



# STANDARD DESKTOP UTILITY SURVEY

## OUR REFERENCE

## SEARCH AREA

Leiston Recreation

## CHECKLIST

UTILITY COMPANY	TYPE	AFFECTED YES / NO	NOTES
UKPN	Electric	yes	
Cadent	Gas	yes	
Essex & Suffolk Water	Water	yes	
Anglian Water	Sewer	yes	
BT	Telecom	yes	
Linesearch	Various	yes	

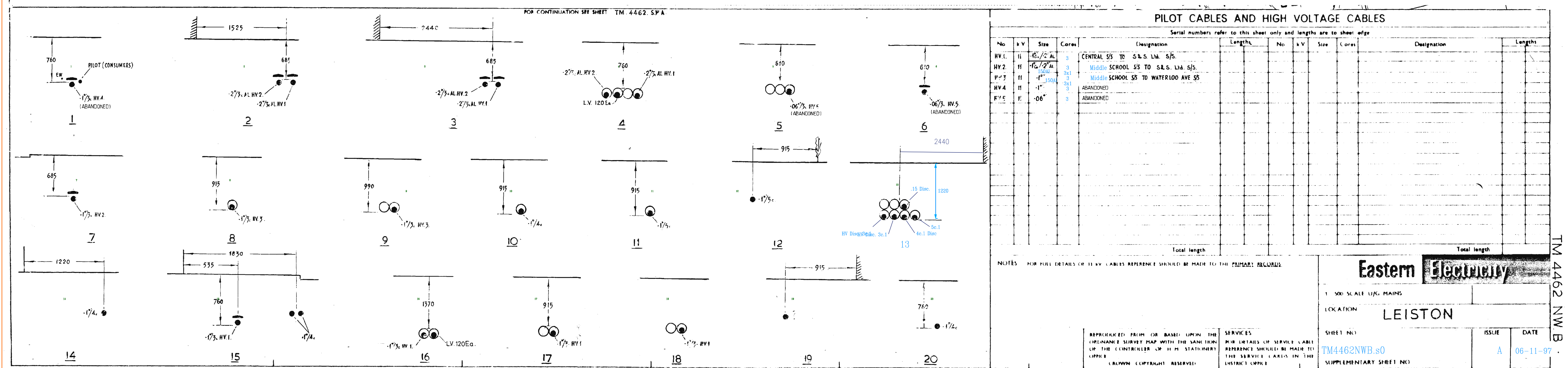
COMPLETED BY	CHECKED BY	DATE ISSUED
Shauna Ross	Heidi Moore	27/10/2021

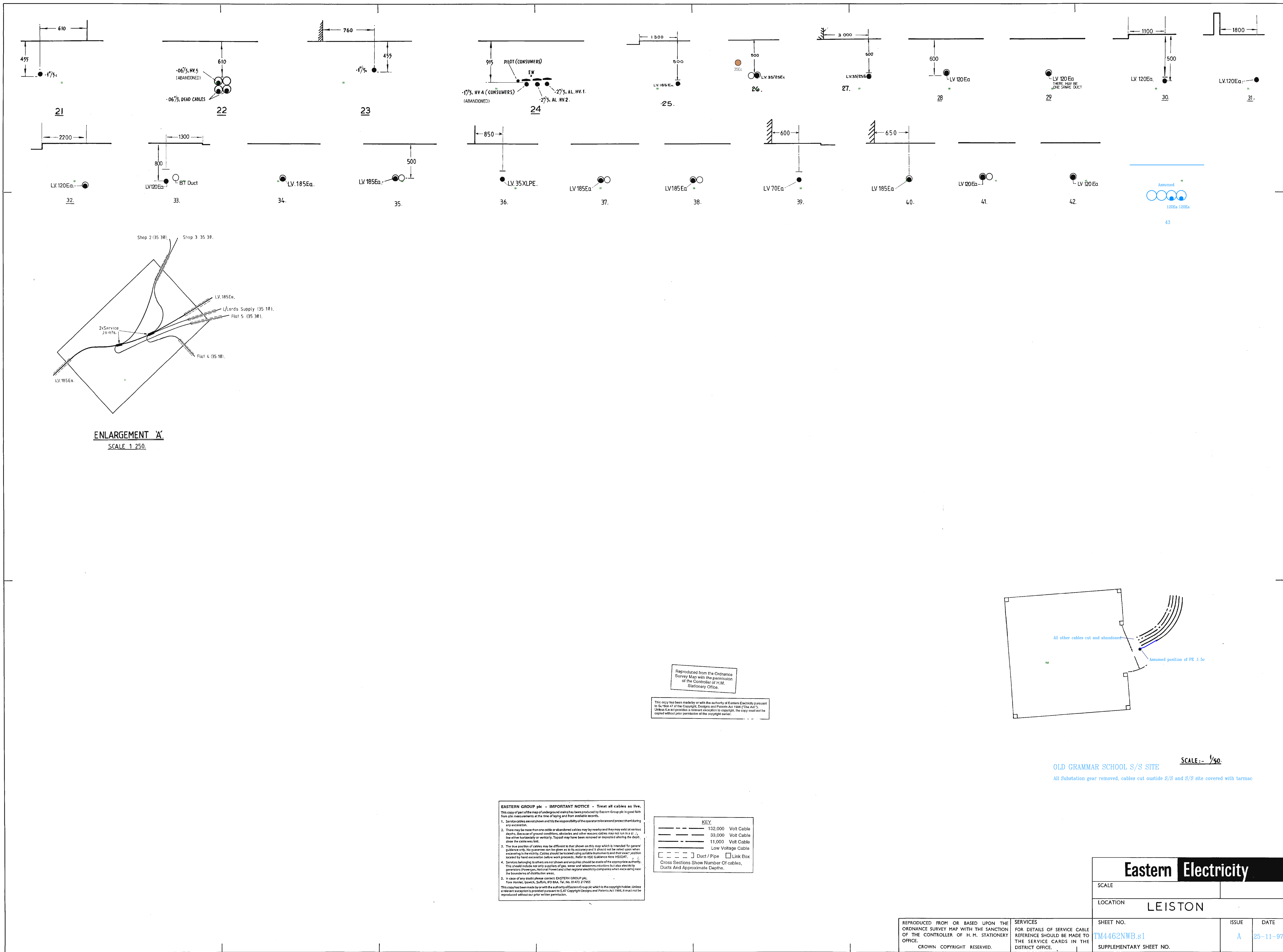


# **AFFECTED RESPONSES**

FOR CONTINUATION OF SF 86-100 TM 4462 NFB

**TM. 4462 NWB.**





TM. 4462 NWB/1



TM 4462 NWB/1

Eastern Electricity			
SCALE			
LOCATION		LEISTON	
SHEET NO.		ISSUE	DATE
TM4462NWB.s1		A	25-11-97
SUPPLEMENTARY SHEET NO.			

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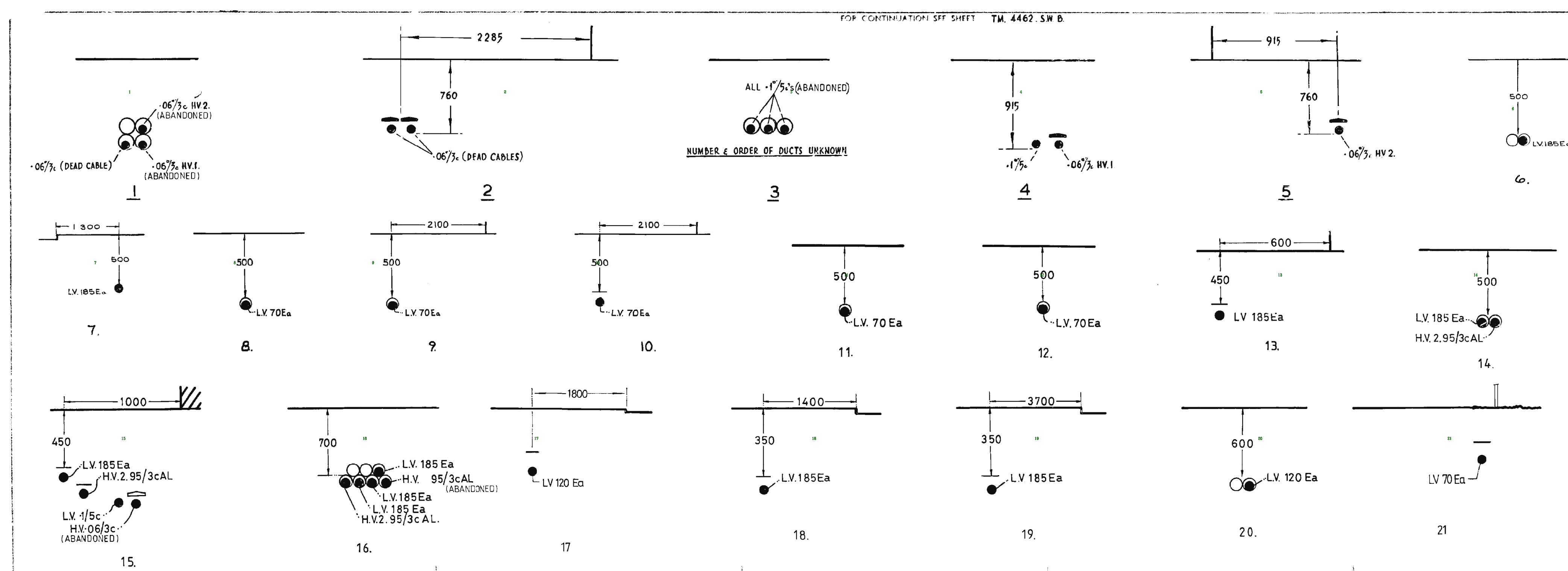


11 - 1955

FOR CONTINUATION SEE SHEET

FOR CONTINUATION SEE SHEET TM 4462. S.E.A.

TN. 4462 SNZ



PILOT CABLES AND HIGH VOLTAGE CABLES

Serial numbers refer to this sheet only and lengths are to sheet edge

No.	kV	Size	Cores	Designation	Length	No.	kV	Size	Cores	Designation	Length
NV 1	II	44, 75 AL	3	LEISTON CENTRAL S-S-PE							
NV 2	II	44, 75 AL	7	" " " " - BEECH WALK S/S							
					Total length						Total length

NOTE: FOR THE EXTENTS OF THESE CABLES, REFERENCE SHOULD BE MADE TO THE PRIMARY RECORDS.

N.B. IT IS KNOWN THAT THE HV CABLE IN FRONT OF NPH CROSS ST. RUNS ON THE NORTH SIDE OF THE LV CABLE, NOT ON THE SOUTH SIDE AS SHOWN ABOVE.

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SERVICE NO.

FOR DETAILS OF SERVICE CABLE  
REFERENCE SHOULD BE MADE TO  
THE SERVICE CABLES IN THE  
DISTRICTS RECORD

SHEET NO.

TM. 4462 SW.A

SUPPLEMENTARY SHEET NO.

ESSIF

a

DATE

6-4-9

Eastern Electricity

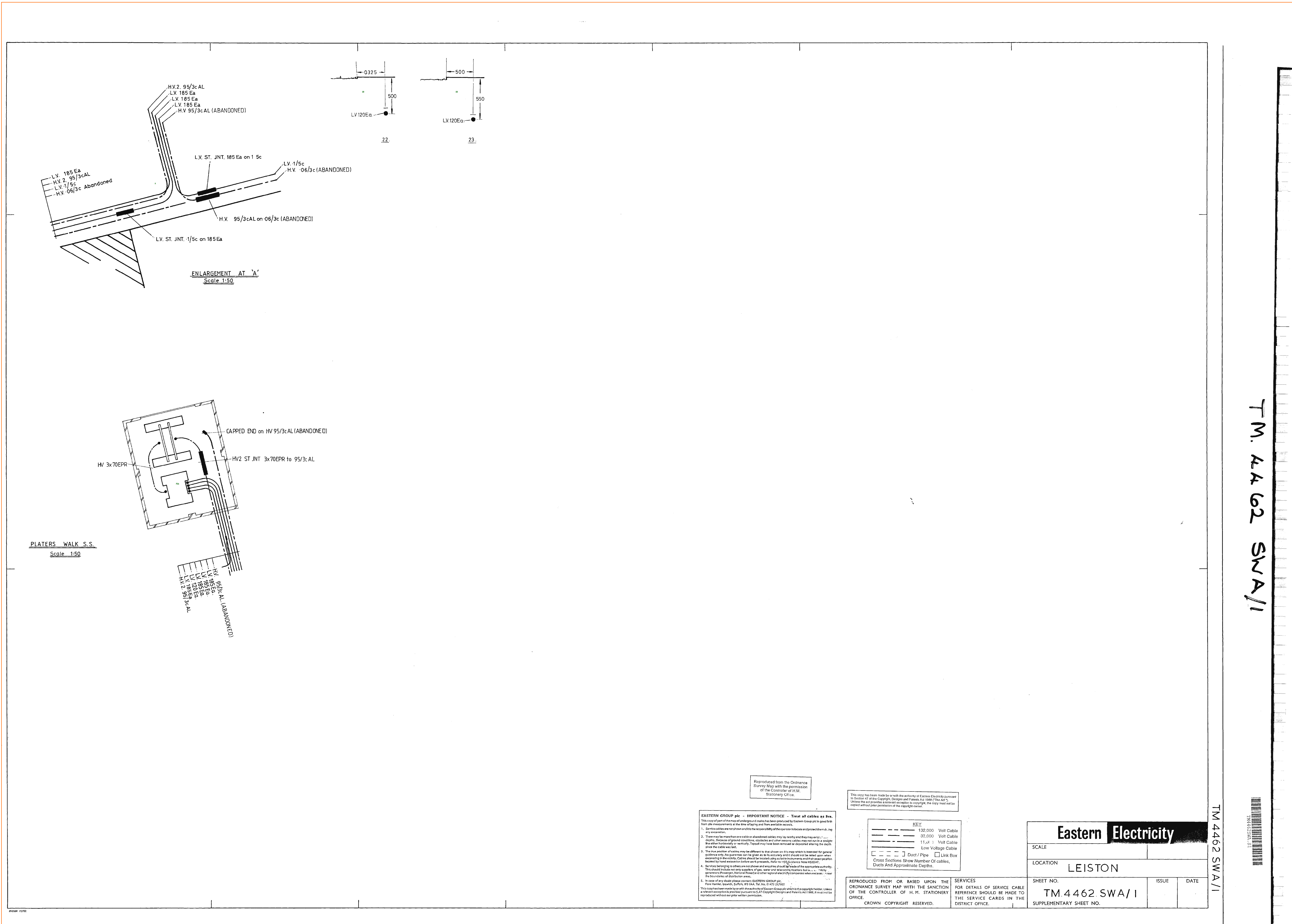
S. 500 SCALE 1/16" MAINS

LOCATION

LEISTON

WM: 40441





TM. 4462 SWA/1

TM 4462 SWA/1



**EASTERN GROUP plc - IMPORTANT NOTICE - Treat all cables as live.**  
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KEY  
132,000 Volt Cable  
35,000 Volt Cable  
11,000 Volt Cable  
Low Voltage Cable  
Duct / Pipe  
Link Box  
Cross Sections Show Number Of cables,  
Ducts And Approximate Depth.

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SERVICES  
FOR DETAILS OF SERVICE CABLE  
REFERENCE SHOULD BE MADE TO  
THE SERVICE CARDS IN THE  
DISTRICT OFFICE.

<b>Eastern Electricity</b>	
SCALE	
LOCATION <b>LEISTON</b>	
SHEET NO. <b>TM 4462 SWA/1</b>	ISSUE <b>DATE</b>
SUPPLEMENTARY SHEET NO.	



# Network Records NetMAP Symbols Booklet - East of England

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.

## Index:-

Page no:	Contents:
1	Guidance notes.
2	The area covered by this guide.
3	<u>1:500 view</u>
4	Scenery.
7	Scenery (UK Power Networks use only).
8	Primary distribution cables (EHV).
9	Secondary distribution cables (HV/LV).
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26	Joints.
26	Substations/pole transformers.



## Guidance notes.

### **Important notice:**

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

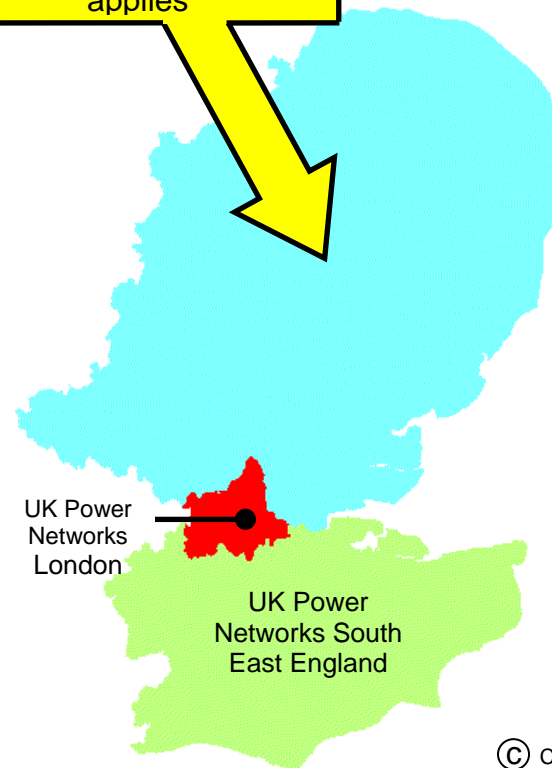
- The position of apparatus shown on NetMAP is believed to be correct, but the original landmarks may have altered since the apparatus was installed.
- It must be assumed that there is at least one service to each property, lamp column, street sign etc.
- All cables must be treated as live, unless proven otherwise by an authorised UK Power Networks representative.
- Third party cables are not usually shown. In cases of doubt, please telephone 08000 565866.
- 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 document.
- All LV cables are assumed to be 4 core, and all HV cables assumed to be 3 core unless otherwise stated.



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

## **The area covered by this guide:**











**UK Power Networks  
East of England.**  
This is the only area  
where this document  
applies










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## 1:500 view - underground network

### 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
		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 UK Power Networks and their immediate contractors)
	Not applicable	High pressure pipelines in the general vicinity (only visible to 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 <a href="http://www.linewatch.co.uk">www.linewatch.co.uk</a> 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 E 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 to UK Power Networks and their immediate contractors)
		Nature - Site of Special and Scientific Interest (SSSI) (only visible to UK Power Networks and their immediate contractors)
section continued on next page		

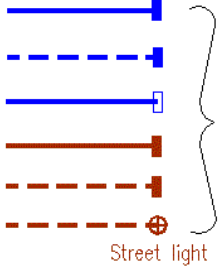
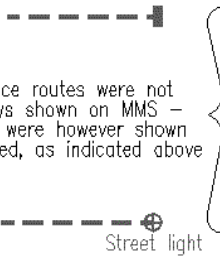
Scenery for UK Power Networks use only - boxed in red		
NetMAP system	Scanned image	Description
	Not applicable	Nature - Local Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Nature Reserve (only visible to UK Power Networks and their 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)

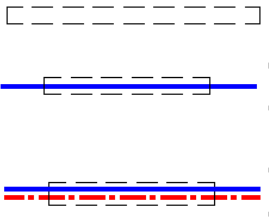
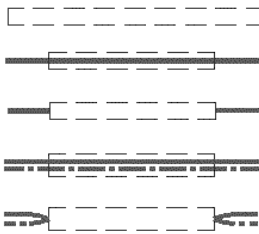
### Primary distribution cables (1:500 view)

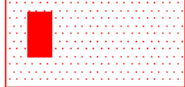






















NetMAP system	Scanned image	Description
		Over 33kV and up to 132kV
		Over 11kV and up to 33kV




### Secondary distribution cables (1:500 view)

NetMAP system	Scanned image	Description
		Over 230/400V and up to 11kV (HV) cable route
		230/400V (LV) cable route
		Pilot cable route
(Only shown this way if independent from HV cable route)		
Abandoned cables are shown and labelled as such when applicable		

Service cables and terminations (1:500 view)		
NetMAP system	Scanned image	Description
	 <p>Service routes were not always shown on MMS – they were however shown dashed, as indicated above</p>	<p>3 phase service with termination</p> <p>3 phase service with termination (unknown route)</p> <p>3 phase service with multi-head termination</p> <p>Single phase service with termination</p> <p>Single phase service with termination (route unknown)</p> <p>Street lighting cable and termination</p>

Cable ducts (1:500 view)		
NetMAP system	Scanned image	Description
		<p>Empty duct</p> <p>Cable(s) in duct(s)</p> <p>Cable(s) in duct(s) (on some raster maps)</p> <p>Multiple cables in ducts</p> <p>Multiple cables in ducts (on some raster maps)</p>

EHV, HV and LV sites (1:500 view)		
NetMAP system	Scanned image	Description
COLCHESTER GRID 	COLCHESTER GRID 	Primary substation
HIGH STREET 	 HIGH STREET  HIGH STREET	Secondary substation
		Pad mounted substation
		Link box – 2 way
		Link box – 4 way (6 way etc shown similarly)
		Feeder pillar – 4 way (6 way etc shown similarly)
CHURCH RD 	CHURCH RD 	Pole transformer
 3	 3	Poles on underground records
		
		H pole, any voltage
		Service turret (solid type)
section continued on next page		

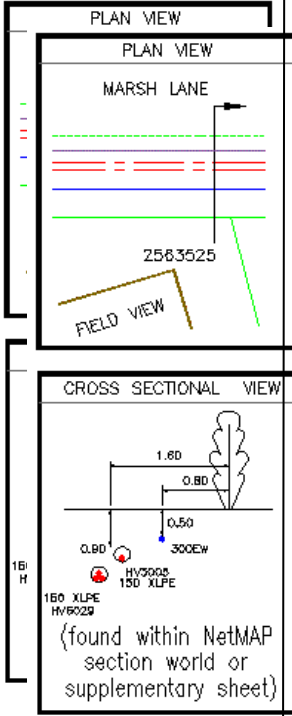
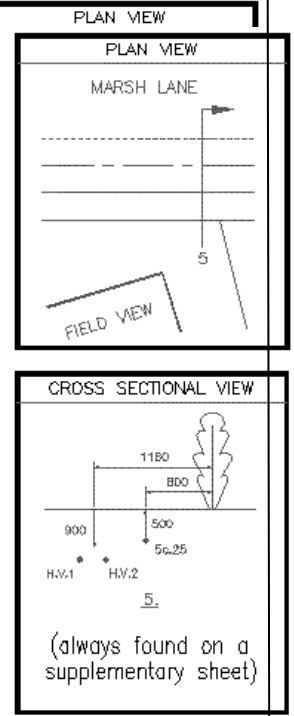
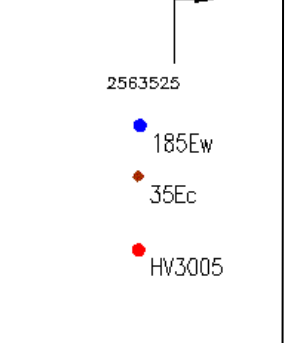
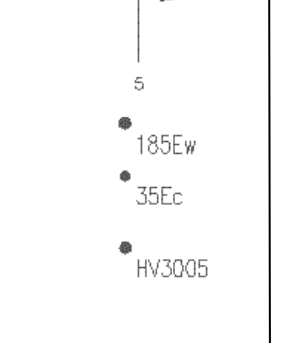
EHV, HV and LV sites continued (1:500 view)		
NetMAP system	Scanned image	Description
No NetMAP equivalent  CAUTION Missing Information	  No equivalent	Service turret (with link facility on LV main)  Missing data in or near this location
Contaminated Land refer to SHE 01 016 	Not applicable	Contaminated land reference

Mains joints (1:500 view)		
NetMAP system	Scanned image	Description
(voltage indicated by colour/line-style)		
		Straight joint
		Crutch joint
		Straight crutch joint
		Pot end
		Pot end – on one of several cables – single line representation
		Branch joint/pot end – (humpty back joint, back to back joint, bull nose joint or stub joint)
		Sleeve repair or repair joint
		Cut end
		Capped end
		Tee joint
	NetMAP/vector only	Sicame joint box

Service joints (1:500 view)		
NetMAP system	Scanned image	Description
Please note that 3 phase services are shown blue, and single phase services are shown brown		
		Straight joint
		Service joint to main
		Pot end





























## Cross sections (1:500 view)

NetMAP system	Scanned image	Description
		<p>Single line representational plan view with NetMAP equivalent (please note the use of separate line for each voltage on the raster/MMS data)</p>
		<p>Section arrow with old/new numbering system – points in direction section is viewed</p> <p>LV/3 phase service cable</p> <p>Single phase service cable with size annotation</p> <p>HV cable – 3 core with route number annotation</p>

section continued on next page

## Cross sections continued (1:500 view)

NetMAP system	Scanned image	Description
		<p>HV3005</p> <p>HV3005</p> <p>HV cable – modern EPR, Plam and Triplex with route number annotation</p>
		<p>Pilot cable</p>
		<p>HV1023</p> <p>HV3005</p> <p>33kV cable</p>
		<p>HV3005</p> <p>HV3005</p> <p>132kV cable</p>
		<p>Single duct</p>
		<p>6 way duct formation – irrespective of duct type and material, all are displayed similarly</p>
		<p>Protective slab</p>
		<p>Tiles</p>
		<p>Concrete slabs</p>
		<p>33kV fibre warning board</p>
		<p>Steel plate</p>
		<p>Plastic tile tape</p>
		<p>Timber</p>

## Common abbreviations and terminology (all views)

Abbrev.	Description	Abbrev.	Description
1c	Single core	Cut out or C/O	Meter/main fuse position
1ph	Single phase	cx	Triplex (copper)
2c	Two core	DE	Direct earth
3c	Three core	DSTA	Double steel tape armoured
3ph	Three phase	Ea	Alpex cable
ABC	Aerial bunched (bundled) conductor (modern LV overhead line)	EFI	Earth fault passage indicator
ABI	Air break isolator (no fuses)	EHV	Extra high voltage (11,001 Volts and over)
ABSD	Air break switch disconnecter	ELCB	Earth leakage circuit breaker
ACCS	Aluminium concentric copper sheathed	ELT	Earth leakage trip
Al	Aluminium	EPR	Ethylene propylene rubber
AR	Auto recloser	Ew	Waveform cable
ASL	Automatic sectionalising links	E/W	Earthenware duct or earth wire
ax	Triplex (aluminium) 2 x 22mm AL PVC (example) Duplex 3 x 22mm AL PVC (example) Triplex	Fdr or Feeder	LV or HV cable fed by or feeding a substation
CB	Circuit breaker	F/G	Fuse gear
c/c	Concentric cores	F/P	Feeder pillar
ccc	Compact covered conductor	GRP	Fibreglass substation
CCT	Circuit	GVR	Gas vacuum recloser or pole mounted circuit breaker
CNE	Combined neutral and earth	HV	High voltage (1,001 – 11,000 Volts incl)
Cross phased	The core colour may be different to originating transformer phasing	HYBRID	Modern plastic cable with mixed conductor material (Al/Cu)
CS	Consac	Insulation	Electrically protective material surrounding a conductor
CSE	Cable sheath earth	Insulator	Porcelain or glass overhead line support (on poles)
Cu	Copper	ITC	Instrument traced cable or ITC - cable traced electronically using Cable Avoidance Tool (CAT) or similar

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## Common abbreviations and terminology continued (all views)

Abbrev.	Description	Abbrev.	Description
Jumper	Connecting lead between open points, section points and overhead plant	PICAS	Paper insulated corrugated aluminium sheath armoured
kV	Kilovolt (or 1,000 Volts) – unit of electrical pressure	PILC	Paper insulated lead covered
kW	Kilowatt (1,000 Watts) – unit of electrical power	PILSTA	Paper insulated lead covered steel tape armoured cable
kVA	Kilovolt Amps or power	PL	Plain lead or public lighting
Link box or LB	Means of connecting LV feeders together using links or fuses	PME	Protected multiple earth or CNE
LSF	Low smoke & fume	PMT	Pole mounted transformer
LV	Low voltage (up to 1,000 Volts incl)	PMR	Pole mounted recloser (generic term for OYT/GVR)
LV Pillar	Low voltage fuse distribution board	PT	Pole transformer
Neutral	Return path of live cable	PVC	Polyvinyl chloride
O/H or OHL	Overhead line	RMU	Ring main unit
OYS	Oil filled pole mounted sectionaliser	RN	Reduced neutral
OYT	Oil filled pole mounted recloser	s/c	Split concentric or single core
PC400	Pole mounted LV fuse unit	S/L	Street light
PE	Pot end or potential end – joint on cable end	S/S	Substation
Phase	Usually the core colour of a cable (caution – may be cross phased) – Red, Yellow, Blue on old cables, or L1, L2, L3 on new cables, for example	STA	Steel tape armoured
		SWA	Steel wire armoured
		T1 or T2 etc	Substation TX setup where more than one TX exists
		T/F or TX	Transformer
		Volts	Unit of electrical pressure
		Watts	Unit of electrical power
		XLPE	Cross linked polyethylene

# 1:2500 & 1:10000 view - overhead networks - for UK Power Networks use only - boxed in red

## General

NetMAP system	Scanned image	Description
		H pole
		Pole

## 1:2500 scale LV network

NetMAP system	Scanned image	Description
No NetMAP equivalent		132kV cable route
No NetMAP equivalent		33/22kV cable route
No NetMAP equivalent		11kV underground cable
		132kV overhead line
		33kV overhead line dots mark pole position
		11kV overhead line – dots mark pole position
		Dual construction – dots mark pole position
		LV overhead line – dots mark pole position
No NetMAP equivalent		LV underground cable
		Pole and stay
		Pole and strut
		Voltage regulator
		Static balancer
		Example of struts and stays
		Flying stay
		Earthed pole in PME system
261	261	Pole number
		Ground type substation
S.P.	S.P.	Section pole
S.L.	S.L.	Street light

section continued on next page

### 1:2500 scale LV network continued

NetMAP system	Scanned image	Description
O.R. Stay	O.R. Stay	Outrigger stay
Ext. Brkt	Ext. Brkt	Extension bracket
P. Box	P. Box	Pole box
N.E.	N.E.	Neutral and earth
O.R. Brkt	O.R. Brkt	Outrigger bracket






### 1:10000 scale HV network

NetMAP system	Scanned image	Description
		132kV overhead line
		33kV overhead line dots mark pole position
		11kV overhead line – dots mark pole position
		11kV overhead line – dual circuit – dots mark pole position
		11kV underground cable and EHV
		Pylon HV or EHV
		Grid line tower
		Stay
		Ground type substation
		Pole type transformer
		Live line taps
		Switchgear – all types
		Fuse gear
		Auto recloser – live line connected












The above circular substation/switchgear symbols may be found that contain different combinations of apparatus (see last example)

## LV network diagram view-for UK Power Networks use only-boxed in red

### Overhead lines





NetMAP system	Description
	Unknown
	Al
	Cu
	ABC
	Pole link

## Underground cables (LV network diagram view)








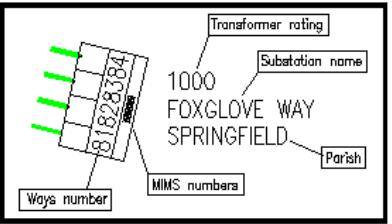
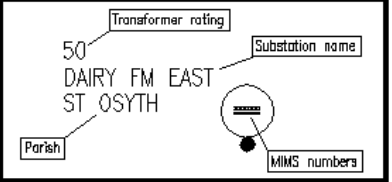



NetMAP system	Description
	Unknown
	Al
	Cu
	CC
	TCC
	Ea
	Ec
	Ecx
	Ew
	LSF
	Other



## Joints (LV network diagram view)

NetMAP system	Description
	Pot end or Sicame Box
	Straight joint
	Crutch joint
	3 phase termination

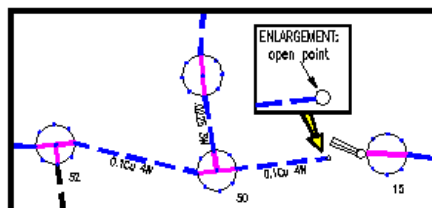
## Substations/pole transformers (LV network diagram view)

NetMAP system	Description
<p>There are many substation combinations – these are merely a sample of configurations that can be found.</p>            	<p>2 way substation</p> <p>4 way substation</p> <p>4 way twin busbar substation</p> <p>10 way back to back substation</p> <p>Pole transformer (normal)</p> <p>Pole transformer 2 way</p> <p>Pole transformer 3 way</p> <p>Substation with rating, name, Parish and MIMS identifying number</p> <p>Pole transformer with rating, name, Parish and MIMS identifying number</p> <p>Intermediate pole</p> <p>Section pole</p> <p>Overhead fuse</p>
section continued on next page	

## Substations/pole transformers cont'd (LV network diagram view)

### NetMAP system

### Description



Overview – the purple lines through the section poles are pole links – these indicate how the network is linked together



2 way link box



3 way link box



4 way link box



4 way double busbar link box



4 way BICC link box



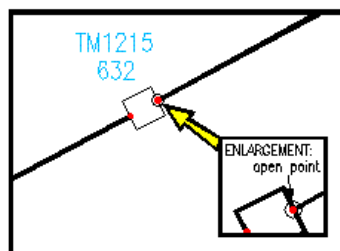
5 way link box



6 way link box



6 way double busbar link box



A two way link box with identification number, connected to a cable with an open point



Feeder pillars – these range from 2 ways through to 9 ways – a 9 way and a 2 way are shown as examples






Be Bright

**Stay Safe**

**Stop!**  
Think before  
you dig!





**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**

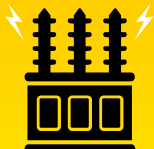
**Be Bright**

**Stay Safe**



**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)



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



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



**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.



**WATCH OUR EXCAVATION  
ANIMATION BY SCANNING  
THE QR CODE WITH YOUR  
PHONE CAMERA.**



# 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



# 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  
[www.ukpowernetworks.co.uk/  
internet/en/safety/](http://www.ukpowernetworks.co.uk/internet/en/safety/)


If you are unsure who your network operator is then please visit  
[www.energynetworks.org](http://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.linesearchbeforeudig.co.uk](http://www.linesearchbeforeudig.co.uk)  
or [www.ukpowernetworks.co.uk](http://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](http://www.ukpowernetworks.co.uk)**

**NATIONAL POWER CUT HELPLINE**

**POWER CUT?  
CALL 105**



**ADD THIS NUMBER TO YOUR  
TELEPHONE CONTACTS LIST**



# 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**

For safety advice about overhead power lines,  
disconnections and general enquiries, go to:  
[www.ukpowernetworks.co.uk](http://www.ukpowernetworks.co.uk)

To request your **FREE** vehicle cab stickers visit  
[www.ukpowernetworks.co.uk/internet/en/safety/](http://www.ukpowernetworks.co.uk/internet/en/safety/)

If you are unsure who your network  
operator is then please visit  
[www.energynetworks.org](http://www.energynetworks.org)

 what3words



Scan the QR code on your  
phone to get the app

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.



**UK  
Power  
Networks**  
Delivering your electricity

Our Ref: 23662924      Your Ref: cen22109

Monday, 25 October 2021

Shauna Ross  
Office 10, Normanton Business Park Ripley Drive  
Normanton  
West Yorkshire  
WF6 1QT

Dear Shauna Ross

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





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



- 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.

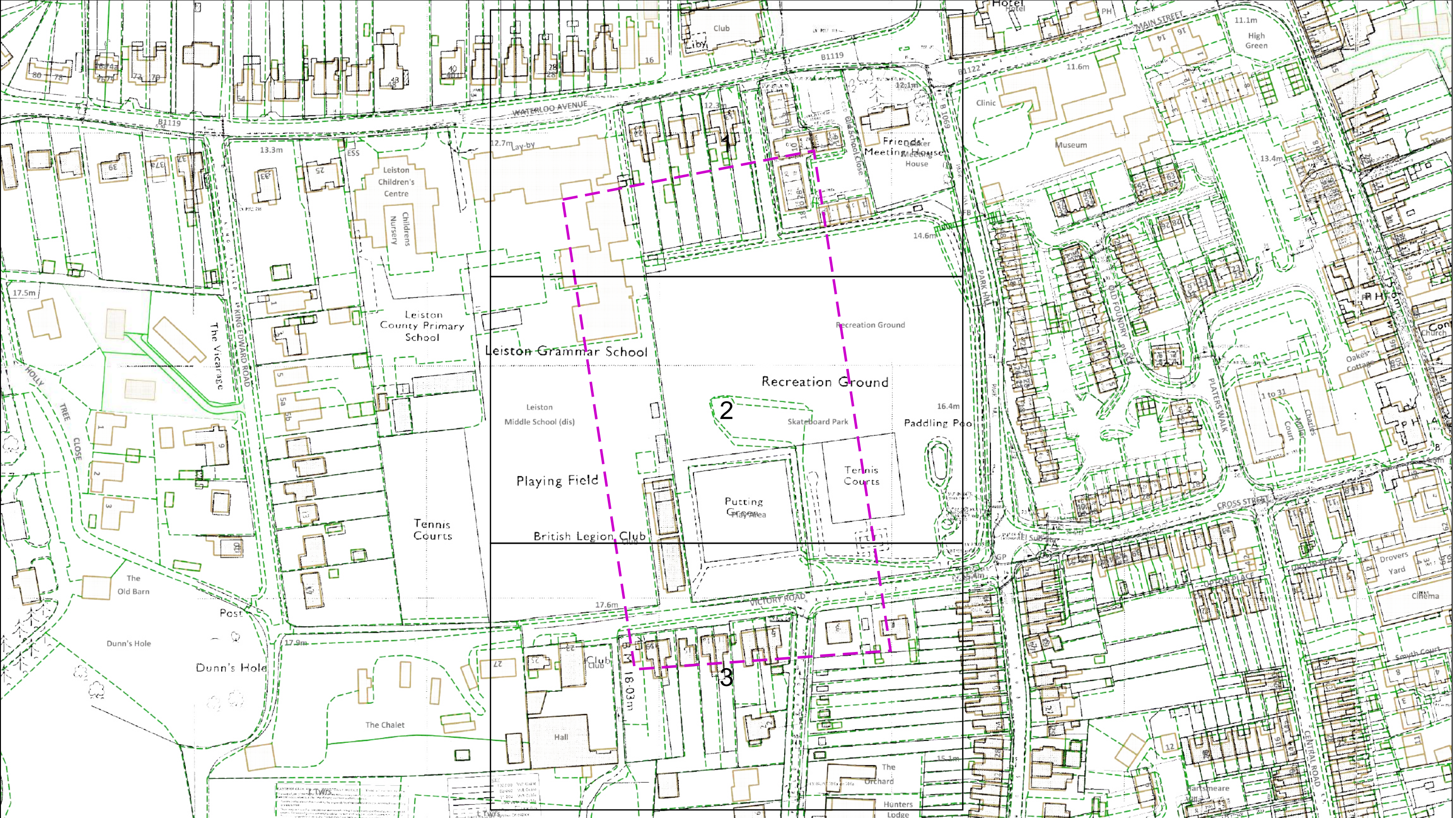
The GS6 Recommendations may be purchased from HSE Books or downloaded from the Energy Networks Association's website.

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.







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

Date Requested: 25/10/2021  
Job Reference: 23662924  
Site Location: 644005 262313  
Requested by:  
Miss Shauna Ross  
Your Scheme/Reference: cen22109

Scale: 1:1537 (When plotted at A3)

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.

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.

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.

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.

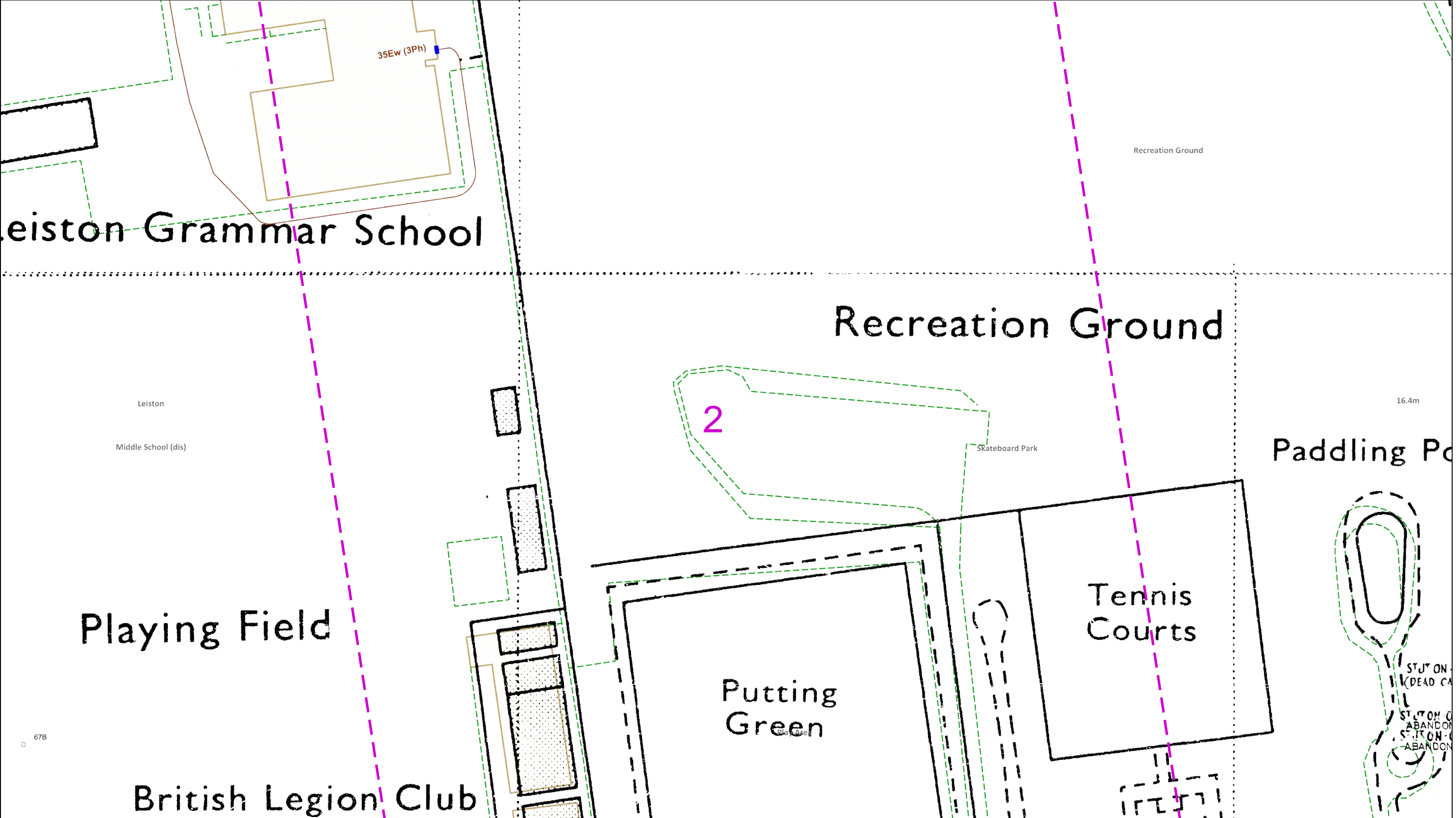
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Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.



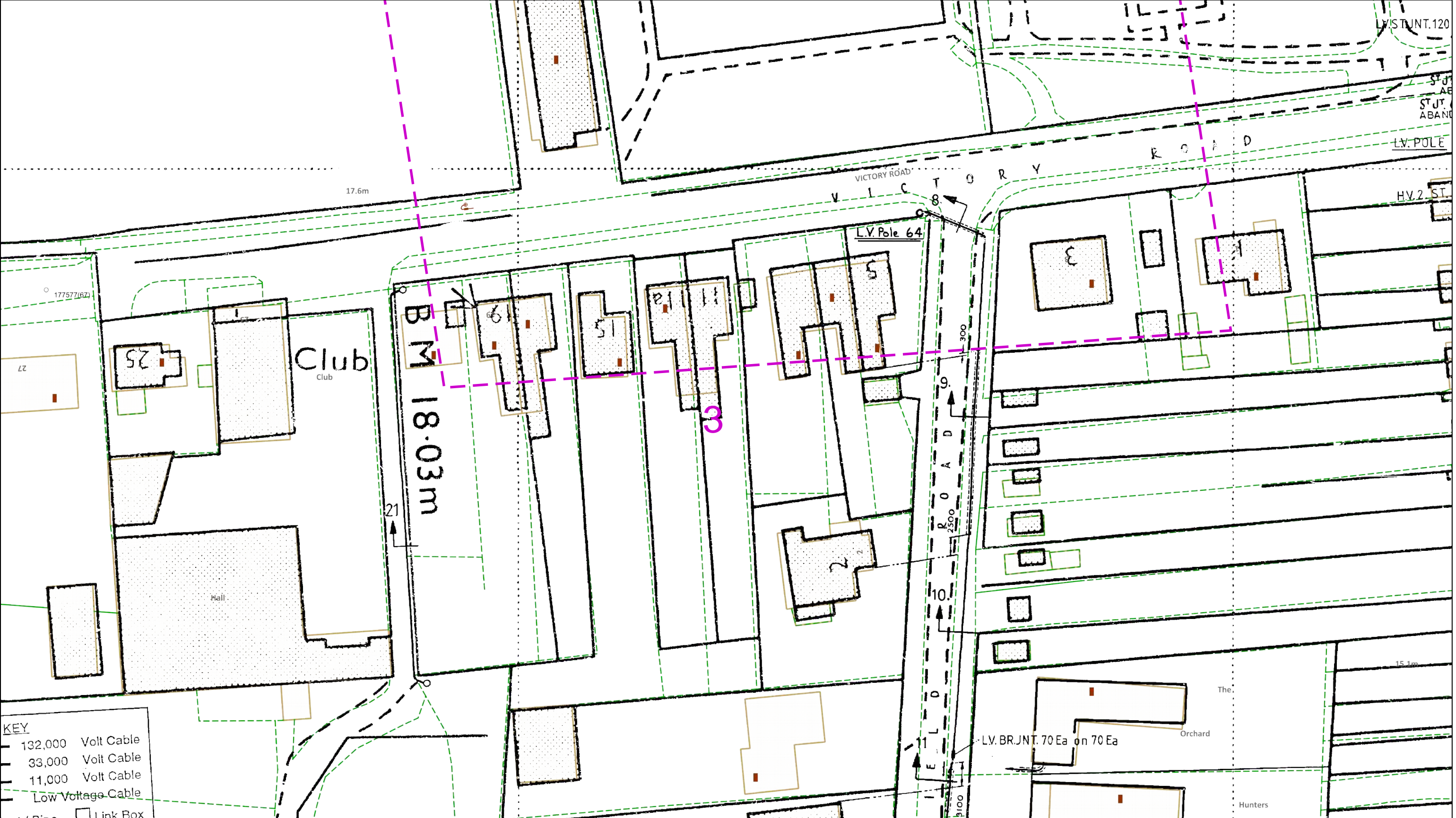






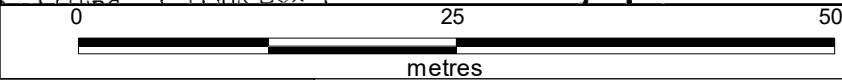
<p>0 25 50 metres</p> <p>Dig Sites Area:  Line: </p> <p>The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.</p>		
<p>This plan must be used with the attached 'Symbols' document.</p> <p>Date Requested: 25/10/2021 Job Reference: 23662924 Site Location: 644005 262313 Requested by: Miss Shauna Ross Your Scheme/Reference: cen22109</p> <p>Scale: 1:500 (When plotted at A3)</p>	<ol style="list-style-type: none"><li>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.</li><li>2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.</li><li>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.</li><li>4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.</li><li>5. All cables must be treated as being live unless proved otherwise by UK Power Networks.</li><li>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.</li><li>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.</li></ol>	<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
<p>Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database rights 2020. All rights reserved. Ordnance Survey Licence numbers 100019626, 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © London Power Networks plc or Eastern Power Networks plc or South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee's distribution licence. All rights in such data reserved.</p> <p>Plans generated by DigSAFE Pro™ software provided by LinesearchbeforeUdig.</p>		<p>IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p> <p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p> <p>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.</p>





**KEY**

- 132,000 Volt Cable
- 33,000 Volt Cable
- 11,000 Volt Cable
- Low Voltage Cable
- Link Box



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: 25/10/2021  
Job Reference: 23662924  
Site Location: 644005 262313  
Requested by: Miss Shauna Ross  
Your Scheme/Reference: cen22109

Scale: 1:500 (When plotted at A3)

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.
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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.


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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 business, loss of use) or any special or consequential loss or damage whatsoever.
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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.

See Supplemental Diagram  
TM4462NWB  
for Cross-Section 13 details

<p>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.</p> <p>2. The exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable hand tools.</p> <p>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.</p> <p>4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.</p> <p>5. All cables must be treated as being live unless proved otherwise by UK Power Networks.</p> <p>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.</p> <p>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.</p>	<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>	<p>IF IN DOUBT - ASK! PHONE 0800 056 5866 EMERGENCY - If you damage a cable or line Phone 0800 783 8838 (24hrs) URGENTLY</p>	<p><b>UK Power Networks</b></p>
			<p>ALWAYS LOOK UP BEFORE YOU START WORK Refer to HSE Guidance note GS6</p>
<p>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.</p>			

# 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:

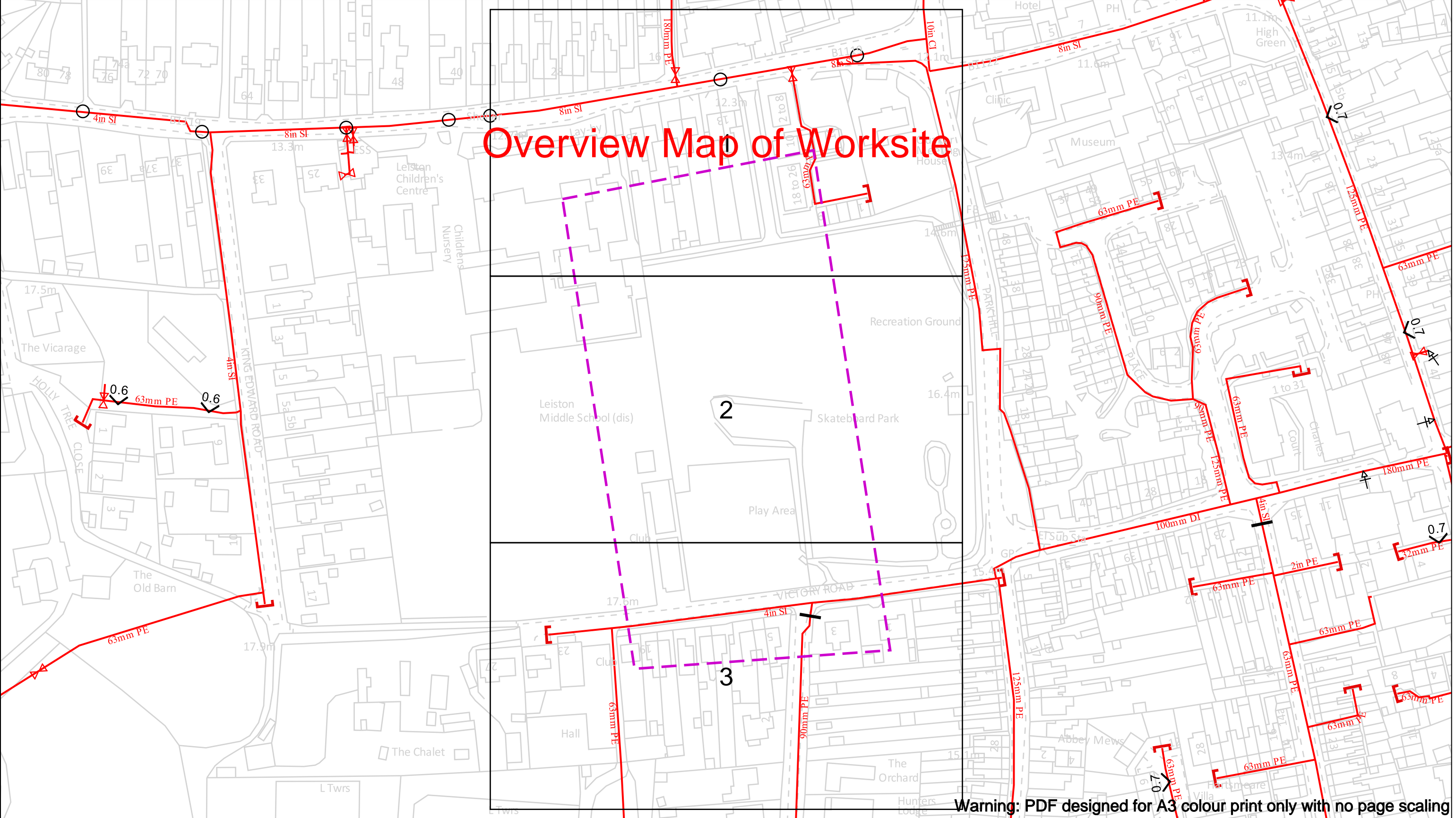
1. Use your phone camera to scan the QR code:
2. Provide feedback on what you have found on site (good or bad)
3. Upload a photo if needed



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

**UK Power Networks, working with LSBUD**





Date Requested: 25/10/2021  
Job Reference: 23662924  
Site Location: 644229 262474  
Requested by:  
Miss Shauna Ross  
Your Scheme/Reference:  
cen22109

Scale: 1:1537 (When plotted at A3)

View extent: 200m, 115m

**IMPORTANT NOTICES**

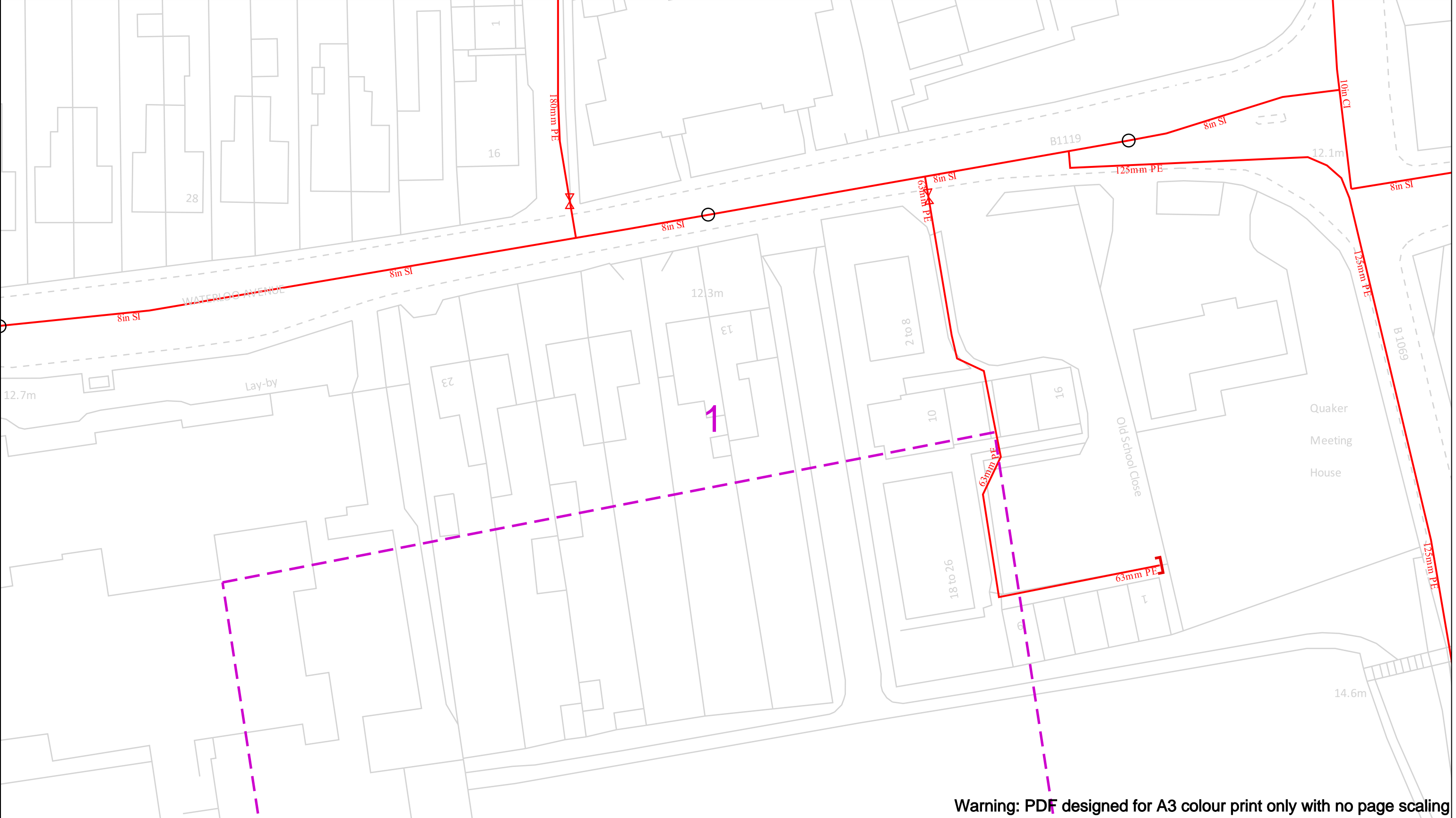
This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

**In case of an emergency call 0800 111 999**

Dig Sites	Area:	Line:			
	LP Mains		Valve		Diameter Change
	MP Mains		Depth of cover		Material Change
	IP Mains		Syphon		Out of Standard Service
	LHP Mains				

**Cadent**  
Your Gas Network

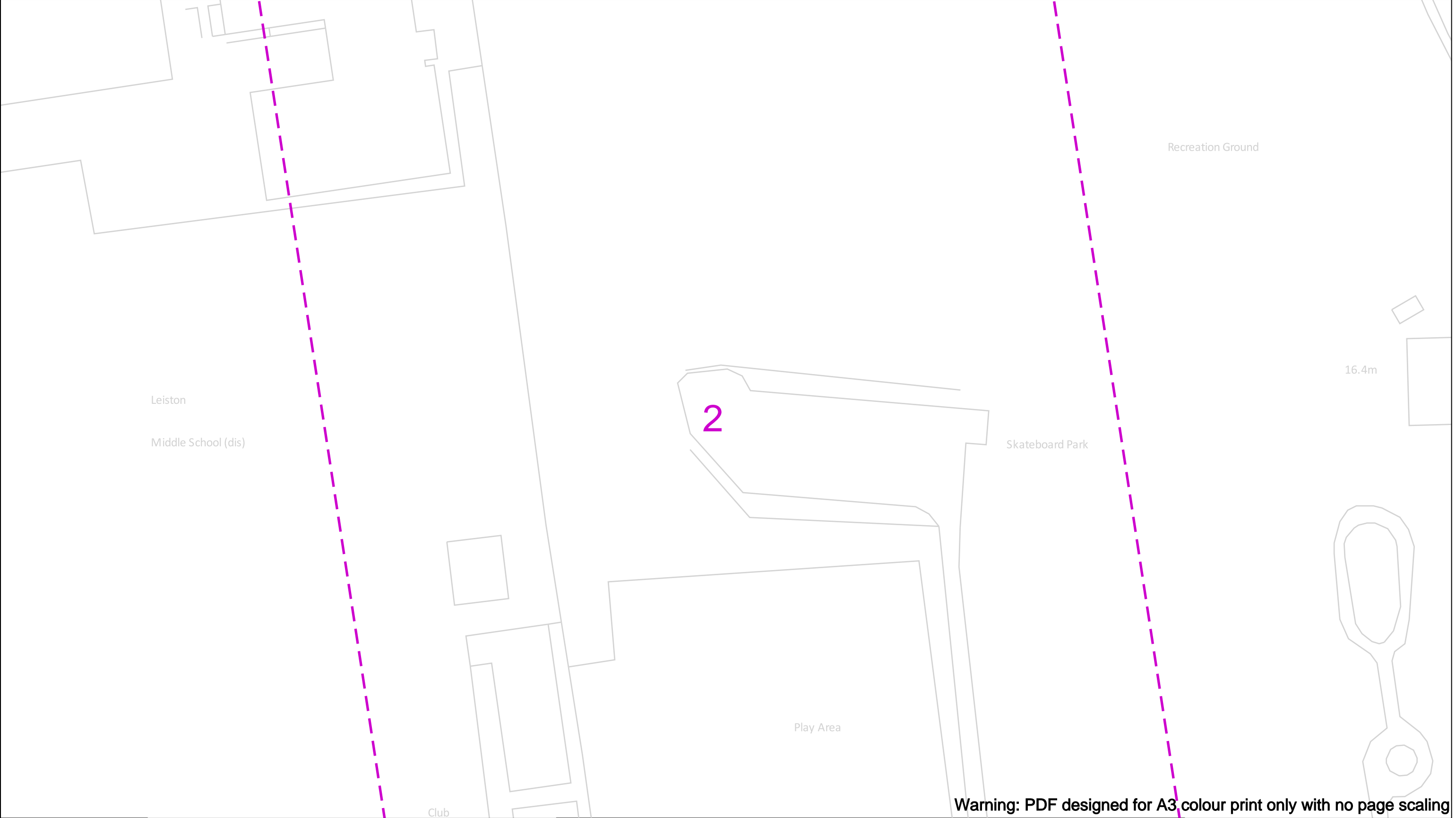
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Warning: PDF designed for A3 colour print only with no page scaling

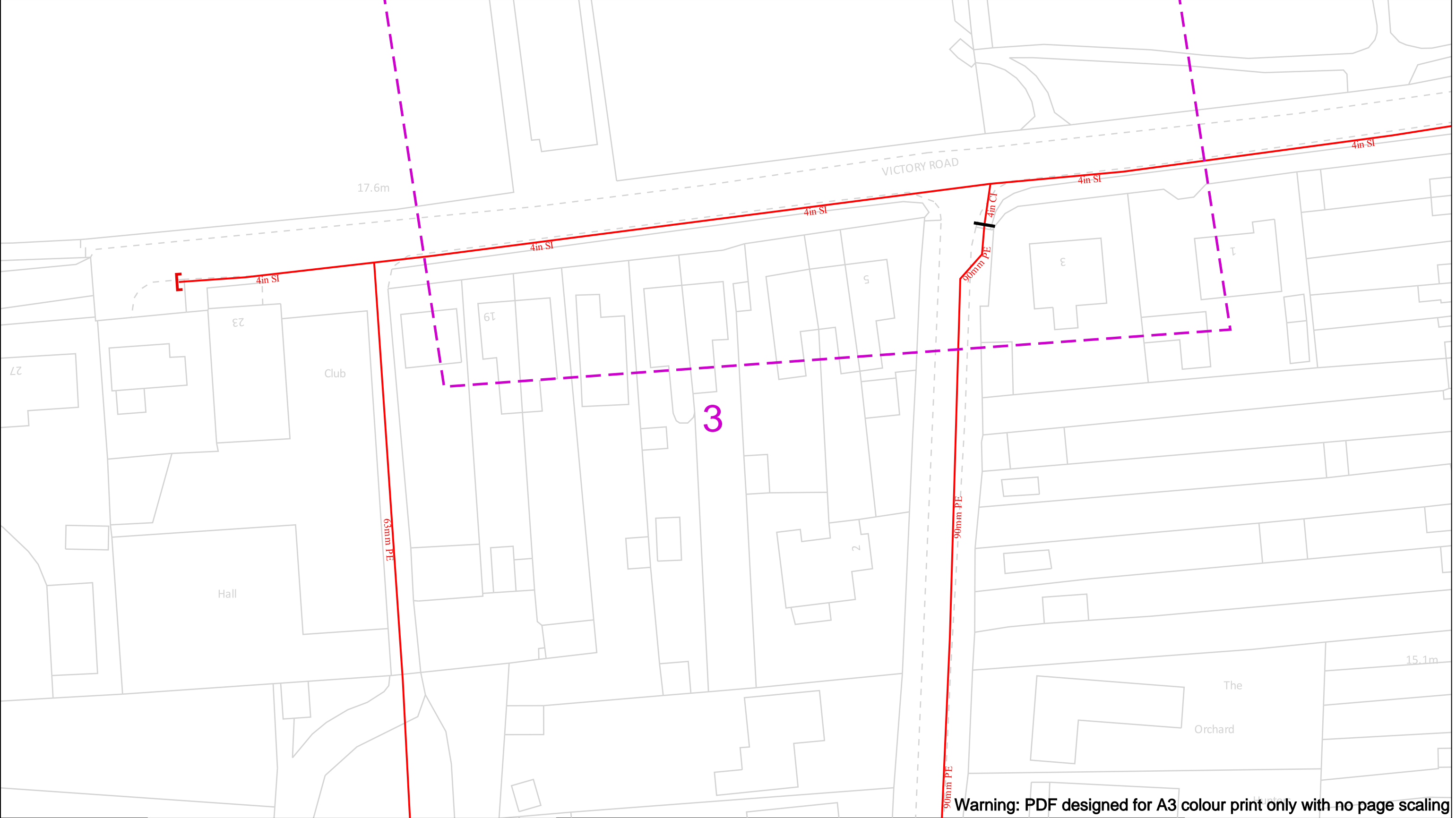
<div>Date Requested: 25/10/2021</div> <div>Job Reference: 23662924</div> <div>Site Location: 644229 262474</div> <div>Requested by: Miss Shauna Ross</div> <div>Your Scheme/Reference: cen22109</div> <div>Scale: 1:500 (When plotted at A3)</div>		<div>View extent: 200m, 115m</div> <div>IMPORTANT NOTICES</div> <div>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</div>	<div>In case of an emergency call 0800 111 999</div> <div><div><div><div></div><div></div><div></div><div></div></div><div>Dig Sites</div></div><div><div><div></div><div></div><div></div><div></div></div><div>LP Mains</div><div>MP Mains</div><div>IP Mains</div><div>LHP Mains</div></div></div> <div><div><div></div><div></div><div></div><div></div></div><div>Area: </div><div>Line: </div></div> <div><div><div></div><div></div><div></div><div></div></div><div>Valve</div><div>Depth of cover</div><div>Syphon</div></div> <div><div><div></div><div></div><div></div></div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div>		<div>Cadent</div> <div>Your Gas Network</div>
<div>Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886</div>					





	View extent: 200m, 115m	<b>In case of an emergency call 0800 111 999</b>		 <b>Your Gas Network</b>
Date Requested: 25/10/2021 Job Reference: 23662924 Site Location: 644229 262474 Requested by: Miss Shauna Ross Your Scheme/Reference: cen22109	IMPORTANT NOTICES <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>	<div><div>Dig Sites</div><div><div><div></div></div><div></div><div></div><div></div><div></div></div><div><div>LP Mains</div><div>MP Mains</div><div>IP Mains</div><div>LHP Mains</div></div><div><div>Area: <div></div></div><div>Line: <div></div></div></div><div><div><div></div></div><div></div><div></div><div></div></div><div><div>Valve</div><div>Depth of cover</div><div>Syphon</div></div><div><div><div></div></div><div></div><div></div></div><div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div></div>		
Scale: 1:500 (When plotted at A3)				

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Warning: PDF designed for A3 colour print only with no page scaling

Date Requested: 25/10/2021  
Job Reference: 23662924  
Site Location: 644229 262474  
Requested by:  
Miss Shauna Ross  
Your Scheme/Reference: cen22109

Scale: 1:500 (When plotted at A3)

View extent: 200m, 115m

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

**In case of an emergency call 0800 111 999**

50m

Dig Sites

LP Mains

MP Mains

IP Mains

LHP Mains

Area:  Line:

Valve

Depth of cover

Syphon

Diameter Change

Material Change

Out of Standard Service



## Shauna Ross

---

**From:** plantprotection@cadentgas.com  
**Sent:** 25 October 2021 10:23  
**To:** Shauna Ross  
**Subject:** LSBUD Ref: 23662924 Your Ref: cen22109 Medium Risk  
**Attachments:** 23662924\_CadentGas.pdf

Date: 25/10/2021  
LinesearchbeforeUdig ref: 23662924  
Your ref: cen22109

Dear Sir/Madam,

### **Your planned works may proceed with caution.**

We have received a notification from the LinesearchbeforeUdig (LSBUD) platform regarding your plans to carry out works. Based on the information you provided:

**Although there are Cadent gas pipes in the area you're planning to work, you can proceed with your planned work with caution and in line with the guidance. This outcome is based on the information you gave us. If your plans change, or you are unable to work to the guidance please let us know as soon as possible so we can work with you to find a solution.**

**If your works are being carried out in an easement, please ensure that you contact us to obtain formal, signed written consent which will only be provided following consultation with our plant protection team.**

Please find enclosed a copy of our plans for the area and ensure you follow our key guidance document [Specification for Safe Working in the Vicinity of Cadent Assets](#).

### **What you need to do**

**BEFORE** carrying out any work you must:

- Carefully read the guidance documents and maps showing the location of our gas apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe on Cadent's legal rights (i.e. easements or other rights). 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 Cadent apparatus follow the requirements of the HSE Guidance Notes HSG47 'Avoiding danger from underground services'. This guidance can be downloaded free of charge at [www.hse.gov.uk](http://www.hse.gov.uk)
- In line with the guidance, verify and establish the actual position of gas mains, pipes, services and other apparatus on site before any activities are undertaken.

**DURING** any work you must:

- Comply with all guidance and any further guidance from our specialist team.
- Ensure that access to Cadent apparatus is maintained at all times.
- Prevent the placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over Cadent apparatus unless specifically agreed with us in advance.
- Exercise extreme caution if slab (mass) concrete is encountered during excavation works as this may be protecting or supporting Cadent apparatus.
- Maintain appropriate clearances between gas apparatus and the position of other buried plant.

This outcome is valid for 28 days from the date of this letter. If your work, or the location, date or nature of the work you're doing changes, you must submit another enquiry.

If you need any further information or have any questions about this letter, please contact us at [plantprotection@cadentgas.com](mailto:plantprotection@cadentgas.com) or on **0800 688 588** quoting your reference at the top of this letter.

## Your responsibilities and obligations

It is your responsibility to ensure that the information you have given us is accurate. You must also share all relevant documents, including the guidance notes, with anyone who carries out work on your behalf.

This assessment solely relates to Cadent gas pipes. It doesn't include:

- Cadent's legal interest (easements or other rights) in the land which restricts activity near Cadent's pipes in private land. You must get details of any such restrictions from the landowner in the first instance and if in doubt contact us on **0800 688 588** or at
- Gas service pipes and related apparatus.
- Recently installed apparatus.
- Apparatus owned by other organisations such as other gas distribution networks, local electricity companies and other utilities.

It is your responsibility to consider whether the points above are relevant to you and whether they could be affected by your proposed work.

This letter does not constitute any formal agreement or consent for any proposed development work either generally or related to Cadent's easements or other rights, or any planning or building regulations applications.

Cadent Gas Ltd 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.

### Kind Regards,

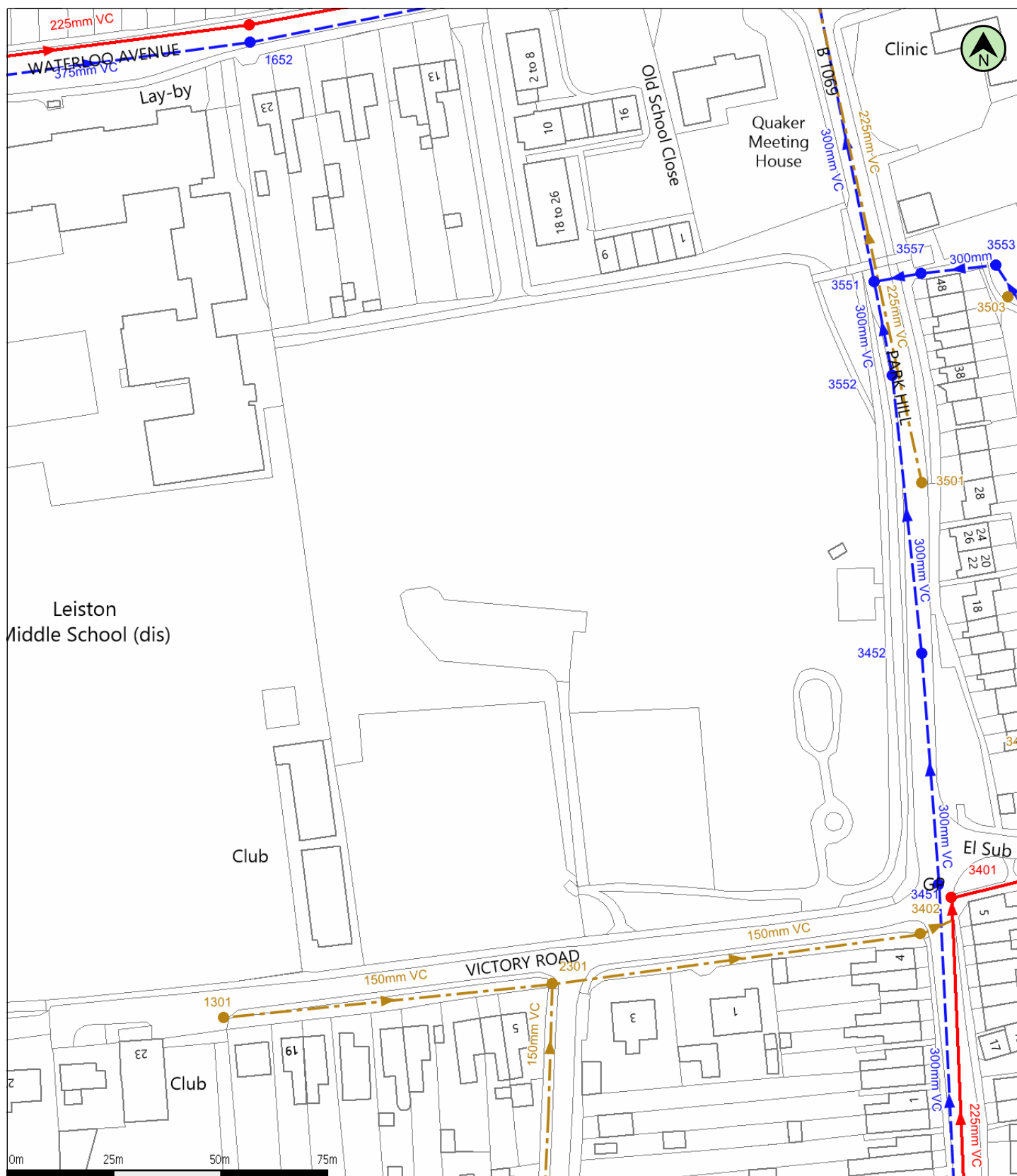
Plant Protection Team

T: 0800 688 588

plantprotection@cadentgas.com

[cadentgas.com](https://www.cadentgas.com)





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Scale: 1:1250

Date: 25/10/21

Wastewater Plan A4

Data updated: 30/09/21

Map Centre: 644249,262485

Our Ref: 683502 - 1

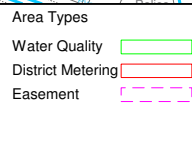
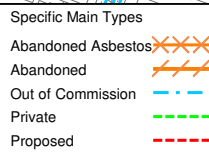
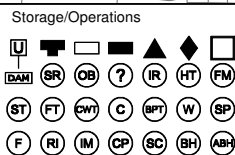
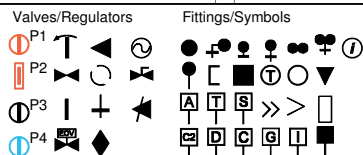
Powered by digdat

Foul Sewer	Outfall*	⊕	Sewage Treatment Works	<span style="border: 1px solid red; display: inline-block; width: 15px; height: 10px;"></span>	<a href="mailto:gill.paterson@centara-ltd.com">gill.paterson@centara-ltd.com</a>
Surface Sewer					
Combined Sewer					CEN22109
Final Effluent	Inlet*	⊖	Public Pumping Station	<span style="color: red; font-weight: bold;">●</span>	
Rising Main*					
Private Sewer*					
Decommissioned Sewer*	Manhole*	●	Decommissioned Pumping Station	<span style="background-color: black; color: black;">●</span>	
				(Colour denotes effluent type)	

This plan is provided by Anglian Water pursuant its obligations under the Water Industry Act 1991 sections 198 or 199. It must be used in conjunction with any search results attached. The information on this plan is based on data currently recorded but position must be regarded as approximate. Service pipes, private sewers and drains are generally not shown. Users of this map are strongly advised to commission their own survey of the area shown on the plan before carrying out any works. The actual position of all apparatus MUST be established by trial holes. No liability whatsoever, including liability for negligence, is accepted by Anglian Water for any error or inaccuracy or omission, including the failure to accurately record, or record at all, the location of any water main, discharge pipe, sewer or disposal main or any item of apparatus. This information is valid for the date printed. This plan is produced by Anglian Water Services Limited (c) Crown copyright and database rights 2021 Ordnance Survey 100022432. This map is to be used for the purposes of viewing the location of Anglian Water plant only. Any other uses of the map data or further copies is not permitted. This notice is not intended to exclude or restrict liability for death or personal injury resulting from negligence.







**ESSEX & SUFFOLK**  
**WATER** *living water*

User : DAWSJ1

Title : 0000

Centre Point : 644234,262466

Date : 26/10/2021

Map Sheet : TM4462SW

The material contained on this plot has been reproduced from an Ordnance Survey map with permission of the controller of H.M.S.O. Crown Copyright Reserved. Licence No. 100022480. The information shown on this plan should be regarded as approximate and is intended for guidance only. No Liability of any kind whatsoever is accepted by Essex & Suffolk Water, it's servants or agents for any omission. The actual position of any mains shown on the plan must be established by taking trial holes in all cases. Essex & Suffolk Water must be given two working days notice of their intention to excavate trial holes. Private connections are not shown but their presence should be anticipated. **WARNING...** Where indicated on the plan there could be abandoned asbestos cement materials or shards of pipe. If excavating in the vicinity of these abandoned asbestos cement materials, the appropriate Health & Safety precautions should be taken. Essex & Suffolk Water accepts no liability in respect of claims, costs, losses or other liabilities which arise as the result of the presence of the pipes or any failure to take adequate precautions. Emergency Telephone Number: 0345 782 0999

25 m



## Openreach Plant Maps Requested

NewSite Office (addresses can be located from [here](#))  
National Freephone: 0800 616 866

**Dear Sir/Madam,**

Thank you for your request to: [www.openreach.co.uk/networkinfo/](http://www.openreach.co.uk/networkinfo/)

You have downloaded copies of our drawings marked up to show the approximate location of Openreach apparatus, which is present in the immediate vicinity of your works. It is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works made near to Openreach apparatus, which may, exist at various depths and may deviate, from the marked route.

To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of Openreach plant. Please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by your plant. In the event of clearance not being adequate we anticipate that your plant is either resited, or an order is placed with Openreach for rearrangements of its plant. If there are any difficulties with the Map please ring 0800 616866.

---

Please contact our Network Protection Service if required by dialling 0800 917 3993 or by Email on [DBYD@openreach.co.uk](mailto:DBYD@openreach.co.uk) giving seven days notice of your commencement date. This will provide you with on-site advice and a check of location for any Openreach apparatus.

---

Further to this, I hope the following points will assist you at the new development: -

Openreach has a licence obligation to provide service to any end customer requiring a connection. A Developer would not normally be charged for provision of service, our standard connection charges would apply to the end user when orders are placed with the communication provider of choice. However, should a Developer insist on an underground service in an area where Openreach plant is provided overhead, charges may be incurred.

When the Developer has obtained contract and planning permission Openreach would request a 'Clean', scaled Site Layout, Location Map and a covering letter be sent to the relevant newSite Office. We would particularly request that you give details of your programmed site start date and likely first occupancy date where possible. To obtain contact details of the newSite office covering the development area click on the URL below.

<http://www.openreach.co.uk/orpg/networkinfo/developnetwork/regionalcontacts.do>

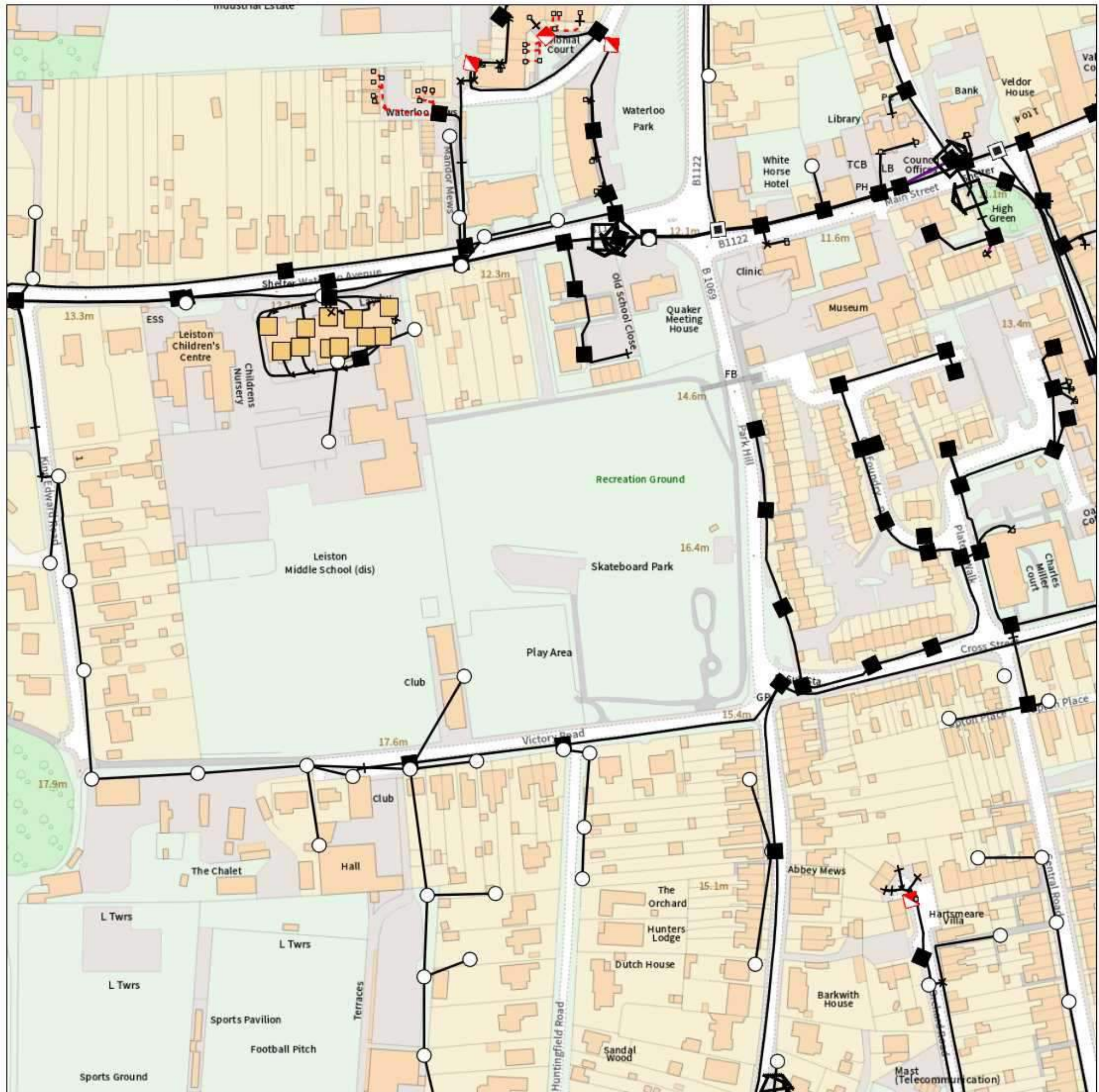
Where a development affects existing Openreach apparatus in the public highway, the cost of any necessary protection or diversionary works must be borne by the Developer. In this case where a budget estimate is required a Site Plan, Location Map and a covering letter should be forwarded to the Repayments Project Office. Please visit <http://www.openreach.co.uk/orpg/networkinfo/alternetwork/alterationcontacts.do> for contact details of the Repayments Office covering the development area.

Yours faithfully,

## Openreach newSites



# Maps by email Plant Information Reply



## IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.



**openreach**

### CLICK BEFORE YOU DIG

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

email [cbyd@openreach.co.uk](mailto:cbyd@openreach.co.uk)

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

### Accidents happen

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

## KEY TO BT SYMBOLS

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

BT Ref : AAA10172N

Map Reference : (centre) TM4424962485

Easting/Northing : (centre) 644249,262485

Issued : 25/10/2021 10:17:55

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(C) Crown Copyright British Telecommunications plc 100028040

**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](mailto:nnhc@openreach.co.uk)**



## Enquirer

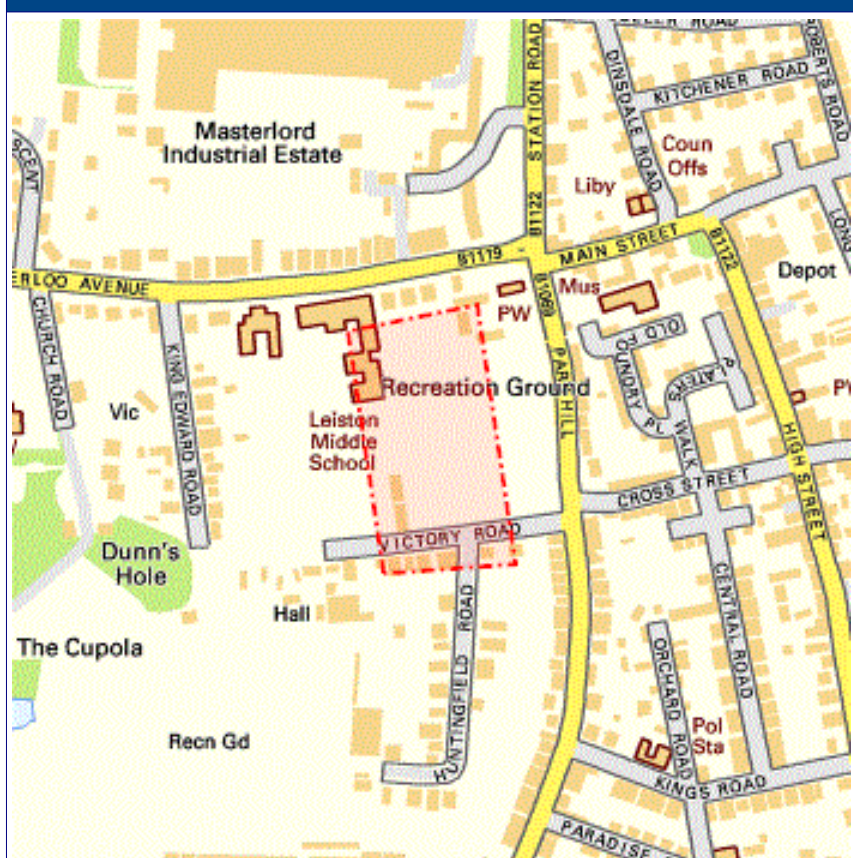
Name	Miss Shauna Ross	Phone	01924 220726
Company	Centara	Mobile	Not Supplied
Address	Office 10, Normanton Business Park Ripley Drive Normanton West Yorkshire WF6 1QT		
Email	shauna.ross@centara-ltd.com		

## Enquiry Details

Scheme/Reference	cen22109		
Enquiry type	Planned Works	Work category	Utility Works
Start date	26/10/2021	Work type	Multiple excavations site (1.5m or s
End date	31/10/2021	Site size	23174 metres square
Searched location	XY= 644249, 262485	Work type buffer*	25 metres
Confirmed location	644229 262474		
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



## Asset Owners

**Terms and Conditions.** Please note that this enquiry is subject always to our standard terms and conditions available at [www.lineasearchbeforeudig.co.uk](http://www.lineasearchbeforeudig.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.

**Notes.** Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.

**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 of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig 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.

**Asset Owners & Responses.** Please note the enquiry results include the following:

1. "LSBUD Members" who are asset owners who have registered their assets on the LSBUD service.
2. "Non LSBUD Members" are asset owners who have not registered their assets on the LSBUD service but LSBUD is aware of their existence. Please note that there could be other asset owners within your search area.

Below are three lists of asset owners:

1. **LSBUD Members who have assets registered within your search area. ("Affected")**
  - a. **These LSBUD Members will either:**
    - i. **Ask for further information ("Email Additional Info" noted in status).** The additional information includes: Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.
    - ii. **Respond directly to you ("Await Response").** In this response they may either send plans directly to you or ask for further information before being able to do so, particularly if any payments or authorisations are required.
2. **LSBUD Members who do not have assets registered within your search area. ("Not Affected")**
3. **Non LSBUD Members who may have assets within your search area.** Please note that this list is not exhaustive and all details are provided as a guide only. It is your responsibility to identify and consult with all asset owners before proceeding.

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

### List of affected LSBUD members

Asset Owner	Phone/Email	Emergency Only	Status
Cadent Gas	0800688588	0800111999	Await response
Essex & Suffolk Water	03702417408	03702417408	Await response
UK Power Networks	08000565866	08000565866	Await response

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

### List of not affected LSBUD members

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



Total Colnbrook Pipelines	Total Finaline Pipelines	Transmission Capital
Uniper UK Ltd	University of Cambridge Granta Backbone Network	Vattenfall
Veolia ES SELCHP Limited	Veolia ES Sheffield Ltd	VPI Power Limited
Wales and West Utilities	West of Duddon Sands Transmission Ltd	Western Power Distribution
Westminster City Council	Zayo Group UK Ltd c/o JSM Group Ltd	

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.

Non-LSBUD members (Asset owners not registered on LSBUD)			
Asset Owner	Preferred contact method	Phone	Status
Anglian Water	<a href="http://www.digdat.co.uk">http://www.digdat.co.uk</a>	01480323891	Not Notified
BT	<a href="https://www.swns.bt.com/pls/mbe/welcome.home">https://www.swns.bt.com/pls/mbe/welcome.home</a>	08000232023	Not Notified
CenturyLink Communications UK Limited	<a href="mailto:plantenquiries@instalcom.co.uk">plantenquiries@instalcom.co.uk</a>	02087314613	Not Notified
CityFibre	<a href="mailto:asset.team@cityfibre.com">asset.team@cityfibre.com</a>	033 3150 7282	Not Notified
Colt	<a href="mailto:plantenquiries@catelecomuk.com">plantenquiries@catelecomuk.com</a>	01227768427	Not Notified
ENGIE	<a href="mailto:nrswa.uk@engie.com">nrswa.uk@engie.com</a>	01293 549944	Not Notified
GTC	<a href="https://pe.gtc-uk.co.uk/PlantEnqMembership">https://pe.gtc-uk.co.uk/PlantEnqMembership</a>	01359240363	Not Notified
Mobile Broadband Network Limited	<a href="mailto:mbnl.plant.enquiries@turntown.com">mbnl.plant.enquiries@turntown.com</a>	01212 621 100	Not Notified
Sota	<a href="mailto:SOTA.plantenquiries@instalcom.co.uk">SOTA.plantenquiries@instalcom.co.uk</a>		Not Notified
Utility assets Ltd	<a href="mailto:assetrecords@utilityassets.co.uk">assetrecords@utilityassets.co.uk</a>		Not Notified
Verizon Business	<a href="mailto:osp-team@uk.verizonbusiness.com">osp-team@uk.verizonbusiness.com</a>	01293611736	Not Notified
Virgin Media	<a href="http://www.digdat.co.uk">http://www.digdat.co.uk</a>	08708883116	Not Notified
Vodafone	<a href="mailto:osm.enquiries@atkinsglobal.com">osm.enquiries@atkinsglobal.com</a>	01454662881	Not Notified

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