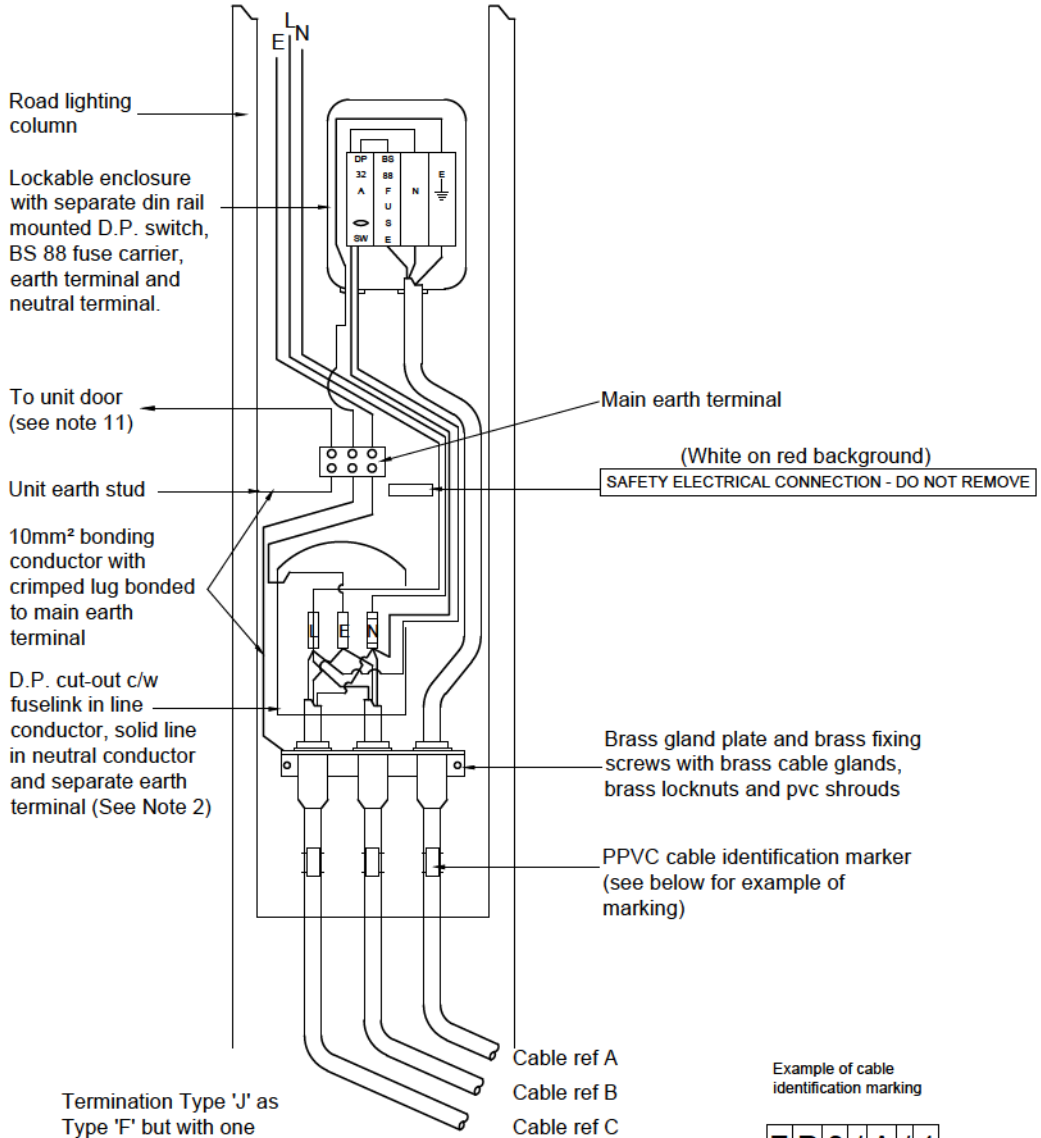
LOOPED L.C.C. SUPPLY CABLES INTO COLUMN WITH 1 No. PROTECTED OUTGOING SUB CIRCUIT



Notes

1. All dimensions are in millimetres unless stated otherwise.
2. All fused cut-outs shall comply with Clause 1416 and BS 7654 and shall be c/w earth terminal and provide D.P. isolation on removal of the fuse/neutral link carrier. Sequence of connection to disconnection shall be NL-LN respectively.
3. H.R.C. fuses shall be to B.S.88 Part 2 with current ratings as shown in the drawings and/or specification.
4. Gland plates shall only be an integral part of the cut-out if agreed or directed by the Engineer.
5. Private network cables shall be terminated using brass glands to class E1W of B.S. 6121 complete with brass locknuts or rings and PVC shrouds.
6. All cable terminations within lighting columns and lit sign units shall comply with Clause 1423.
7. Where underground cables with conductors in excess of 10mm² are to be terminated, cut-outs with extension boxes shall be used.
8. All column internal wiring shall be cut to the correct length allowing for drip loops where necessary and installed in compliance with Clause 1419.
9. Size of cable connecting cut-out to lantern shall be:-
   Units up to 6m M.H. - 1.5mm² PVC/PVC single core
   Units over 6m M.H. - 2.5mm² PVC/PVC single core.
   Earth wire to be PVC insulated and of equal size to phase and neutral conductors.
   BS6004 Arctic Grade PVC Flex Cord may be used as an alternative.
10. Unless otherwise specified, all earthing shall comply with Clause 1420.
11. With the exception of doors of concrete columns fed from a P.M.E. service, all column doors and sign posts are to be earthed using a 10mm² flexible earth cable with sufficient cable for the door to be laid flat on the ground.
12. Cables supplying a sign from a column shall be separately fused.
13. Cables supplying a bollard from a sign or a column shall be separately fused.
14. Cables supplying a sign from a sign Do Not require separately fusing.
15. Cables supplying a column from a column Do Not require separately fusing.
16. Door fixing bolts shall be coated with protective grease.
17. All works to be carried out in accordance with the Specification for Highway Works and with the current edition of the I.E.E. Wiring Regulations.
18. All labels to be of the traffolite type fitted with screws.
19. Class 2 lanterns shall not be provided with an earth cable.
20. Interconnecting wiring to be suitably rated in accordance with the circuit protective device.
21. Outgoing sub circuits shall be protected via a lockable unit containing a D.P. switch with M.C.B. or fuse carrier.

Rev:	Date:	Description:	Approved by:
A1	05/01/22	6mm² changed to 10mm² Amendment to note 9	PC

AMENDMENT DETAILS

Lincolnshire COUNTY COUNCIL

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

Termination Type F & J

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

NOT TO SCALE (all units in millimetres)

Disclaimer : 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.

Electrical Works

SD/14/4F

A1 Revision

SD/14/4F Standard Detail Number

A1 Revision Number