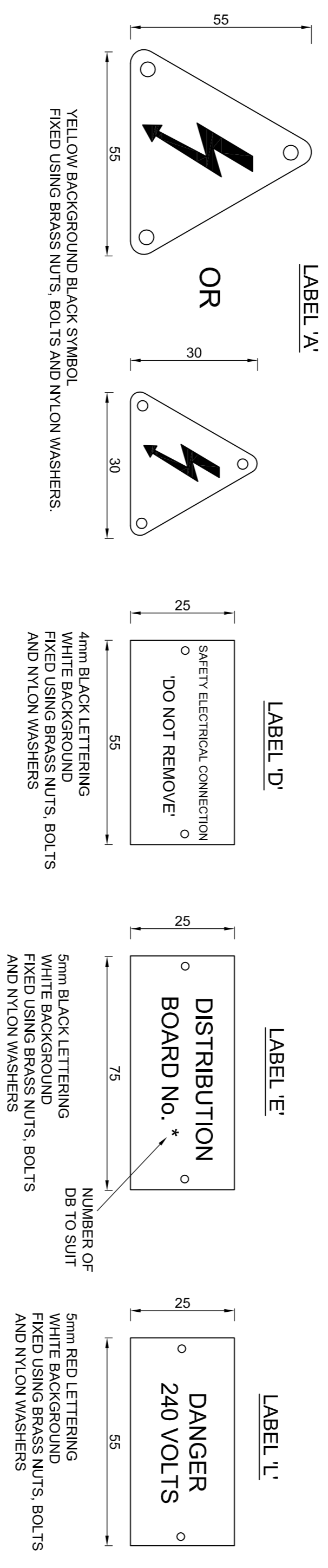
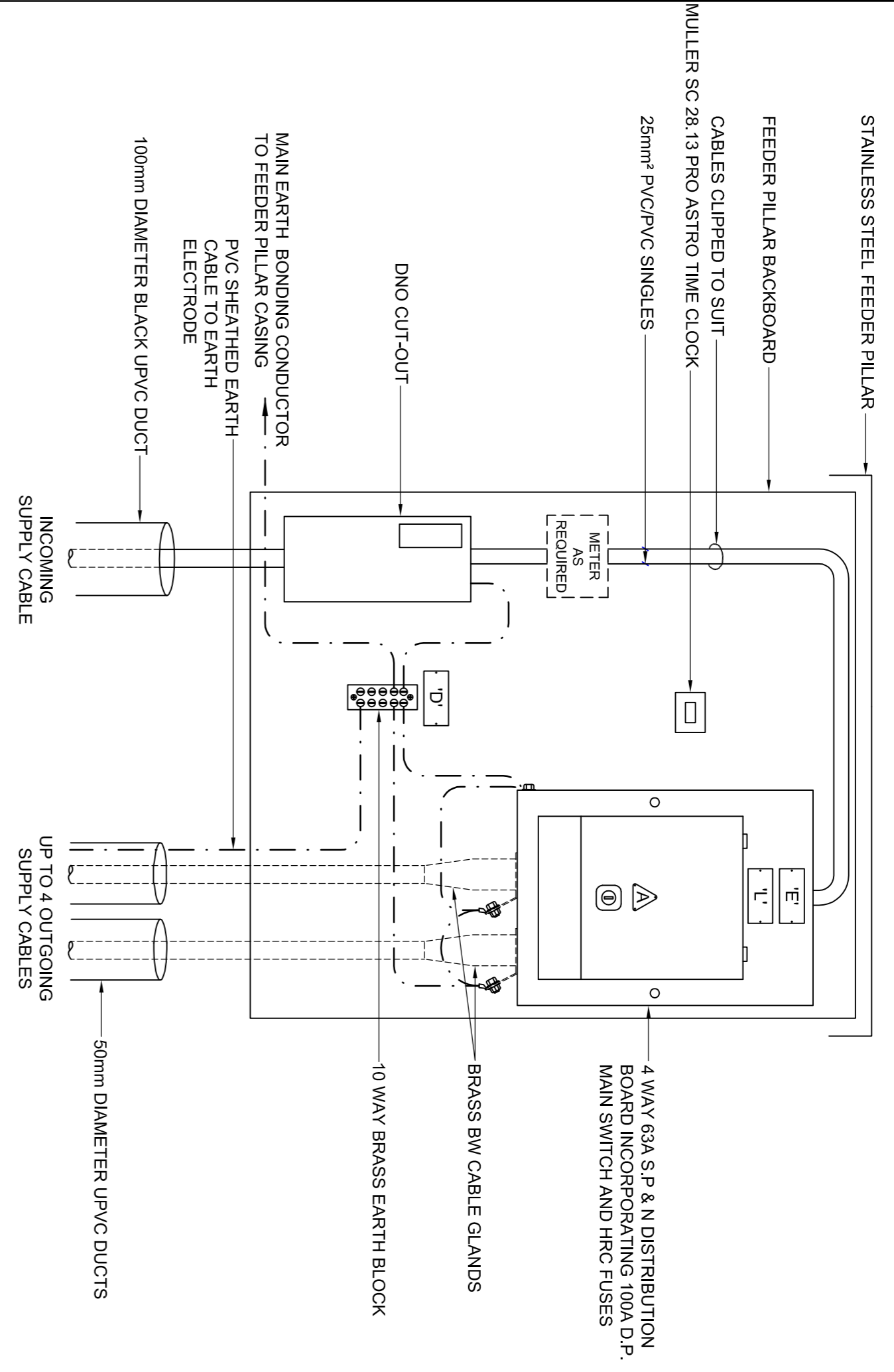
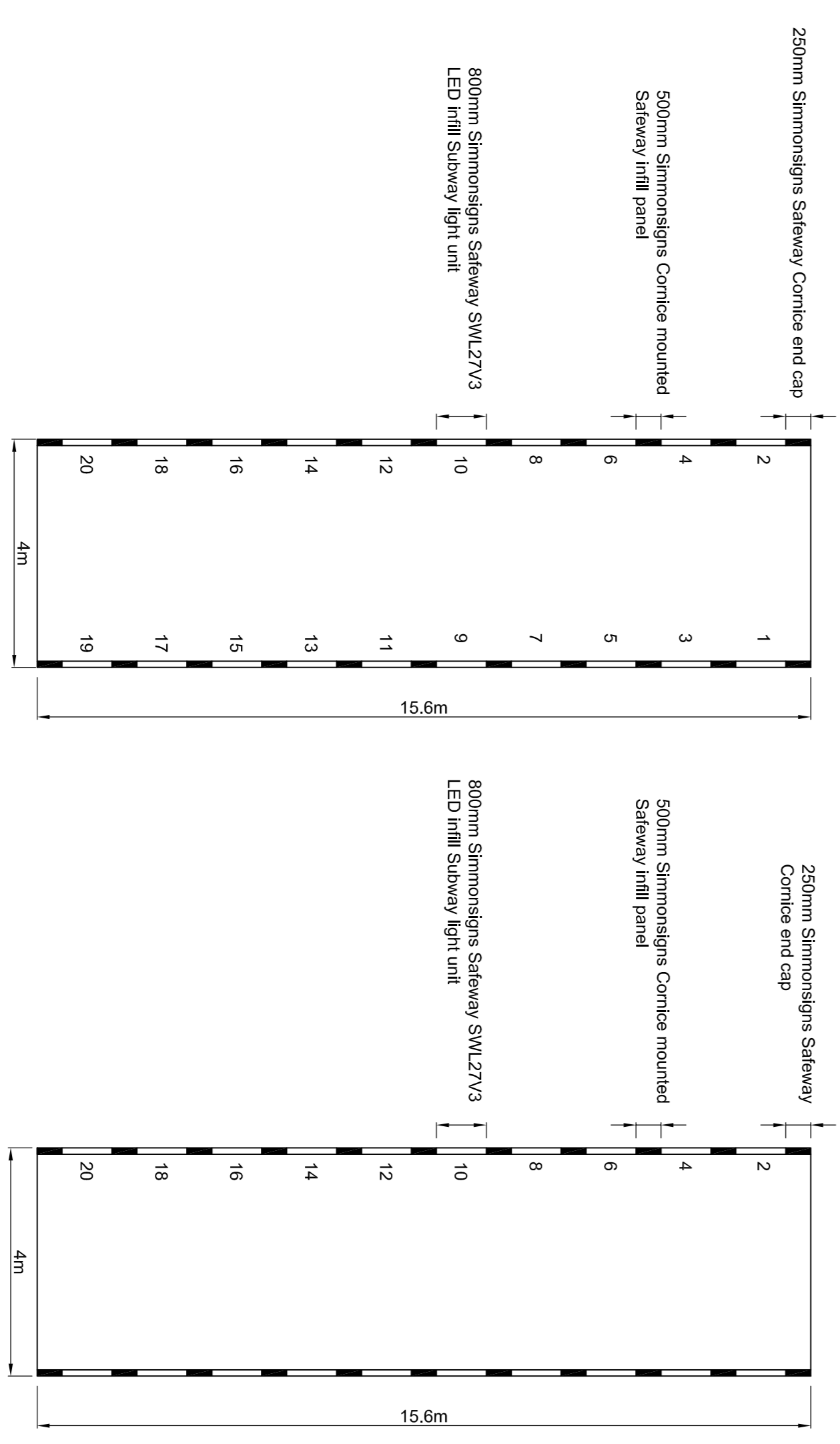


FEEDER PILLAR FOR SUBWAY
 (TYPE :RITHERDON R300 NATURAL)

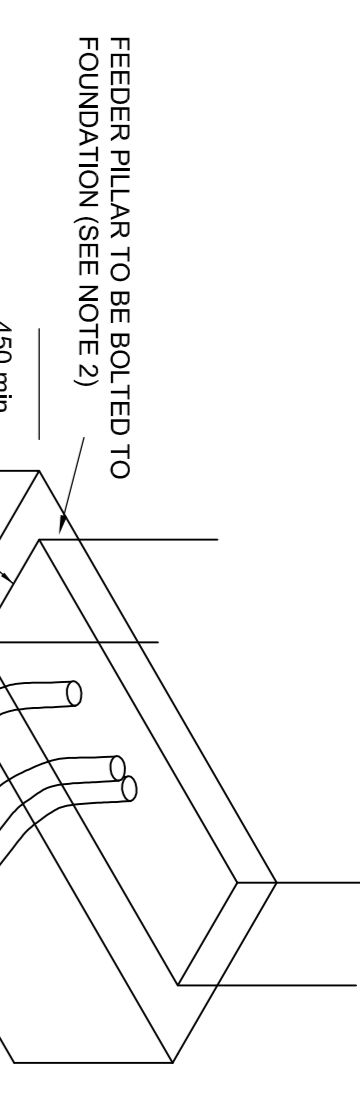


SUBWAY DAY SETTING

SUBWAY NIGHT SETTING



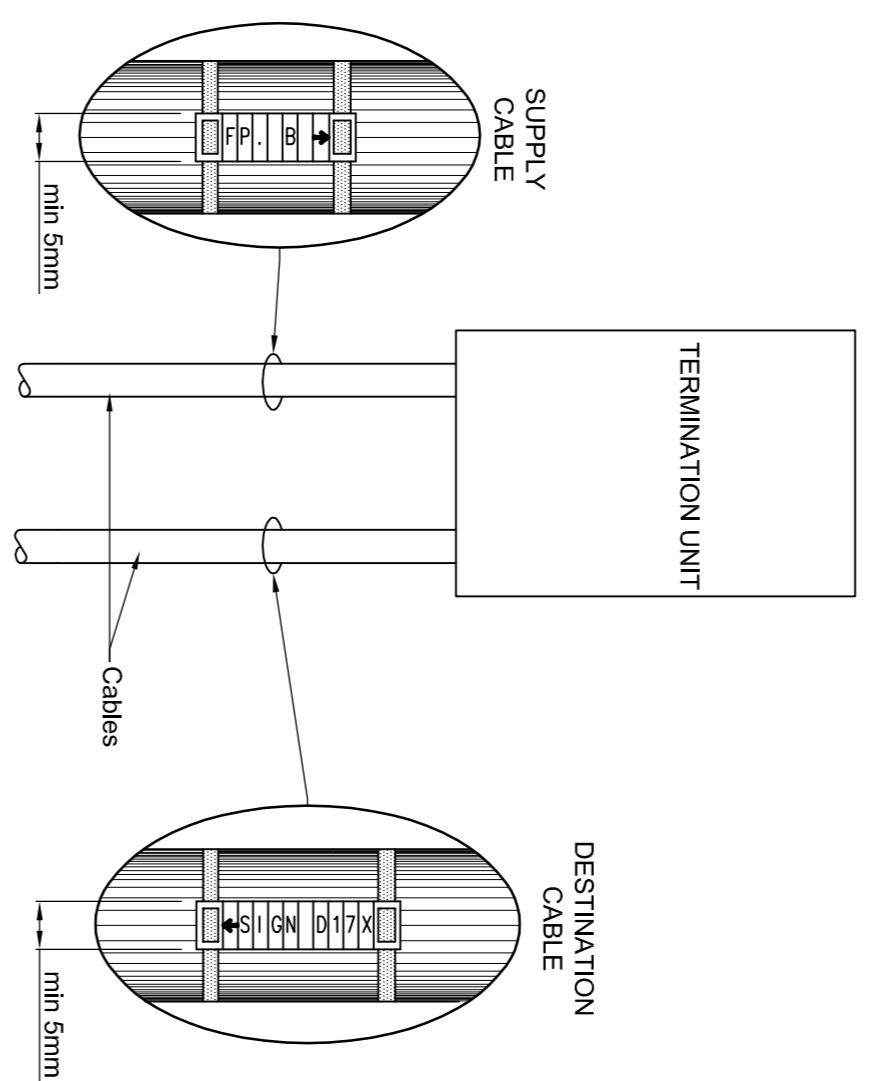
FEEDER PILLAR FOUNDATION DETAIL



NOTES FOR FOUNDATION

1. Cable entries shall be sealed with duct sealant.
2. Where Precast Foot Feeder Pillars are provided the depth of the concrete below the depth of the feeder pillar root (Minimum of 450mm subject to agreement with the Engineer).
3. Cable entry layout may be altered to suit cabling arrangements.

SOURCE / DESTINATION LABELLING DETAIL

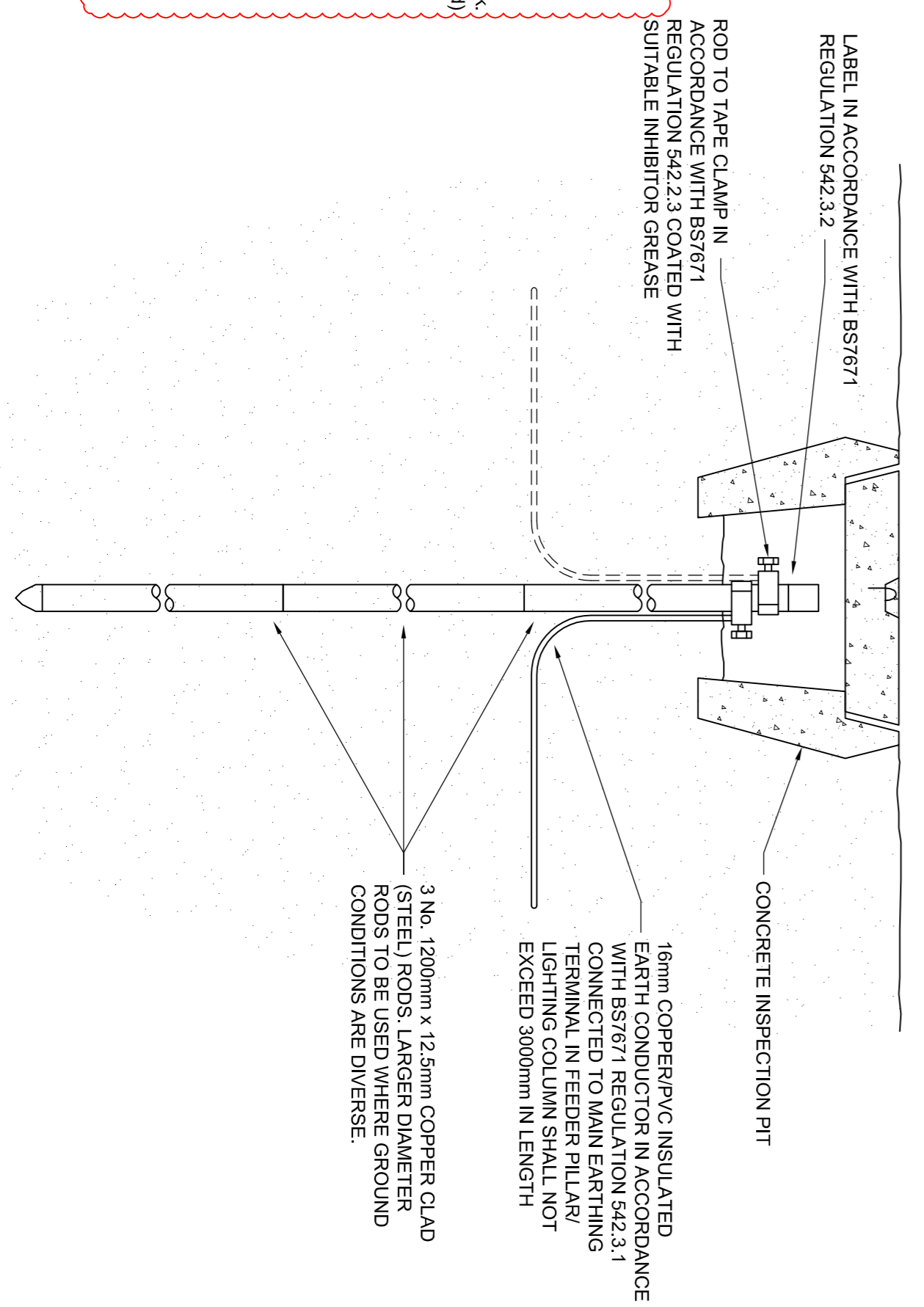


LABELLING NOTES:

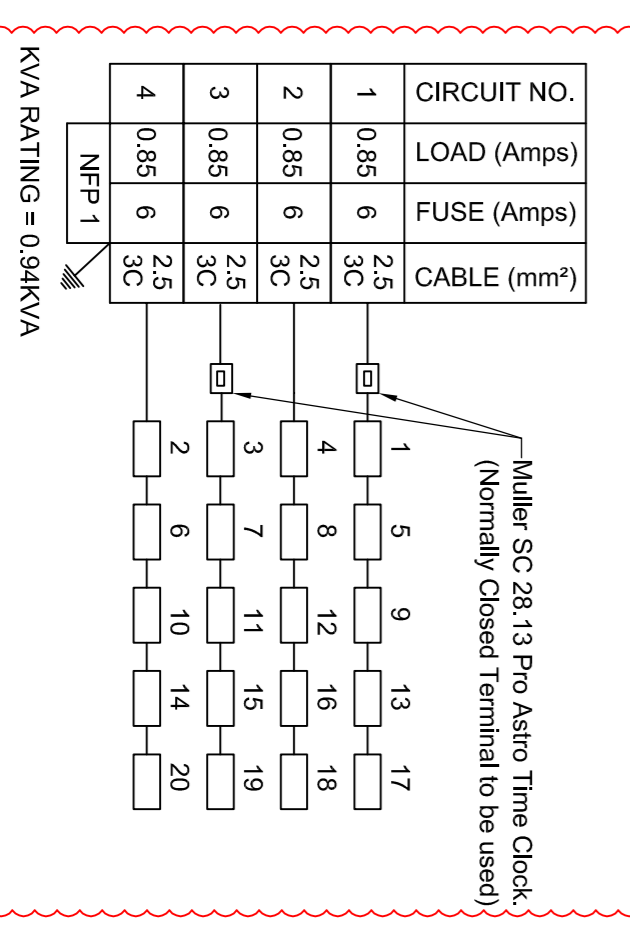
1. All appropriate cables in feeder pillars, columns or staps shall be marked to indicate the supply source/destination. Final details to be specified by the Engineer.
2. All cable markers shall be black on white background and shall be manufactured from plasticised PVC and held in position with black plastic tie wrap or similar approved by Engineer.
3. Each source/destination label shall be a maximum of fifteen alphanumeric characters.

CROSS SECTIONAL AREA OF PHASE CONDUCTOR mm ²	MINIMUM CROSS-SECTIONAL AREA OF THE CORRESPONDING PROTECTIVE CONDUCTOR mm ²
S < 16	6
S > 16	16

EARTH PIT AND EARTH ELECTRODE DETAIL



SCHEMATIC WIRING LAYOUT



NOTES:

1. All dimensions are in metres & millimeters unless otherwise stated.
2. The Feeder Pillar backboard shall be constructed from 15mm marine grade ply.
3. Before installation of electrical equipment the Feeder Pillar backboard shall be treated with a moisture repellent clear lacquer.
4. All switches shall be provided with BS88 Part II fuse links, rated according to the Engineers requirements.
5. All distribution boards shall incorporate BS88 Part II fuse links in each available outgoing way. The fuse links shall be rated according to the Engineers requirements.
6. The Contractor shall include for all interconnecting wiring and accessories.
7. All interconnecting wiring shall be PVC/PVC Insulated.
8. PVC/PVC Insulated copper cables intended for connection into DNO cut-outs shall be a minimum of 1 metre in length.
9. An earth assembly incorporating a 10mm diameter hole, locknuts and washers shall be installed on the pillar shell above ground level.
10. All equipment shall be bonded to a dedicated 10 way brass earth block.
11. All electrical equipment shall be metal clad unless stated otherwise.
12. Cable identification markers shall be installed on all outgoing cables as detailed on drawing.
13. All electrical equipment shall be labelled as detailed on drawing.
14. A waterproof schematic diagram of all the outgoing circuits from the pillar shall be installed in the internal door of the pillar.
15. A plastic engraved label with 20mm high black lettering and yellow background shall be fixed to the outer door of the feeder pillar. The legend shall read "DANGER 240V" or "DANGER 415V" on line 1 and "FEEDER PILLAR NO. ..." on line 2.
16. Feeder Pillar foundations shall be constructed in accordance with drawing.
17. Underpass LED Settings: Daytime(DAWN) - All 20 LEDs Permanently ON, Night-time (DUSK) - 10 LEDs ON with the remaining turned off.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
In addition to the responsibilities normally associated with the type of work detailed on this drawing, note the following:
CONSTRUCTION
MAINTENANCE / CLEANING
DECOMMISSIONING / DEMOLITION
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

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Project: **BEHILL TO HASTINGS LINK ROAD STREET LIGHTING DETAILS**

Drawing title: **ISSUE FOR CONSTRUCTION**

Scale: **DO NOT SCALE**

Job No: **B1297000-PH2**

Client No: **NTS**

Drawing number: **B1297000-PH2/1300.01a/0006 C2**