. Outfall on a surface water sewer indicates that the pipe discharges into a stream or river.

- Inlet
- Outfall
- Undefined End

Other Symbols

Symbols used on maps which do not fall under other general categories.

- Change of Characteristic Indicator
- Public / Private Pumping Station
- Invert Level
- Summit

Areas

Lines denoting areas of underground surveys, etc.

- Agreement
- Chamber
- Operational Site

Ducts or Crossings

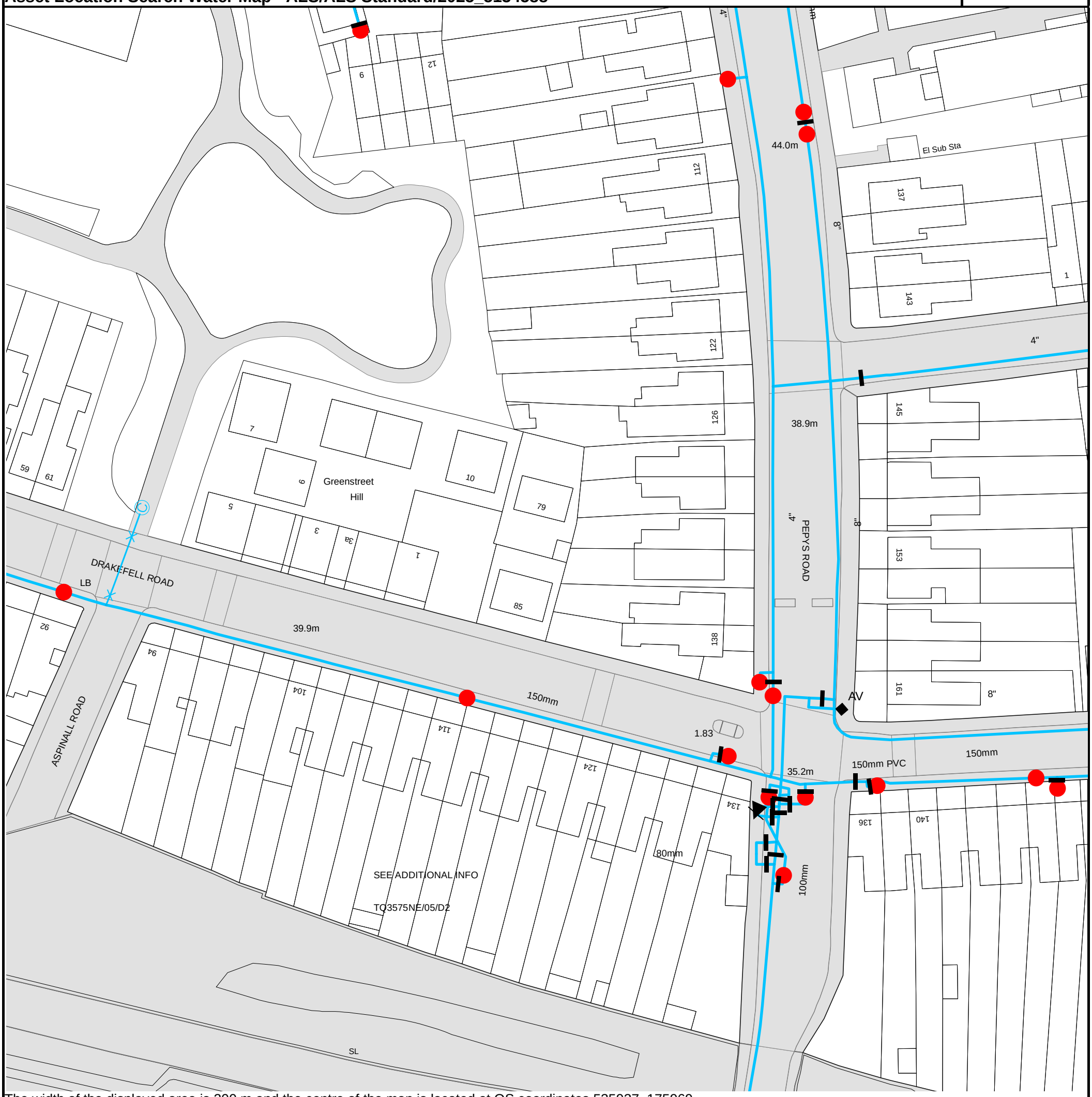
- Casement — Ducts may contain high voltage cables. Please check with Thames Water.
- Conduit Bridge
- Subway
- Tunnel

Notes:

1) All levels associated with the plans are to Ordnance Datum Newlyn.
2) All measurements on the plan are metric.
3) Arrows (on gravity fed sewers) or flecks (on rising mains) indicate the direction of flow.
4) Most private pipes are not shown on our plans, as in the past, this information has not been recorded.
5) 'na' or '0' on a manhole indicates that data is unavailable.
6) The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimeters. Text next to a manhole indicates the manhole reference number and should not be taken as a measurement.

If you are unsure about any text or symbology, please contact Property Searches on 0800 009 4540.

Asset Location Search Water Map - ALS/ALS Standard/2025_5134588



The width of the displayed area is 200 m and the centre of the map is located at OS coordinates 535937, 175969.

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

Based on the Ordnance Survey Map (2024) with the Sanction of the controller of H.M. Stationery Office, License no. AC0000849556 Crown Copyright Reserved.

Asset Location Search - Water Key

Water Pipes (Operated & Maintained by Thames Water)

4"

Distribution Main: The most common pipe shown on water maps. With few exceptions, domestic connections are only made to distribution mains.

16"

Trunk Main: A main carrying water from a source of supply to a treatment plant or reservoir, or from one treatment plant or reservoir to another. Also a main transferring water in bulk to smaller water mains used for supplying individual customers.

3" SUPPLY

Supply Main: A supply main indicates that the water main is used as a supply for a single property or group of properties.

3" FIRE

Fire Main: Where a pipe is used as a fire supply, the word FIRE will be displayed along the pipe.

3" METERED

Metered Pipe: A metered main indicates that the pipe in question supplies water for a single property or group of properties and that quantity of water passing through the pipe is metered even though there may be no meter symbol shown.

Transmission Tunnel: A very large diameter water pipe. Most tunnels are buried very deep underground. These pipes are not expected to affect the structural integrity of buildings shown on the map provided.

Proposed Main: A main that is still in the planning stages or in the process of being laid. More details of the proposed main and its reference number are generally included near the main.

Valves

- General Purpose Valve
- Air Valve
- Pressure Control Valve
- Customer Valve

Hydrants

- Single Hydrant

Meters

- Meter

End Items

Symbol indicating what happens at the end of a water main.

- Blank Flange
- Capped End
- Emptying Pit
- Undefined End
- Manifold
- Customer Supply
- Fire Supply

Operational Sites

- Booster Station
- Other
- Other (Proposed)
- Pumping Station
- Service Reservoir
- Shaft Inspection
- Treatment Works
- Unknown
- Water Tower

Other Symbols

- Data Logger
- **Casement:** Ducts may contain high voltage cables. Please check with Thames Water.

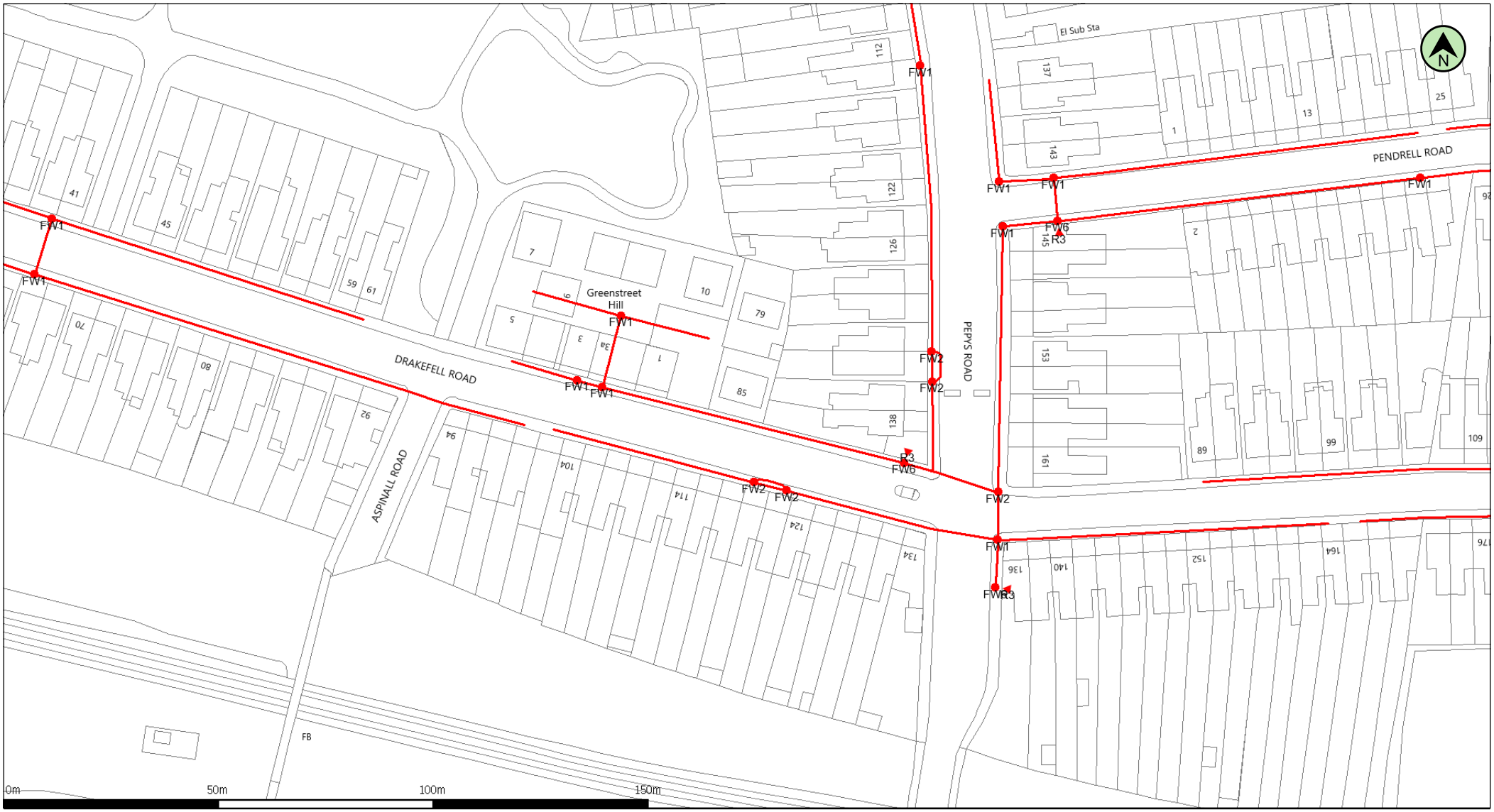
PIPE DIAMETER	DEPTH BELOW GROUND
Up to 300mm (12")	900mm (3')
300mm - 600mm (12" - 24")	1100mm (3' 8")
600mm and bigger (24" plus)	1200mm (4')

Other Water Pipes (Not Operated or Maintained by Thames Water)

Other Water Company Main: Occasionally other water company water pipes may overlap the border of our clean water coverage area. These mains are denoted in purple and in most cases have the owner of the pipe displayed along them.

Private Main: Indiates that the water main in question is not owned by Thames Water. These mains normally have text associated with them indicating the diameter and owner of the pipe.

Virgin Media



(c) Crown copyright and database rights 2025 Ordnance Survey AC0000818557 | Date: 18/03/25 | Scale: 1:1250 | Map Centre: 535933,175956 | Data updated: 03/02/25 | Our Ref: 1719337 - 1 | Telecoms Plan A4 Powered by digdat

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 2025 Ordnance Survey AC0000818557.

Duct, Trench | Chamber | Cabinet

lauren@iplantcontracting.com

Drakefell Road

BT

Maps on Demand 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 newar 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

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KEY TO BT SYMBOLS

	Planned	Live
PCP		
Pole		
Box		
Manhole		
Cabinet		

Change Of State	+	Hatchings	
Split Coupling	×	Built	
Duct Tee	▲	Planned	
Building		Inferred	
Kiosk	K	Duct	

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

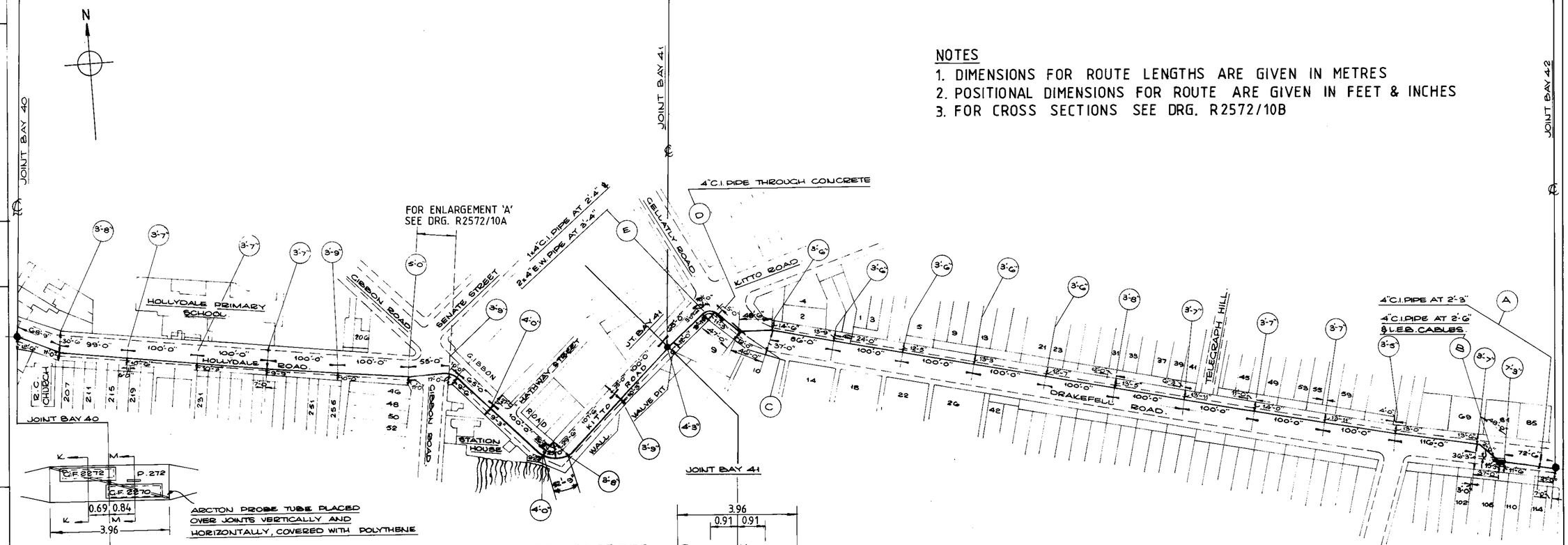
BT Ref : AWA11528U
Map Reference : (centre) TQ3593375956
Easting/Northing : (centre) 535933,175956
Scale : 1:250
Issued : 18/03/2025 11:52:48

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

TFL

R2572/10

3 CORE .60" IN	GF 2272	SECTION 41	319.43	G.F. 2272	SECTION 42	397.46	3 CORE .60" IN.
19 PAIR 7/018	P 272	SECTION 41	319.43	P. 272	SECTION 42	397.46	19 PR. 7/018
3 CORE .60" IN	GF 2270	SECTION 41	319.43	G.F. 2270	SECTION 42	397.46	3 CORE .60" IN.



NOTES
1. DIMENSIONS FOR ROUTE LENGTHS ARE GIVEN IN METRES
2. POSITIONAL DIMENSIONS FOR ROUTE ARE GIVEN IN FEET & INCHES
3. FOR CROSS SECTIONS SEE DRG. R2572/10B

JOINT BAY DETAILS
SCALE 1:96

0	10-12-2002	S.M.

SYSTEMS UPDATE - TITLE WAS "LOTS ROAD - GREENWICH 22KV FEEDER ROUTE GF2272 GF2270 P272 SECTION 41 & 42" DRG. NO. WAS R2530/20 REV.1 NEW TITLE BLOCK ADDED

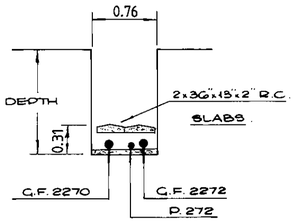
STOCKWELL - GREENWICH 22KV FEEDER ROUTE
GF2270 GF2272 P272
SECTION 41 & 42

REDRAWN: S.M.
CHECKED: [illegible] 28/10/21
APPROVED:
DATE: 10-12-2002
SCALE: 1:1250

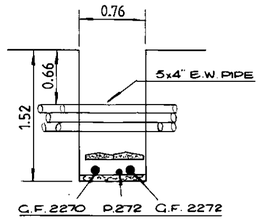
SEEBOARD POWERLINK PROVIDING THE POWER FOR UNDERGROUND
Distribution Network Engineering
Generating Station Cottage
10 Hoskins Street
London SE10 9PB
Tel: 020 - 8293 5548
Fax: 020 - 7918 8611

DRAWING No: R2572/10 REV. 0

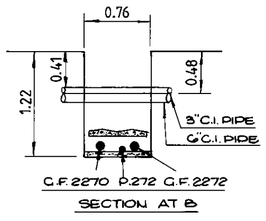
R2572/10A



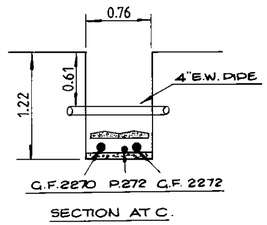
COMMON SECTION



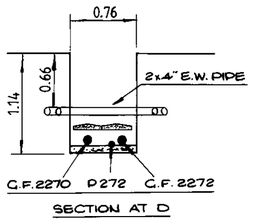
SECTION AT A



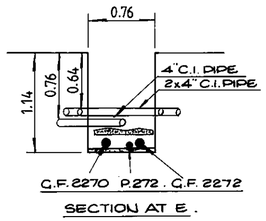
SECTION AT B



SECTION AT C.

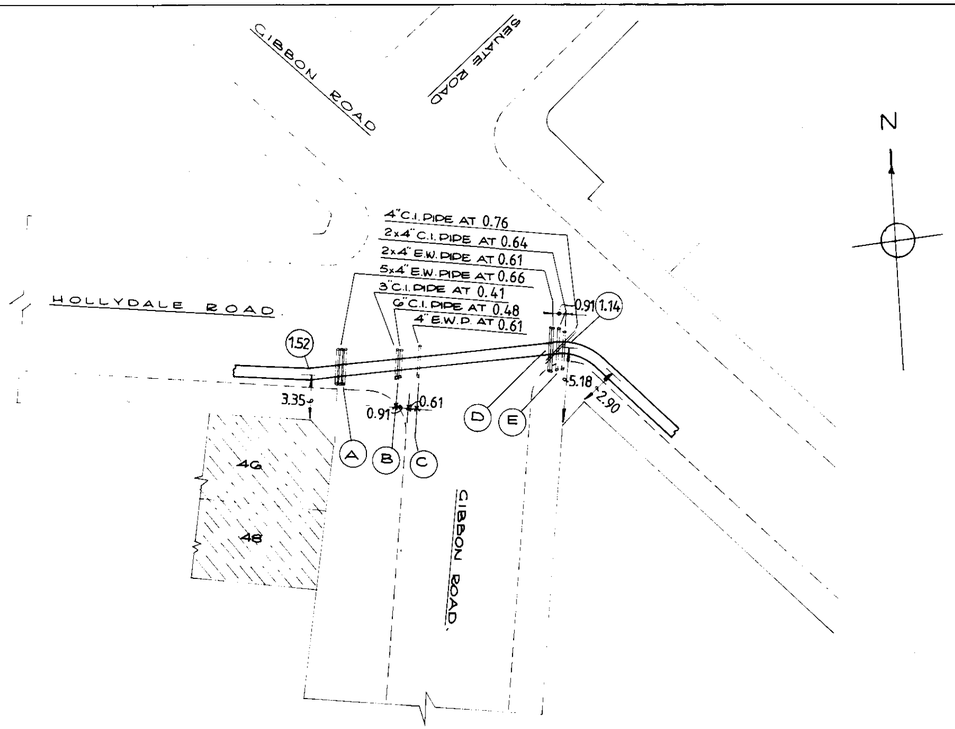


SECTION AT D



SECTION AT E.

SECTIONS – SCALE 1:48



ENLARGEMENT 'A' – SCALE 1:288

NOTES
1. ALL CROSS SECTIONS APPLY TO ENLARGEMENT 'A' ONLY
2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED
3. FOR GEOGRAPHIC DETAILS SEE DRG. R2572/10

0	11-12-2002	S.M.

SYSTEMS UPDATE – TITLE WAS "LOTS ROAD – GREENWICH 22KV FEEDER ROUTE GF2272 GF2270 P272 SECTION 41" DRG. NO. WAS R2530/20A NEW TITLE BLOCK ADDED

ENLARGEMENT 'A' FROM R2572/10

STOCKWELL - GREENWICH 22KV FEEDER ROUTE

GF2270 GF2272 P272

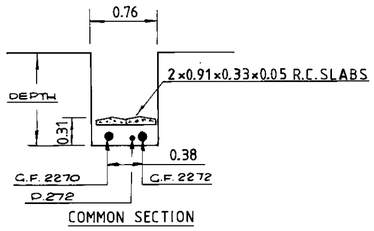
SECTION 41

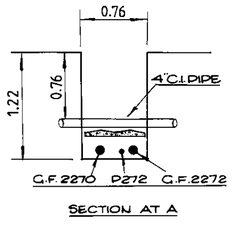
REDRAWN: S.M.
CHECKED: BW. 24/02/04
APPROVED:
DATE: 11-12-2002
SCALE: SEE ABOVE

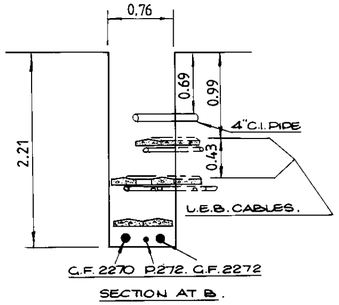
SEEBOARD POWERLINK PROVIDING THE POWER FOR UNDERGROUND
Distribution Network Engineering
Generating Station Cottage
10 Hoskins Street
London SE10 9PB
Tel: 020 - 8293 5548
Fax: 020 - 7918 8611

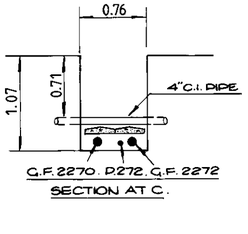
DRAWING No: R2572/10A REV. 0

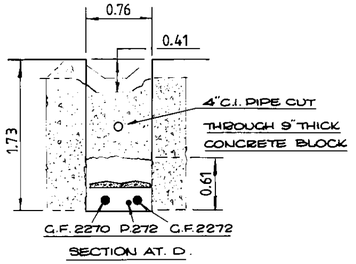
R2572/10B

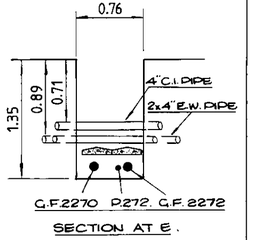


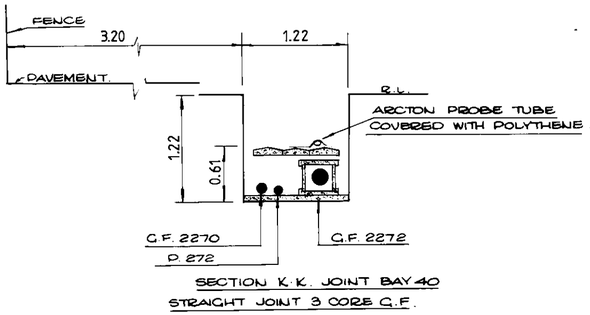


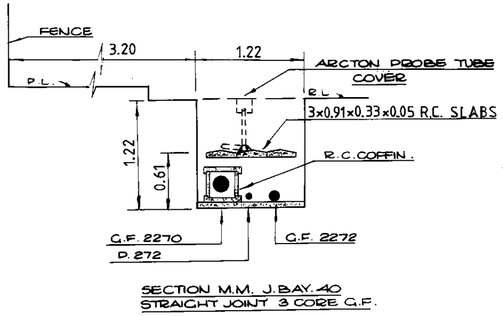


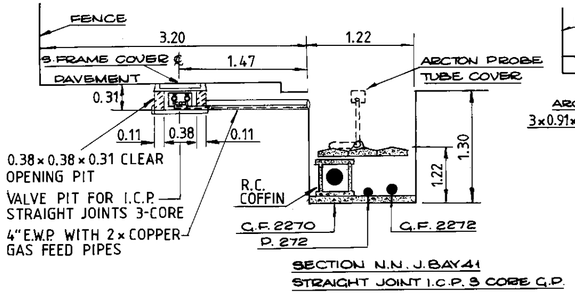


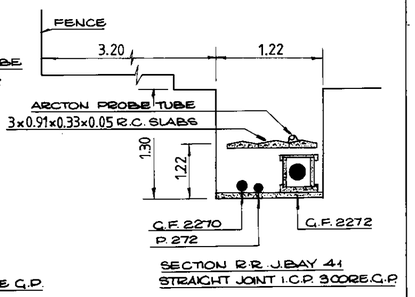












NOTES

1. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED
2. FOR GEOGRAPHIC DETAILS SEE DRG. R2572/10

0	12-12-2002	S.M.

SYSTEMS UPDATE – TITLE WAS "LOTS ROAD – GREENWICH 22KV FEEDER ROUTE GF2272 GF2270 P272 SECTION 41 & 42" DRG. NO. WAS R2530/20B NEW TITLE BLOCK ADDED

STOCKWELL – GREENWICH 22KV FEEDER ROUTE

GF2270 GF2272 P272

SECTION 41 & 42

REDRAWN: S.M.
CHECKED: RW. 29/01/04.
APPROVED:
DATE: 12-12-2002
SCALE: 1:48

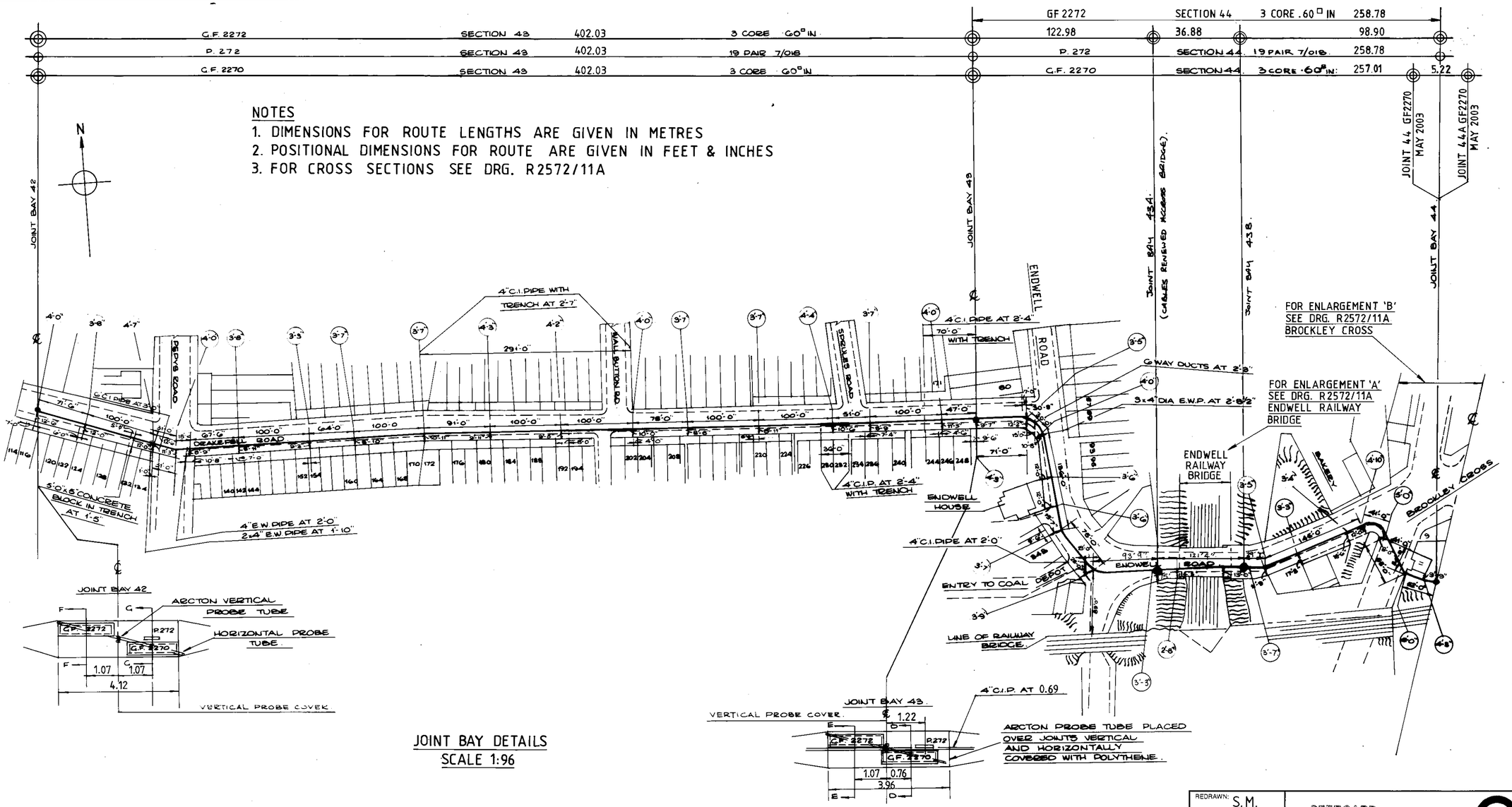
SEEBOARD POWERLINK PROVIDING THE POWER FOR UNDERGROUND
Distribution Network Engineering
Generating Station Cottage
10 Hoskins Street
London SE10 9PB
Tel: 020 - 8293 5548
Fax: 020 - 7918 8611

DRAWING No: R2572/10B REV. 0

R2572/11

G.F. 2272	SECTION 43	402.03	3 CORE .60" IN	GF 2272	SECTION 44	3 CORE .60 □ IN	258.78
				122.98	36.88		98.90
P. 272	SECTION 43	402.03	19 PAIR 7/018	P. 272	SECTION 44	19 PAIR 7/018	258.78
G.F. 2270	SECTION 43	402.03	3 CORE .60" IN	G.F. 2270	SECTION 44	3 CORE .60" IN	257.01
							5.22

NOTES
1. DIMENSIONS FOR ROUTE LENGTHS ARE GIVEN IN METRES
2. POSITIONAL DIMENSIONS FOR ROUTE ARE GIVEN IN FEET & INCHES
3. FOR CROSS SECTIONS SEE DRG. R2572/11A



JOINT BAY DETAILS
SCALE 1:96

0	16-12-2002	S.M.

SYSTEMS UPDATE - TITLE WAS "LOTS RD - GREENWICH 22KV FEEDER ROUTE GF2272 GF2270 P272 SECTION 43 & 44" DRG. NO. WAS R2530/21 REV.2
NEW TITLE BLOCK ADDED. JOINTS ADDED ON GF2270 JOINT BAY 44.

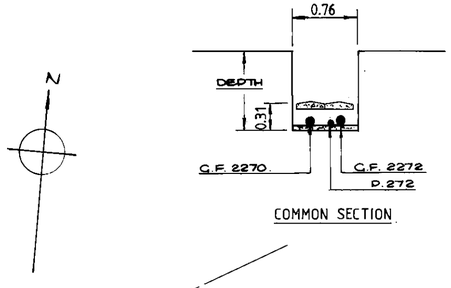
STOCKWELL - GREENWICH 22KV FEEDER ROUTE
GF2270 GF2272 P272
SECTION 43 & 44

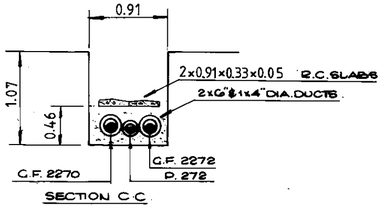
REDRAWN: S.M.
CHECKED: RW. 24/02/04.
APPROVED:
DATE: 16-12-2002
SCALE: 1:1250

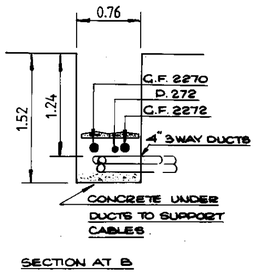
SEEBOARD POWERLINK PROVIDING THE POWER FOR UNDERGROUND
Distribution Network Engineering
Generating Station Cottage
10 Hoskins Street
London SE10 9PB
Tel: 020 - 8293 5548
Fax: 020 - 7918 8611

DRAWING No: R2572/11
REV. 0

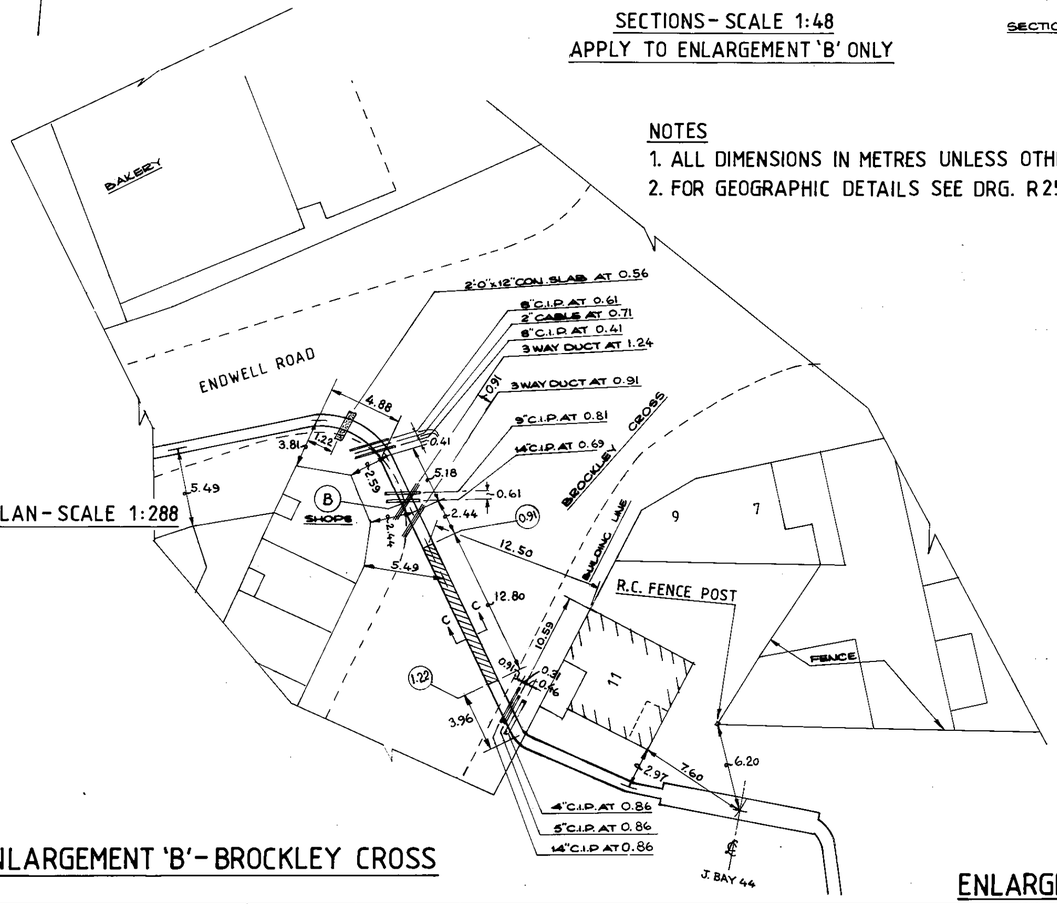
R2572/11A







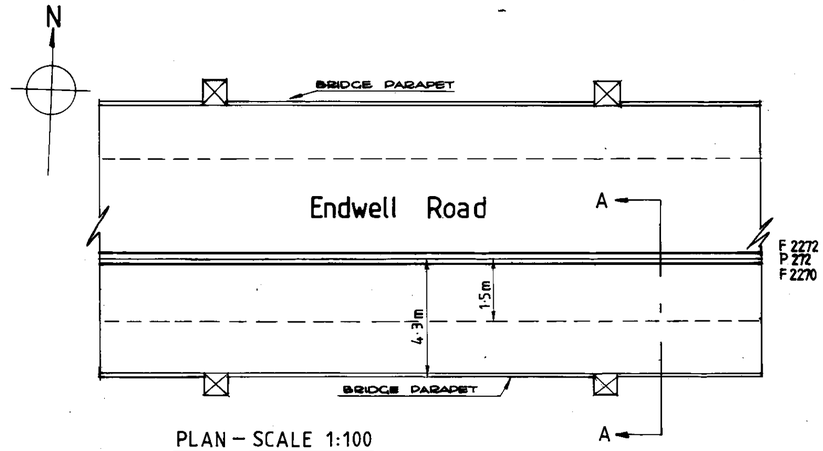
SECTIONS - SCALE 1:48
APPLY TO ENLARGEMENT 'B' ONLY



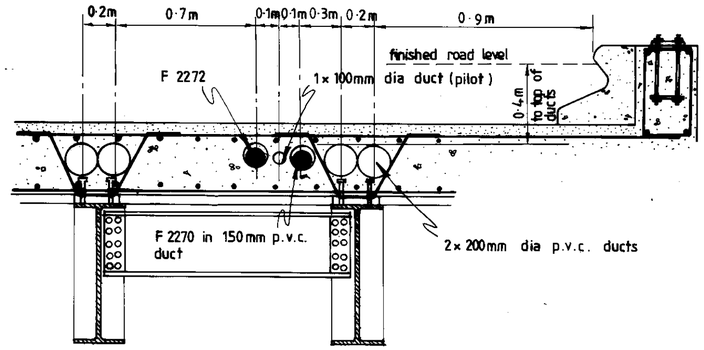
PLAN - SCALE 1:288

NOTES
1. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED
2. FOR GEOGRAPHIC DETAILS SEE DRG. R2572/11

ENLARGEMENT 'B' - BROCKLEY CROSS



PLAN - SCALE 1:100



SECTION A-A - SCALE 1:20
APPLIES TO ENLARGEMENT 'A' ONLY

ENLARGEMENT 'A' - ENDWELL RAILWAY BRIDGE

0	18-12-2002	S.M.

SYSTEMS UPDATE - TITLE WAS "LOTS ROAD - GREENWICH 22KV FEEDER ROUTE GF2270 GF2272 P272 SECTION 44" DRG. NO. WAS R2530/21A REV.1 NEW TITLE BLOCK ADDED

ENLARGEMENTS 'A' & 'B' FROM R2572/11

STOCKWELL - GREENWICH 22KV FEEDER ROUTE

GF2270 GF2272 P272

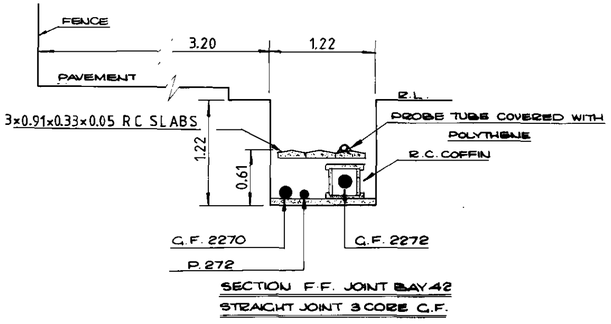
SECTION 44

REDRAWN: S.M.
CHECKED: RW. 24/02/04
APPROVED:
DATE: 17-12-2002
SCALE: SEE ABOVE

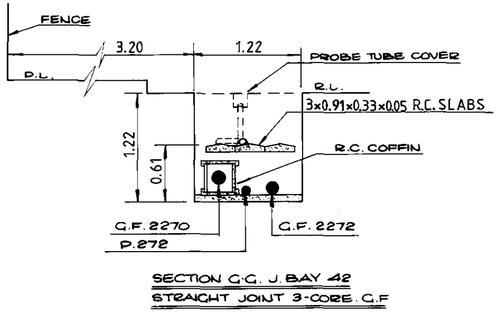
SEEBOARD POWERLINK PROVIDING THE POWER FOR UNDERGROUND
Distribution Network Engineering
Generating Station Cottage
10 Hoskins Street
London SE10 9PB
Tel: 020 - 8293 5548
Fax: 020 - 7918 8611

DRAWING No: R2572/11A REV. 0

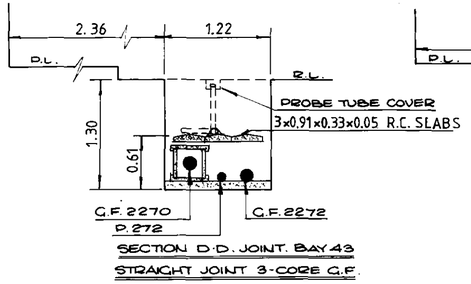
R2572/11B



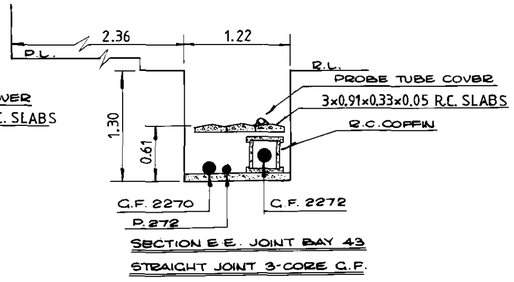
SECTION F·F. JOINT BAY 42
STRAIGHT JOINT 3 CORE C.F.



SECTION G·G. J. BAY 42
STRAIGHT JOINT 3-CORE C.F



SECTION D·D. JOINT. BAY 43
STRAIGHT JOINT 3-CORE C.F



SECTION E E. JOINT BAY 43
STRAIGHT JOINT 3-CORE C.F.

NOTES

1. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED
2. FOR GEOGRAPHIC DETAILS SEE DRG. R 2572/11

0	20-12-2002	S.M.

SYSTEMS UPDATE - TITLE WAS "LOTS ROAD - GREENWICH 22 KV FEEDER ROUTE GF2272 GF2270 P272 SECTION 43 & 44" DRG. NO. WAS R2530/21B NEW TITLE BLOCK ADDED

STOCKWELL - GREENWICH 22KV FEEDER ROUTE

GF2270 GF2272 P272

SECTION 43 & 44

REDRAWN: S.M.
CHECKED: [illegible] 24/02/04
APPROVED:
DATE: 20-12-2002
SCALE: 1:48

SEEBOARD POWERLINK PROVIDING THE POWER FOR UNDERGROUND
Distribution Network Engineering
Generating Station Cottage
10 Hoskins Street
London SE10 9PB
Tel: 020 - 8293 5548
Fax: 020 - 7918 8611

DRAWING No: R2572/11B REV. 0

Linesearch

Enquiry Confirmation

LSBUD Ref: 36622156

Date of enquiry: 13/03/2025
Time of enquiry: 15:22

Enquirer

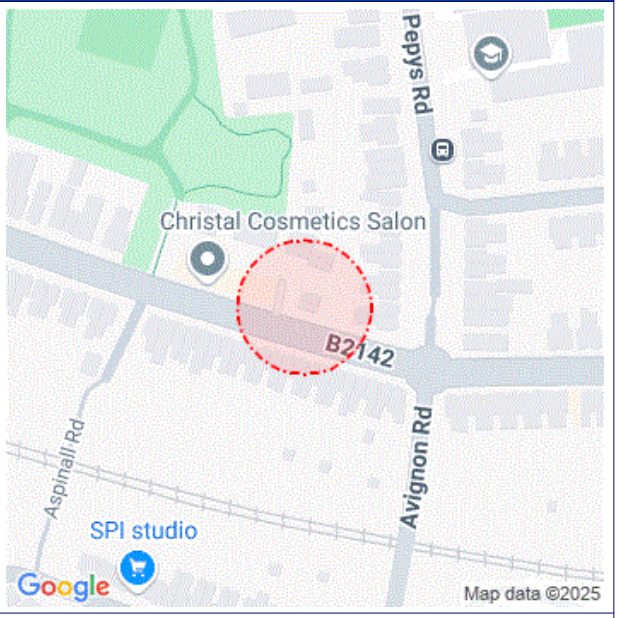
Name	Miss Lauren Hartley	Phone	07923448158
Company	IPlant Contracting	Mobile	Not Supplied
Address	80 Sandy Lane Lowton Warrington Cheshire WA3 1BG		
Email	lauren@iplantcontracting.com		

Enquiry Details

Enquiry type	Initial Enquiry
Work category	Development Projects
Work type	Commercial/industrial
Work type buffer*	75 metres
Start date	14/03/2025
End date	14/03/2025
Scheme/Reference	79 Drakefell Road
Search location	XY= 535933, 175956
Confirmed location	535932 175957
Site size	60 metres diameter
Site Contact Name	Not Supplied
Site Phone No.	Not Supplied
Description of Works	

* 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.)

Do not proceed until all Members listed below have confirmed that your works can continue.

Asset Owner	Phone/Email	Emergency Only	Status
National Grid Electricity Transmission	08000014282	0800404090	Await response
SGN	08009121722	0800111999	Await response
TfL – London Underground HV Cables (Road & Track Side Cables)			Await response
UK Power Networks	08000565866	08000565866	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.

Enquiry Confirmation
LSBUD Ref: 36622156

Date of enquiry: 13/03/2025
Time of enquiry: 15:22

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/linesearchbeforeudig-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 LinesearchbeforeUdig (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.)

AllPoints Fibre	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
Cadent Gas	Cambridge Water	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 Live Pipelines)
Drax Power Limited	EDF Energy Renewables Ltd	EET Fuels
EirGrid	Eleclink Limited	Electricity North West 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
Esso Petroleum Company Limited	euNetworks Fiber UK Ltd	EXA Infrastructure
Exolum Pipeline System	Fulcrum Electricity Assets Limited	Fulcrum Pipelines Limited
G.Network Communication Ltd c/o JSM Group Ltd	Gamma	Gas Networks Ireland (UK)
Gateshead Energy Company	Gigaclear Ltd	Greenlink Interconnector Ltd
Harbour Energy	Heathrow Airport LTD	Humbly Grove Energy
IGas Energy	Impala Terminals Infrastructure Ltd	INEOS FPS Pipelines
INEOS Manufacturing (Scotland and TSEP)	INOVYN ChlorVinyls Limited	INOVYN Enterprises Limited
Intergen (Coryton Energy or Spalding Energy)	Kensa Utilities	Last Mile
Liverpool City Region Connect	Mainline Pipelines Limited	Manchester Jetline Limited
Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited
MUA Group Limited	National Gas Transmission	National Grid Electricity Distribution
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	Shell	Shell NOP

Enquiry Confirmation
LSBUD Ref: 36622156

Date of enquiry: 13/03/2025
Time of enquiry: 15:22

South Staffs Water	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)
toob Limited	Total (Colnbrook) c/o Penspen	Total Finaline Pipelines
Transmission Capital	Trojan Energy Limited	UK Power Distribution
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	Welsh Power
West of Duddon Sands Transmission Ltd	West Sussex OpenNetwork (Cooperative National Infrastructure)	Westminster City Council
Winnington CHP Ltd	Zayo Group UK Ltd c/o JSM Group Ltd	

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
Bring Energy	nrswa@bringenergy.com	0800 130 3600	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
GTC	https://pe.gtc-uk.co.uk/PlantEnqMembership	01359240363	Not Notified
London Underground	IPstreetworks@tfl.gov.uk	07590600358	Not Notified
Lumen Technologies	plantenquiries@ocugroup.com	02087314613	Not Notified
Mobile Broadband Network Limited	mbnl.plant.enquiries@turntown.com	01212 621 100	Not Notified
Network Rail	OPBuriedServicesEnquiries@networkrail.co.uk	01904523401	Not Notified
Sky UK Limited	nrswa@sky.uk	02070323234	Not Notified
Sota	sota.plantenquiries@ocugroup.com		Not Notified
Thames Water	http://www.digdat.co.uk	08450709145	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@atkinsglobal.com	01454662881	Not Notified

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