

NOTES:

GENERAL NOTES

1. These notes are to be read in conjunction with Drg Nos SD/14/2-10
2. All dimensions are in metres unless otherwise stated.
3. The feeder pillar shell shall be constructed from galvanised steel.
4. Out-going termination as per Drg No SD/14/7.
5. The feeder pillar backboard shall be constructed from 15mm Marine grade ply.
6. Before installation of electrical equipment the feeder pillar backboard shall be treated with a moisture repellent clear lacquer.
7. All switch fuses shall be provided with BS 88 : Part 2 fuse links, rated according to the Engineer's requirements.
8. All distribution boards shall incorporate BS 88 : Part 2 fuse links in each available out-going way. The fuse links shall be rated according to the Engineer's requirements.
9. The Contractor shall include for all inter-connecting wiring and accessories.
10. All inter-connecting wiring shall be PVC/PVC insulated.
11. PVC/PVC insulated copper cables intended for connection into Electricity Authority cut-outs shall be a minimum of 1m in length.
12. An Earth assembly incorporating a 10mm diameter bolt, lock nuts and washers shall be installed on the side of the pillar shell above ground level.
13. All equipment shall be bonded to a dedicated 10 way brass Earth block.
14. All electrical equipment shall be metal clad unless stated otherwise.
15. Cable identification markers shall be installed on all out-going cables as detailed on Drg No SD/14/9.
16. All electrical equipment shall be labelled as detailed on FIP pillar labelling details on Drg No SD/14/10.
17. A plastic engraved schematic diagram of all the out-going circuits from the pillar shall be installed in the internal door of the pillar.
18. 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 one and "Feeder Pillar" on line two.
19. All feeder pillars shall have a minimum ingress protection rating of IP34.
20. Cut-outs shall be integrated into the feeder pillar in accordance with the appropriate Electricity Authority's specific requirements.



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DEPARTMENT OF HIGHWAYS
TRANSPORTATION AND
WASTE MANAGEMENT



TITLE:	STANDARD DRAWING	STREET LIGHTING
	FEEDER PILLAR - NOTES	

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