SP Energy Networks Utility Map Viewer (UMV)

Underground Cable Records

Access To SP Energy Networks Cable Records

Electricity Network Plans (North)

Telephone: 0141 567 4455
Fax: 0141 614 0085

Email:

requestforplansscotland@scottishpower.com

In writing: SP Energy Networks,
Data Management (Scotland)
ScottishPower Energy Networks
55 Fullarton Drive
Cambuslang
Glasgow
G32 8FA

Please Note: The above telephone and fax numbers should only be used to apply for plans of the location of ScottishPower's infrastructure by third parties involved in current excavations or the planning of future works.
All other enquiries should be directed to:
0845 273 4444

Electricity Network Plans (South)

Telephone: 0151 609 2373
Fax: 0151 609 2178

Email:

requestforplansmanweb@sppowersystems.com

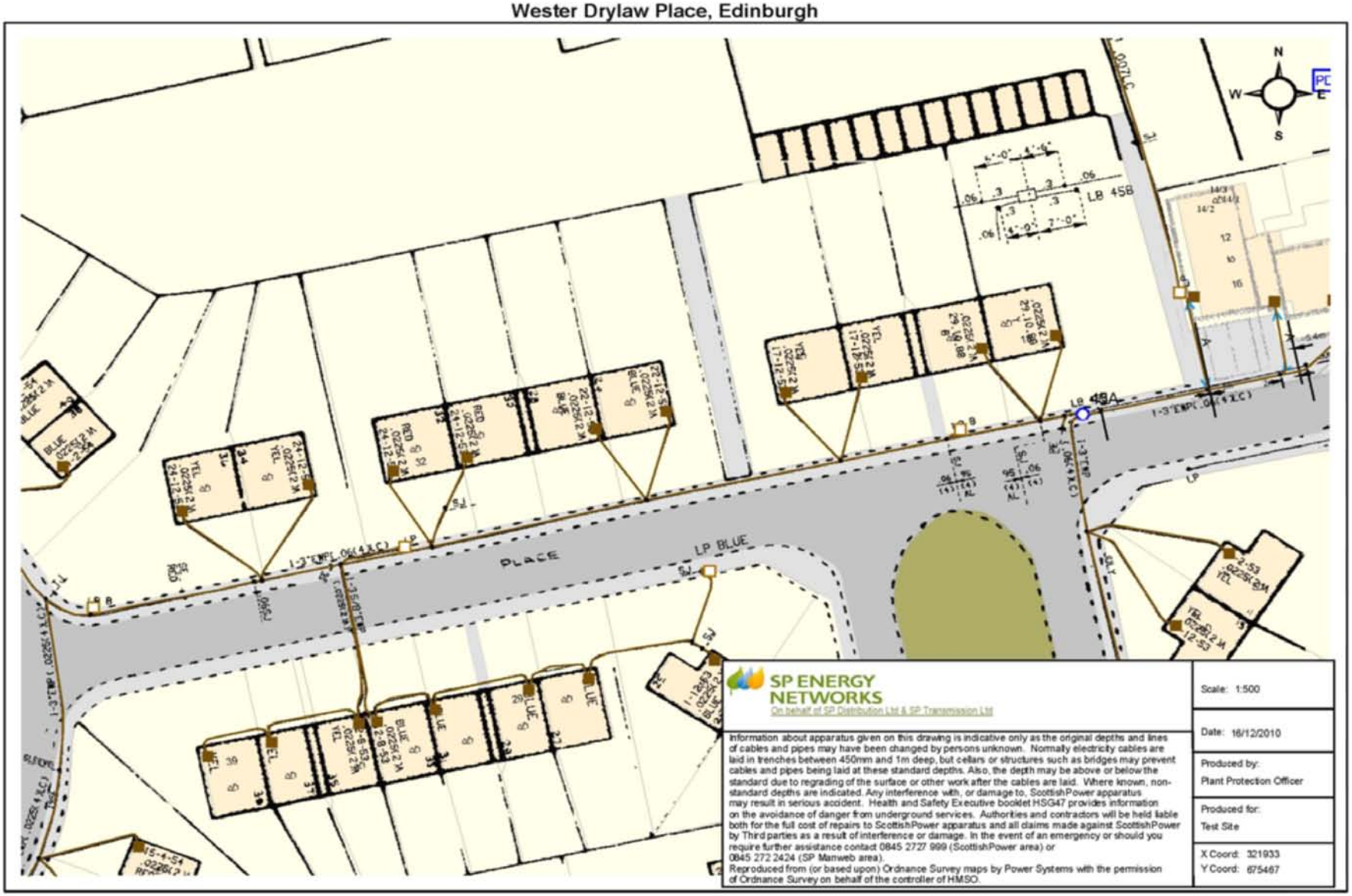
In writing: SP Energy Networks,
Data Management (England and Wales)
ScottishPower Energy Networks
Prenton Way
Prenton
CH43 3ET

Please Note: The above telephone and fax numbers should only be used to apply for plans of the location of ScottishPower's infrastructure by third parties involved in current excavations or the planning of future works.
All other enquiries should be directed to:
0845 273 4444

Contact

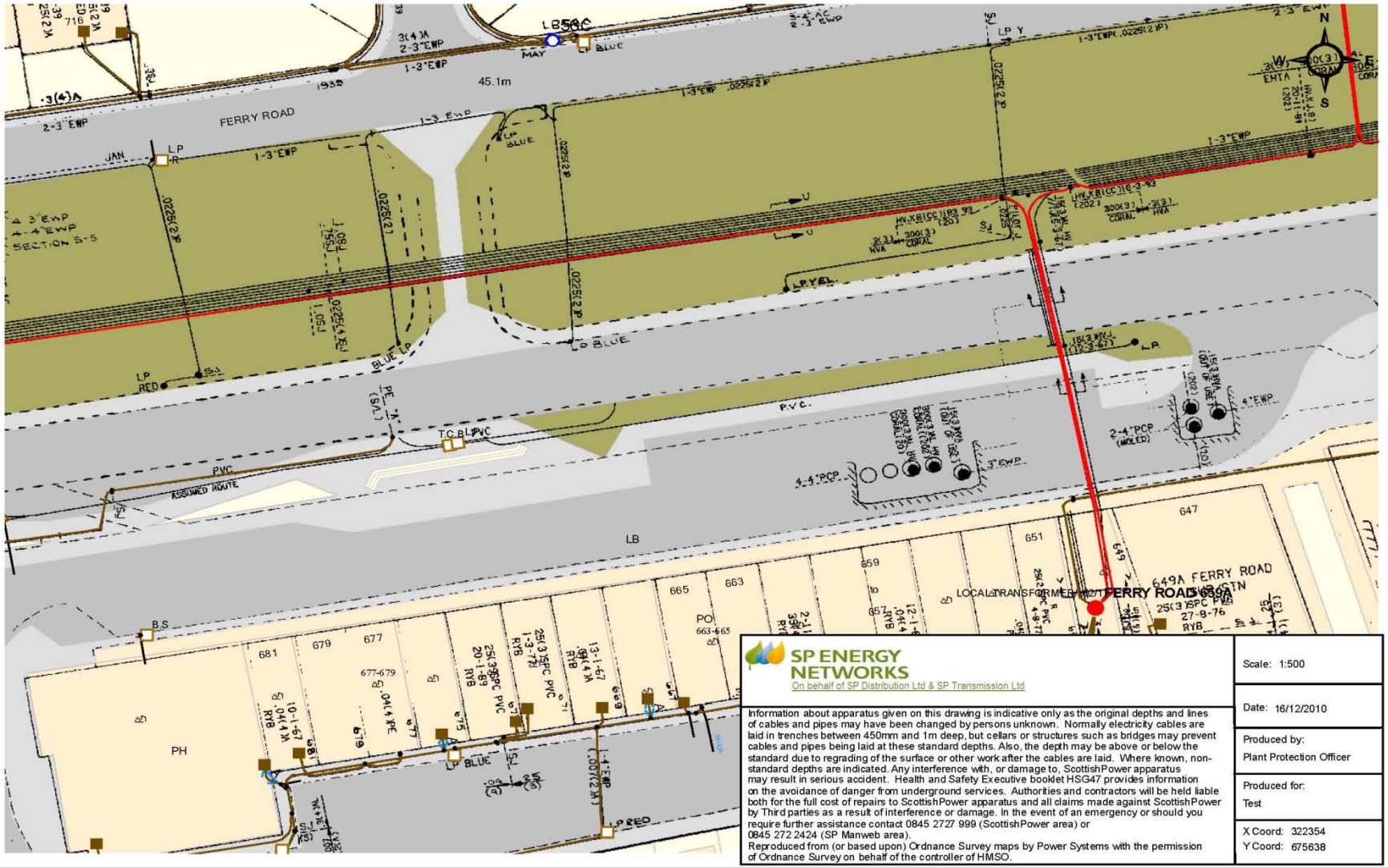
General **UMV enquiries: Application Administrator** email: fieldsupportgroup@scottishpower.com

Typical ScottishPower Cable Records Showing Low Voltage (Brown Lines) Underground Cables At The Recommended Scale Of 1:500



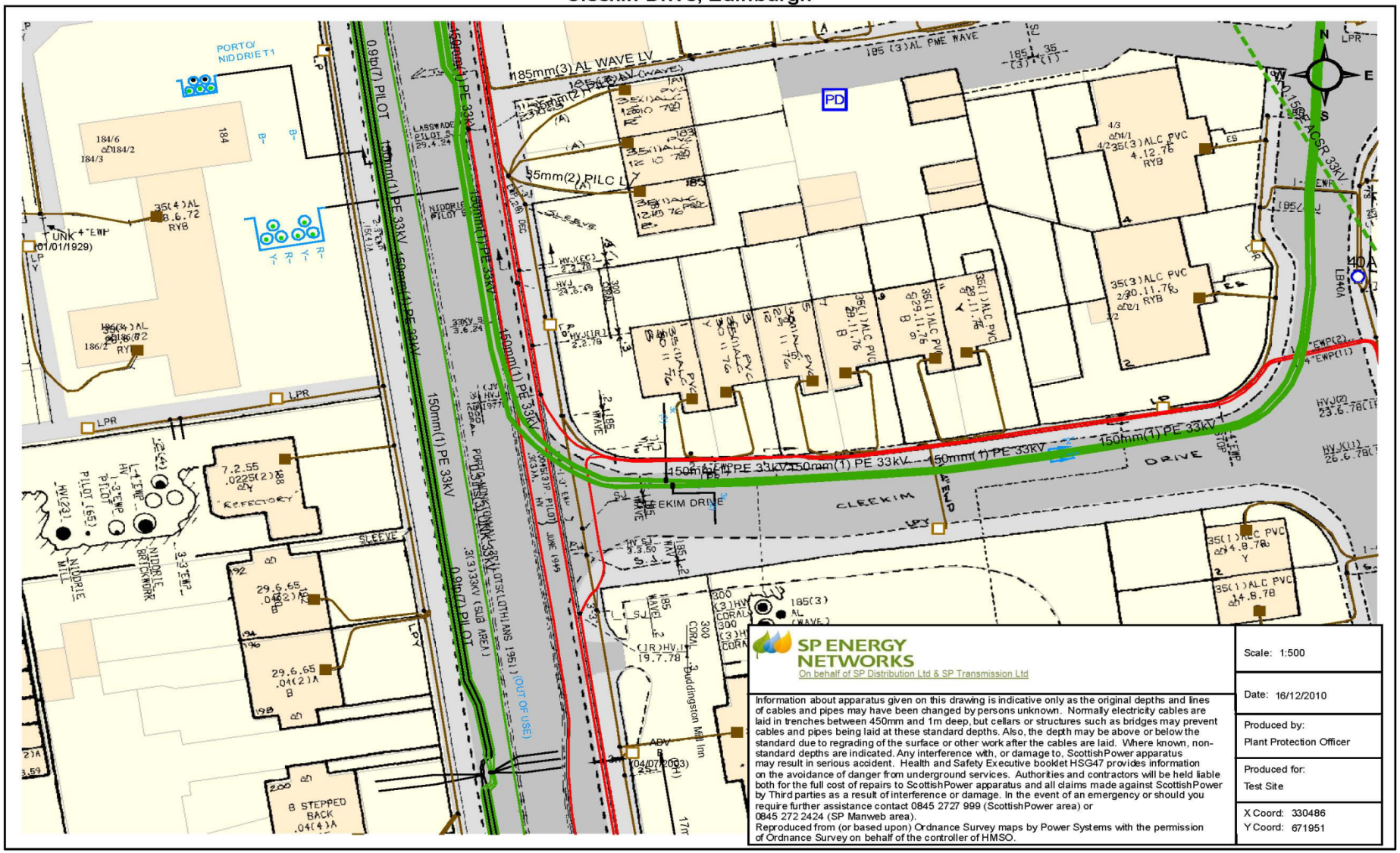
Typical ScottishPower Cable Records Showing Low Voltage (Brown Lines) And High Voltage (Red Lines) Underground Cables At The Recommended Scale Of 1:500

Ferry Road, Edinburgh



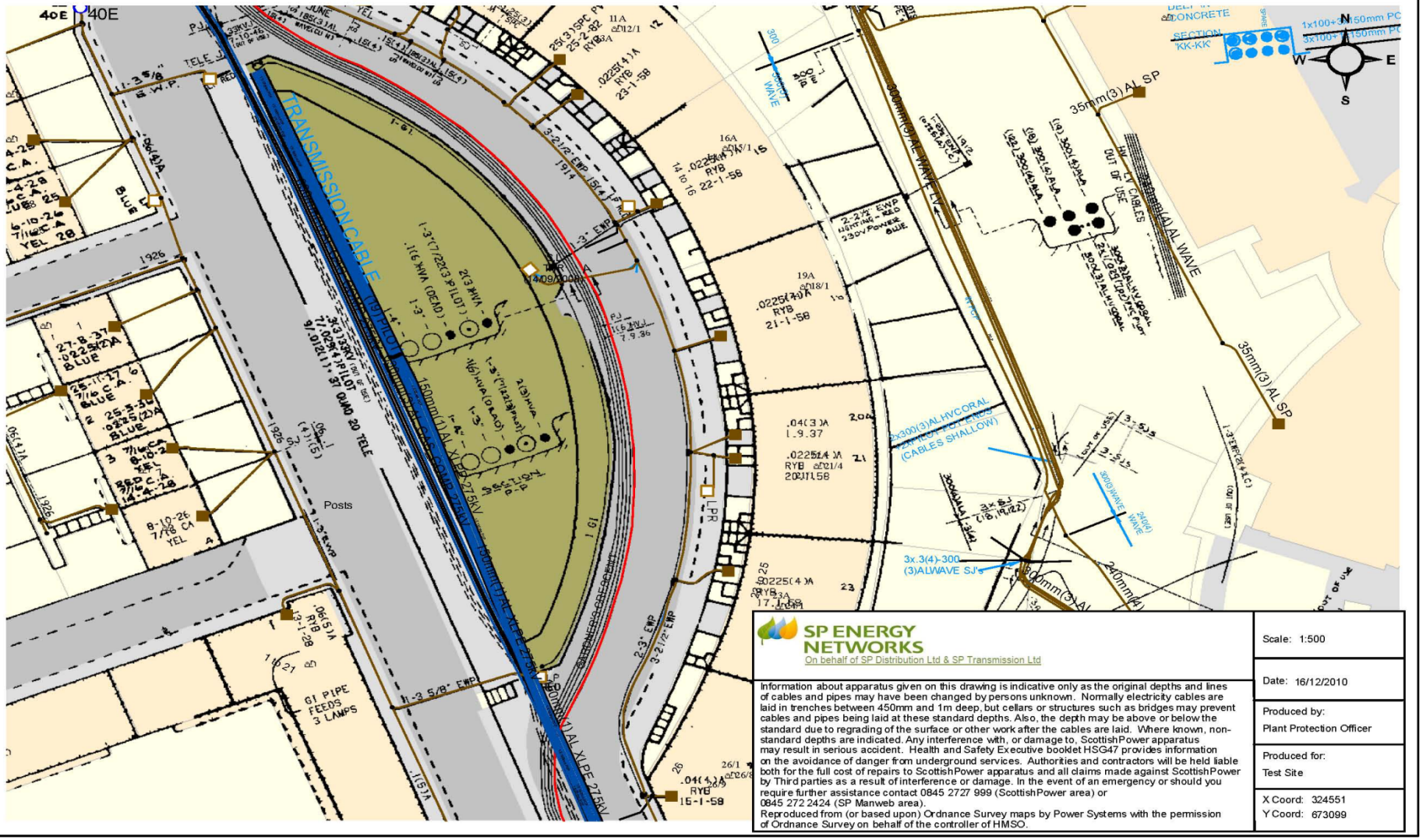
Typical ScottishPower Cable Records Showing Low Voltage, (Brown Lines) High Voltage (Red Lines) And 33KV (Green Lines) Underground Cables At The Recommended Scale Of 1:500

Cleekin Drive, Edinburgh



Typical ScottishPower Cable Records Showing Low Voltage, (Brown Lines) High Voltage (Red Lines) And Transmission Cables (Blue Lines) Underground Cables At The Recommended Scale Of 1:500

Gardners Crescent, Edinburgh



SP ENERGY NETWORKS
On behalf of SP Distribution Ltd & SP Transmission Ltd

Information about apparatus given on this drawing is indicative only as the original depths and lines of cables and pipes may have been changed by persons unknown. Normally electricity cables are laid in trenches between 450mm and 1m deep, but cellars or structures such as bridges may prevent cables and pipes being laid at these standard depths. Also, the depth may be above or below the standard due to regrading of the surface or other work after the cables are laid. Where known, non-standard depths are indicated. Any interference with, or damage to, ScottishPower apparatus may result in serious accident. Health and Safety Executive booklet HSG47 provides information on the avoidance of danger from underground services. Authorities and contractors will be held liable both for the full cost of repairs to ScottishPower apparatus and all claims made against ScottishPower by Third parties as a result of interference or damage. In the event of an emergency or should you require further assistance contact 0845 2727 999 (ScottishPower area) or 0845 272 2424 (SP Manweb area).
Reproduced from (or based upon) Ordnance Survey maps by Power Systems with the permission of Ordnance Survey on behalf of the controller of HMSO.

Scale: 1:500

Date: 16/12/2010

Produced by: Plant Protection Officer

Produced for: Test Site

X Coord: 324551
Y Coord: 673099

Key to common vector symbols used within GIS / UMV

SP ENERGY NETWORKS

LV Cable	
LV Cable Disconnected	
LV Overhead Line	
HV (11kV) Cable	
HV (11kV) Cable Disconnected	
HV Overhead Line	
HV (6.6kV) Cable	
HV (6.6kV) Cable Disconnected	
EHV Cable	
EHV Cable Disconnected	
EHV Overhead Line	
132/275kv	
132/275kv Disconnected	
Pilot/Tele/Auxilliary Cable	
Pilot/Tele/Auxilliary Cable Disconnected	
Cable Duct	
Third Party Pipeline (SP staff only)	

Key to common vector symbols use within UMV (Cont.)

Pilot/Tele/Auxilliary Cable Disconnected	
Cable Duct	
Third Party Pipeline (SP staff only)	
Cable Joint	
Building or Site only Substation	
Grid Substation	
LV Substation	
Primary Substation	
Secondary Substation	
Pole Mounted Primary Substation	
Pole Mounted Secondary Substation	
Single Pole	
H Pole	

SP ENERGY NETWORKS

LV Switching Point (Linkbox)

LV Switching Point (Pill)

Tower

Approximation
(Precise location of apparatus unknown)

Assumed Position

Quality Point
(Issue with Data Quality? further info available to user via a note field, SP staff only)

Clarity Point
(Further info on Data available to user via a note field, SP staff only)

Edge Connector
(Placed on the end of a cable when route unknown)

Service Termination (Metered)

Service Termination (Unmetered)

Medically Sensitive Customer

Information Relating To UMV System

Utility Map Viewer (UMV) provides a map window displaying the electrical network SP EnergyNetworks have present for a particular area.

The vast majority of our network has now been digitally captured and is viewed against the Ordnance Survey MasterMap background.

Please be aware that a line may indicate the presence of more than one cable on the records and that all cable locations should be treated as approximate only.

Service cables to properties, street lamps etc may **not be shown or may be inaccurately shown. There may also be other** apparatus in the vicinity of any proposed works that is not indicated on the records.

Interpreting ScottishPower Cable Records

Specifically for any company in the construction sector, ScottishPower's Cable Avoidance course will provide operatives, supervisors and managers with all the knowledge and skills to avoid danger to those carrying out excavations and also save significant repair costs and backroom work arising in the event of damage to electricity cables or other utility services. (See Training Section For On Line Course Booking)

Who should attend, any operatives excavating on the highway or working adjacent to underground services.

Objectives

- Interpret plans showing location of underground apparatus
- Identify types of underground apparatus
- Identify the risks of damage to and implications of damage to underground apparatus
- Discuss the need for pipe and cable location equipment

Programme Duration - Half Day PowerPoint presentation
Written Assessments Team Exercises - Safety videos