

All dimensions are in millimetres and are the minimum requirement.

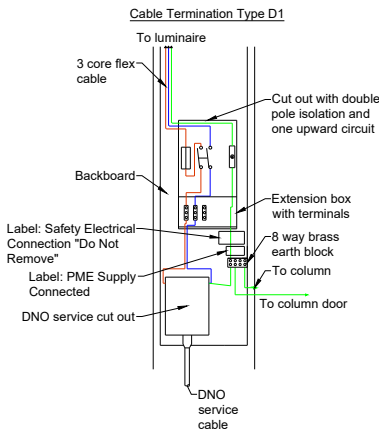
Lighting Column Foundation:

- The distance between lower edge of column door and finished ground level shall be in accordance with manufacturer's installation requirements to ensure correct planting depth is achieved.
- Column foundation shall be determined from DMRB CD354 Design of Minor Structures for the site ground conditions.
- A layer of ST4 concrete 75mm thick shall be placed and compacted in the bottom of the excavation up to the base of the column.
- The excavation into which the column is placed shall be backfilled with ST5 concrete, well compacted by vibration over the full planting depth of the column.
- A service duct of 50mm internal diameter shall be formed through the concrete backfill from cable entry slot. The duct shall be capable of retaining it's cross-sectional shape during compaction.
- The service duct shall be colour coded in accordance with the requirements of
- The cable entry slot shall be temporarily plugged as necessary in order to prevent any ingress of material during backfilling operations.
- The use of sleeves, pipes, duct and the like shall not be permitted to form column foundations.
- Alternative column foundations will be considered for passive safe columns and where local conditions, such as bridge decks, preclude full planting depth.
- Column planting depth shall not be altered or shortened by the removal of column material.
- Shall comply with the requirements of Cumbria Design Guide, Appendix 10.

Service Duct:

- A service duct of 50mm internal diameter shall be formed through the concrete backfill from cable entry slot. The duct shall be capable of retaining it's cross-sectional shape during compaction.
- The service duct shall be colour coded in accordance with the requirements of, National Joint Utilities Group - Guidelines on the Positioning and Colour Coding of Underground Utilities' Apparatus.
- Shall comply with the requirements of Cumbria Design Guide, Appendix 10 and SD-500 Series drawings.

1:10 Column Foundation Detail



NTS Column Termination Detail

Termination Notes:

- All fused cut-outs shall provide double pole isolation and lock "Off" facility.
- All equipment, cable terminations, wiring and earthing shall comply with the requirements of Cumberland Council.
- All equipment shall be fixed to the backboard using stainless steel screws.
- Protective devices shall be of a suitable type and rating for the circuit being protected.
- Interconnecting wiring shall be suitably rated in accordance with the circuit protective device.
- Cable glands shall be to CW type for armoured cables and A2 for split concentric cables.
- Supply cables between cut-out unit and luminaire shall be PVC or XLPE insulated and sheathed single, multi core or composite cable to BS 004 of 300/500 Volt grade. phase and neutral copper conductors shall not be less than 1.5mm² in cross sectional area.
- All cut-outs shall be supplied with integral earth terminal blocks.
- Tri-rated earth cable connections to the column door shall be a minimum of 6mm² and not less than half of the main supply bonding conductor size.

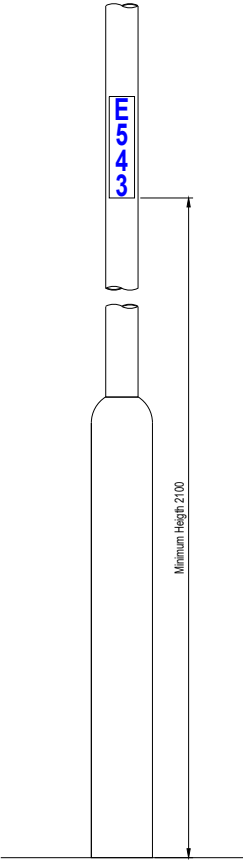
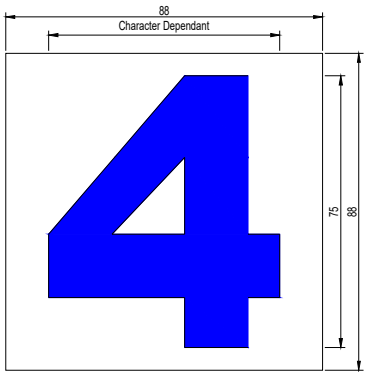
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Unit Identification Label:

- Unit identification numbers shall comprise of, separate, self adhesive, 75mm high blue numerals or letters on a white background.
- Unit numbers shall be mounted at a minimum from ground level:

Lighting Columns: 2100mm
Illuminated Signs: 1500mm

- Unit numbers of more than one character shall be affixed vertically with first character of the number uppermost.
- Large and medium feeder pillar unit numbers shall be mounted horizontally at uppermost left hand corner of access door.
- Mini feeder pillar and wall mounting supply box shall be numbered vertically with first character uppermost on access door.



1:1 Unit Identification Number Detail

TO BE PRINTED IN COLOUR

DRAFT



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Project Aldi, Preston Street,
Whitehaven S278
Drawing Standard
Detail
Drawing

Drawn by KH Date: 22/05/2025
Checked by PB Date: 22/05/2025
Drawing No. SLDS-4560-1401 Revision P0

Drawing Scale: As Shown Plot Scale: As Shown
Sheet size A1

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