FEEDER PILLAR NOTES

1. Each pillar shall be securely fixed in a concrete base. Details of the foundation are shown on drg. No.s SD/14/1A, B or C.

2. Feeder pillar shall be manufactured from 5 mild steel plate. Hot dip galvanised to BS EN ISO 1461 with Type G1a (LCC) finish and comply with BS EN 60529 having an Ingress Protection (I.P.) 54 min.

3. Back boards shall be at least 15 thick and of varnished marine plywood.

4. Feeder pillars shall not incorporate centre posts in the door opening.

5. Feeder pillar doors shall be fixed to the vertical sides of the pillar with heavy duty brass or Stainless Steel hinges and with a substantial mechanical door arrester to avoid wind movements when open.

6. Door locks shall be Stainless Steel heavy duty, operated by standard tri-head key with stainless steel screw in security cover. Each pillar is to be supplied with 3 No. keys.

7. The base of each Feeder pillar shall be filled to 25 below the door and to a minimum depth of 50 with bitumen compound.

8. The main isolator for single phase supplies shall be a lockable single phase and neutral switch fuse. The main isolator for a three phase supply shall be a lockable three phase and neutral 4 pole switch fuse. All poles to be switched.

9. All other electrical equipment within the feeder pillar shall be bonded to the main earth terminal (minimum c.s.a. 16mm²).

10. Cables to the Electricity Company cut-out to be a minimum of 1m in length (including 16mm² earth cable) left coiled and taped for the Electricity Company supply.

11. Provision shall be made to install a service cable entry duct to Electricity Company requirements. (see SD/14/1A, B or C.)

12. Outgoing cables shall be terminated using brass glands to E1W of B.S. 6121 complete with brass lock nuts or rings, brass earth tags and P.V.C. shroud.

13. P.P.V.C. cable identification markers shall be fastened with tie wraps to each outgoing cable. The numbering to be agreed with the Engineer.

14. Earth electrodes shall be installed adjacent to the feeder pillars in accordance with SD/14/4H.

15. Self adhesive electricity warning and voltage labels together with L.C.C. Feeder Pillar Number Label, shall be fixed to the outside face of the feeder pillar door.

16. As fitted schematic diagram with 5 high lettering identifying all circuits and encased in laminate plastic to be fixed with contact adhesive to the inside of the feeder pillar door. Diagram details to be agreed with the Engineer.

17. All works to be carried out in accordance with the specification and with the current Edition of the IEE Regulations.

18. Any alternative feeder pillar layout must be agreed with the Engineer prior to installation.

19. Heater cable to be heat, oil and fire resistant (H.O.F.R.) flexible 1.0mm².

20. All labels fixed to the backboard shall be of the traffolite type and fixed with brass or stainless steel screws.

21. An inspection and testing label shall be affixed inside the pillar clearly denoting the test date, next inspection date and the signiature of the inspector, name and company details. The recommended date of next inspection shall be 6 years hence.

22. PVC Wallet to be affixed to Feeder Pillar Internal Door to allow storage of relevant Documentation.

Rev:	Date:	Description:	Approved by:
A1	04/01/22	Dwg reference amended to notes 1/11 & 14 Note 9 - change 10mm² to 16mm²	PC

AMENDMENT DETAILS

Lincolnshire COUNTY COUNCIL *Working for a better future*

Checked by:	PC	Approved by:	SB
ISSUED		04/12/14	

Feeder Pillar Notes

This is a typical detail and may require conversion to a full scheme specific drawing.

NOT TO SCALE (all units in millimetres)

SD/14/1 Standard Detail Number

A1 Revision Number

Electrical Works

SD/14/1

A1 Revision