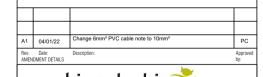
## Notes

- 1. Pillar shall be securely fixed in a concrete base.
- 2. Feeder pillar shall be manufactured from 3mm mild steel plate, hot dip galvanised to BS EN ISO 1461 Type G1a (LCC) root finish.
- 3. Feeder pillar to be built to IP54. Door seal to IP65.
- 4. Feeder pillar to have flush fitting folded steel door c/w heavy duty stainless steel block hinges and foam gasket door seal. To have two stainless steel tri-head self locating locking bolts.
- 5. Backboard to be minimum 15mm thick treated plvwood.
- 6. The base of the feeder pillar to be filled to a minimum depth of 50mm with bitumen compound, ducts to be sealed with expanding foam.
- 7. All fused cut-outs to comply with Clause 1416.
- 8. Private network cables shall be terminated using brass glands to class E1W of BS 6121 c/w brass locknuts or rings and PVC shrouds.
- 9. Self adhesive electricity warning and voltage labels together with L.C.C. Feeder Pillar Number Label shall be fixed to the outside of the feeder pillar door.
- 10. All works to be carried out in accordance with the Specification and with the current edition of the IEE wiring regulations.
- 11. Fit two fuse carriers for additional outgoing circuit.



Lincolnshire

COUNTY COUNCIL

Working for a better future Checked by: Approved by: **ISSUED** 02/12/14

Feeder Pillar Type 4

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

NOT TO SCALE (all units in millimetres)

Before making use of this detail, any designer or third party must ensure that it satisfies all requirements of the scheme to which it is being applied. Lincolnshire County Council accept no responsibility for third party use of this Standard Detail.

Feeder Pillar Type 4 - One Phase - One Outgoing Circuit Shown

Lockable enclosure with

separate DP switch, BS

connector mounted on a

88 fuse and earth

Suitable cable cleat

6mm<sup>2</sup> PVC double insulated

-10mm<sup>2</sup> multi stranded earth cable

Brass gland plate and brass fixing

screws with brass cable glands. brass locknuts and PVC shrouds.

PPVC cable identification marker

Example of cable identification marking

Crimped lug connection for bonding conductor.

(see below for example of

marking)

Circuit protective

device located at

feeder pillar 1

steel din rail.

cables

10mm<sup>2</sup> multi stranded

To pillar door earth stud

PVC earth cable

Pillar earth stud-

Main earthing terminal

(White on red background)

Fuse to be 16A

SAFETY ELECTRICAL CONNECTION - DO NOT REMOVE

unless otherwise specified-

Label for Electricity Co. supply

WARNING PME SUPPLY

ELECTRICITY COMPANY

Black PVC thick walled duct

50/100 HDPE thick walled duct

to Appendix 5/2 (orange)-

Bitumen compound-

(min. depth 50mm)

Electricity Co. cut out

SD/14/1G

 $\triangleright$ 

4

Disclaimer :