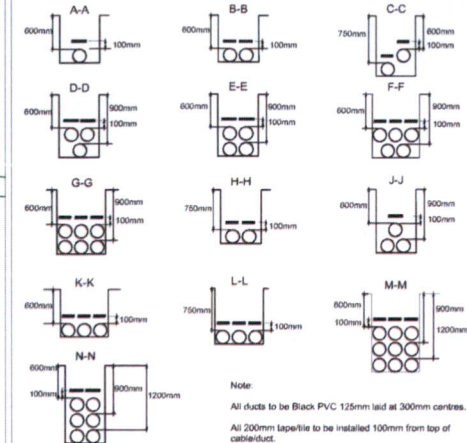


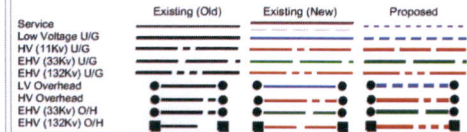
A - Install proposed new HV pole and line kg, install proposed 200kVA pole mounted transformer, terminate proposed 185Ew service  
 B - Install proposed 185Ew into an external supply hole  
 C - Terminate service in a combined CT cut out fused at 315A to provide the required capacity for TBS of 200kVA  
 D - Remove pole 728411

This design does not include controlling the service cable to the proposed substation to provide LVNC supply. These cables must be installed for capacity when the TBS is no longer required. The customer is responsible for:  
 - Supplying and installing non-volatile 125mm ID Mono Cable Duct (Rigidflex - EHA 12-24 Specifications) with draw cord  
 - Supplying and installing external water tank (E200 18.2110.13)  
 - Arranging installation of the meter with the electricity provider  
 - Providing meter label of appropriate type and rating for the type of supply  
 - Arranging protection and switching panel the cut out as per 957871  
 - Arranging TV setting  
 - All work to be carried out in accordance with HSE47 Avoiding danger from underground services and G58 Avoiding danger from overhead power lines

# STANDARD CROSS SECTIONS FOR ROAD CROSSINGS



## Legend



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 & equipment. Do not use plants 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.

**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.

N.B. THRUST BORERS OR MOLES MUST NOT BE USED WITHIN THE VICINITY OF ANY CABLES BELONGING TO UK POWER NETWORKS WITHOUT FIRST CONTACTING THIS COMPANY.

## 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 conduits 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, HS(GH7 - Avoiding Danger from Underground Services, a copy of which may be obtained from your supervisor or HMSO.



Proposals For : 8500292566

Plotted On: 05/04/2024

Scale 1:1140

Plotted By: Luke Bailey

Map Centre : TQ8694NW

Reproduced by permission of Ordnance Survey on behalf of HMSO. (c) Crown copyright and database right 2024. All rights reserved. Ordnance Survey Licence number AC0000850812. 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 (c) Eastern Power Networks plc or London Power Networks plc each being a distribution licensee under section 8(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.