

N.H.C.

10 JUN 2025

NORTHGATE

Customer responsibilities

- Complete all on site excavation and reinstatement works of the proposed cable route, with the exception of the last 3 metres to the pole which will be carried out by UKPN.
- Install a 125mm Black Twin Walled electrical rigid duct (with pulford) from the proposed service position to the point of customers excavations. This duct to be installed at a depth to allow 600mm of cover. Ducting must be to standard ENATS 12-24.

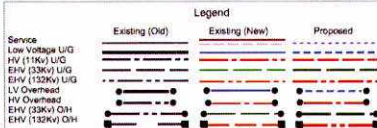
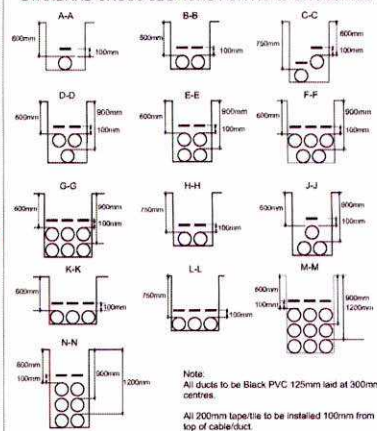
Please refer to

- ECS 02-0019 for excavation, ducting and tile tape specifications.
- HS(G)47 is to be complied with at all times.
- You will need to liaise with the Field Engineer regarding draw pit locations.
- Liaise with a supplier to have the meter removed/installed.
- Provide a lockable, weatherproof kiosk for the new supply. Refer to EDS 08-2110.13.
- Earthing arrangement will be TNS

UKPN responsibilities

- Install a new 3 phase LV service.
- Disconnect and remove the existing LV service.
- We will excavate the last 3 metres to the transformer pole.
- All cable laying on site is in trenches/ducts installed by the customer.

STANDARD CROSS SECTIONS FOR ROAD CROSSINGS



Maps produced at 1:2500 scale are LV 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.

Please be aware that electric lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

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 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 provided 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/belongs to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.

PRIMARY CABLES
EXTRA HIGH VOLTAGE CABLES (EHV) 22,000 to 132,000 Volts
Depth normally 750mm cover in carriageway & 600mm cover in footway.
Before digging within one metre of these cable routes
Telephone 0800 056 5866 in order that the Company's apparatus may be located on site and any necessary protection works agreed.

ADVICE TO CONTRACTORS ON AVOIDING DANGER FROM BURIED ELECTRICITY CABLES.

- 1) Do have cable drawings with you on site and check them before you start the excavation.
 - 2) Do have a cable locator tool on site and use it to help you.
 - 3) Mark out the location of electricity cables.
 - 4) Do not use a mechanical excavator within 0.5m of electricity cables.
 - 5) Use spades and shovels in preference to other tools.
 - 6) Never disturb electricity cables and joints or their protective covers.
- IF IN DOUBT - ASK PHONE 0800 056 5866**
EMERGENCY - IF YOU DAMAGE A CABLE OR LINE
Phone 105 (24hrs) URGENTLY
These basic safety precautions are explained in detail in the HSE booklet, HSG47 - Avoiding Danger from Underground Services, a copy of which may be obtained from your supervisor or HSE.



Proposals For: 8500288515

Therfield STW Dane Lane Therfield SG8 9QX

Plotted On: 18/09/2024 Scale 1:500 (when plotted as A3)

Plotted By: Alex Ryde Map Centre: TL3434NW

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Underground cables exist on the site. It is important that all works should comply with the requirements of the Health and Safety Executive Document HS(G)47-Avoiding danger from underground services.

Additional Notes

1. Customer to provide UK Power Networks with all relevant HSE information.
2. Customer is responsible for all excavations, installation of ducts and reinstatement works.
3. Pull pits will be required for the cable installation, the location and sizes of pull pits to be agreed on site with the UK Power Networks Field Engineer.
4. All UKPN staff and Contractors will need to attend an on-site induction.
5. Beware customer will be connecting a generator on the power outage.
6. Beware working in the vicinity of water
7. Beware 132KV OVERHEAD LINE crosses the site.
8. UKPN to disconnect existing LV service.

Customer Kiosk
UKPN to Terminate 185Ew cable into a new 400amp combined cut out & CT Unit and fuse at 200amp. This is a TNS Earthing Arrangement therefore install a 120mm separate earth terminal.

Customer to build Brick Built enclosure for UK Power Networks equipment as per UK Power Networks drawing EDS 08-2110.13

Point of Connection to the network
UKPN TO:
1: carry out tree trimming
2: Remove 50kVA TX
3: Replace HV pole and install stub leg pole
4: Install a new 200kVA three phase PMT
5: Erect and connect 185Ew LV service cable and separate earth.
HV Shutdown required.

For Continuation Of
O.H Lines See TL 335W

Therfield Sewage

Beware LIVE overhead lines. Before starting any excavations the customer is to arrange a GS6 Avoidance of Danger from Overhead Lines visit from UK Power Networks by Phoning 08456 014516 and requesting a GS6 site visit.