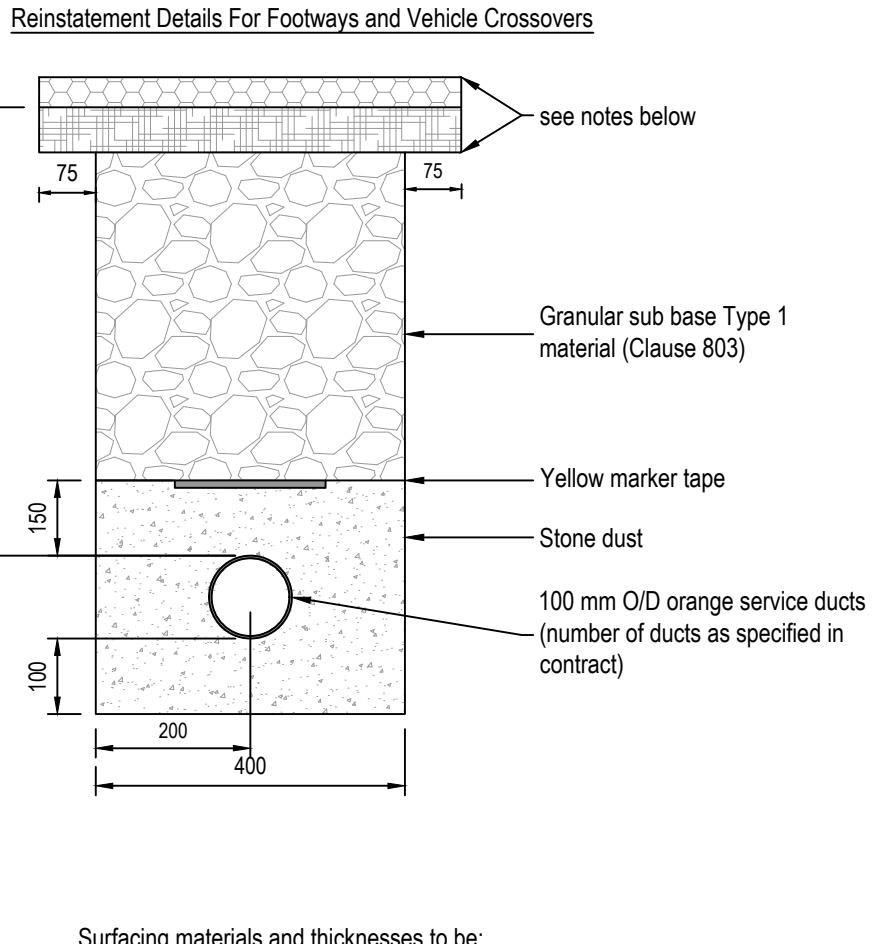
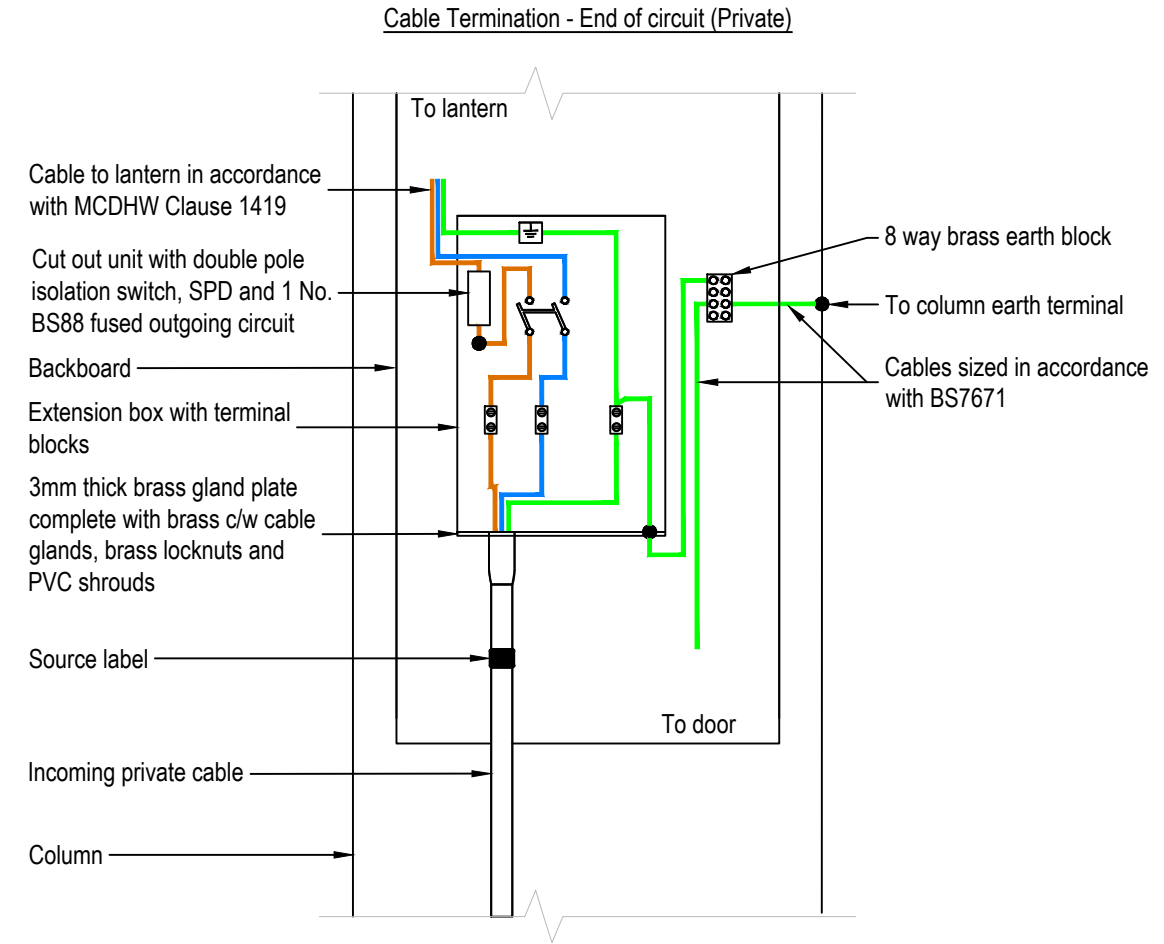
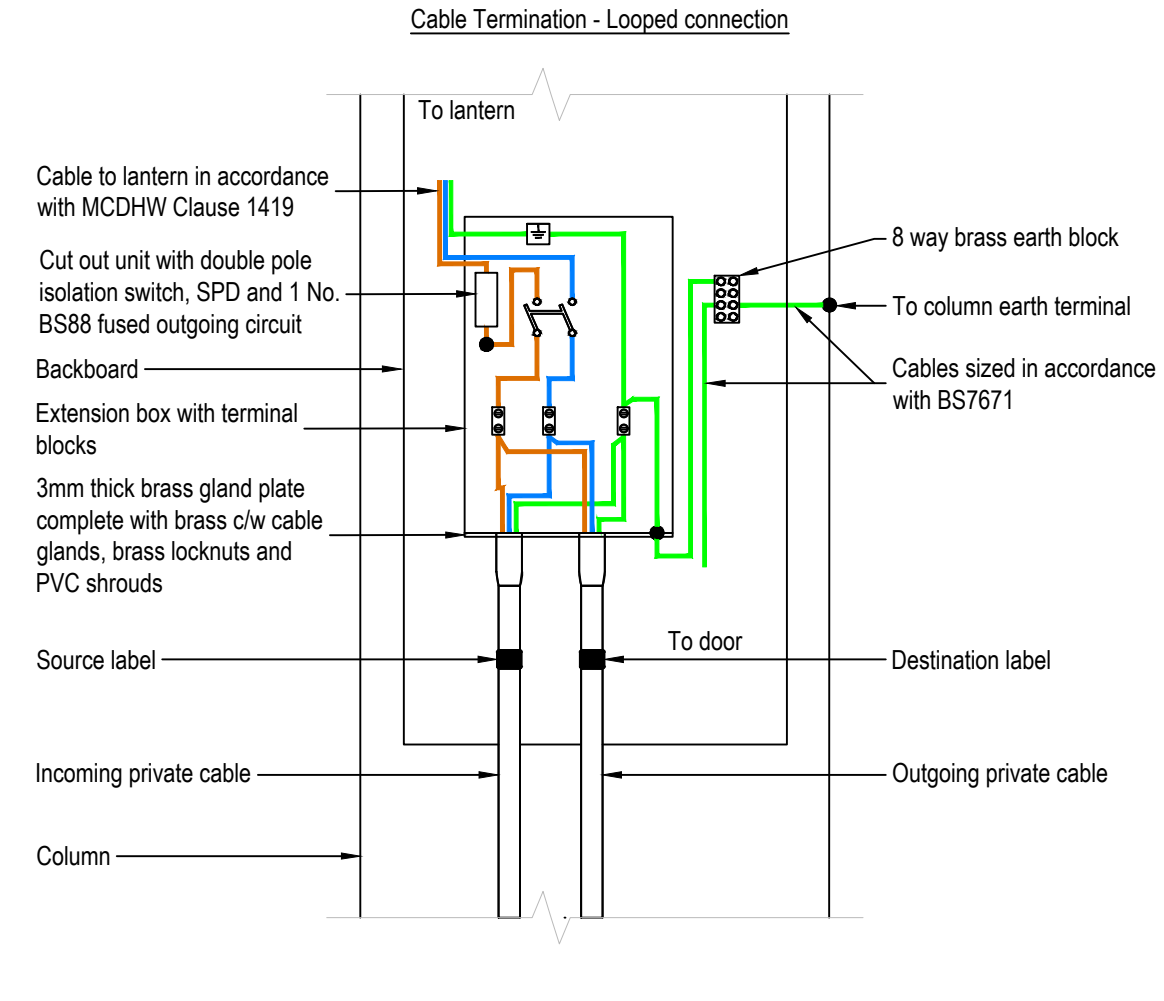
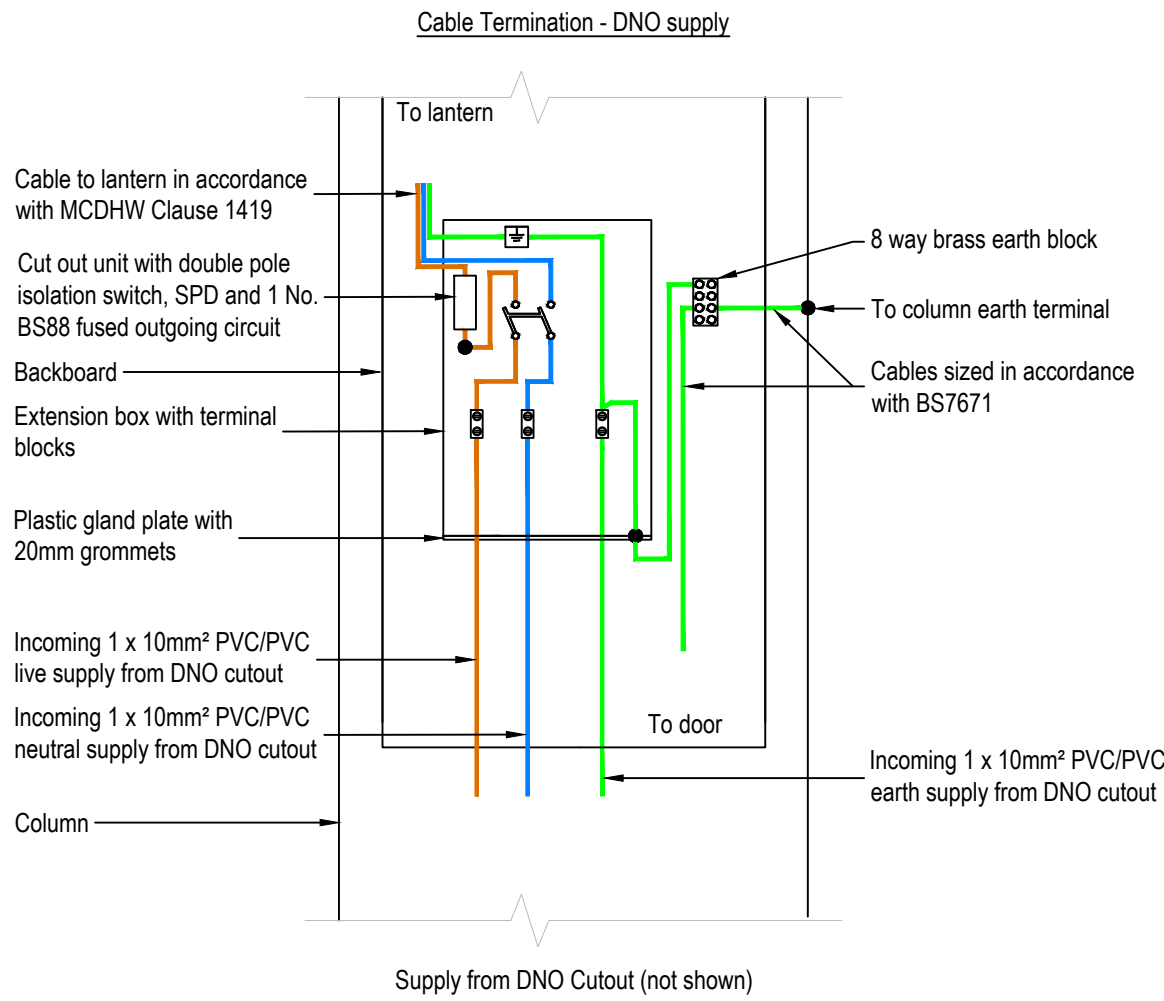
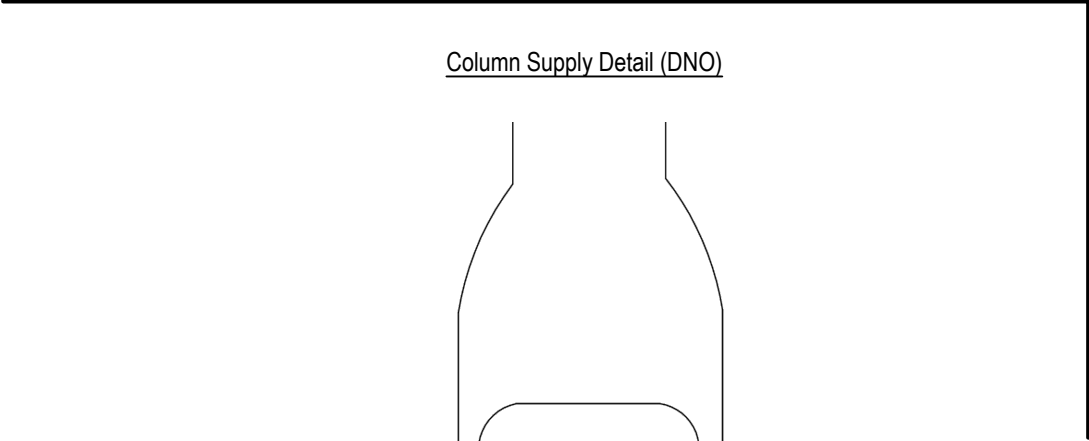
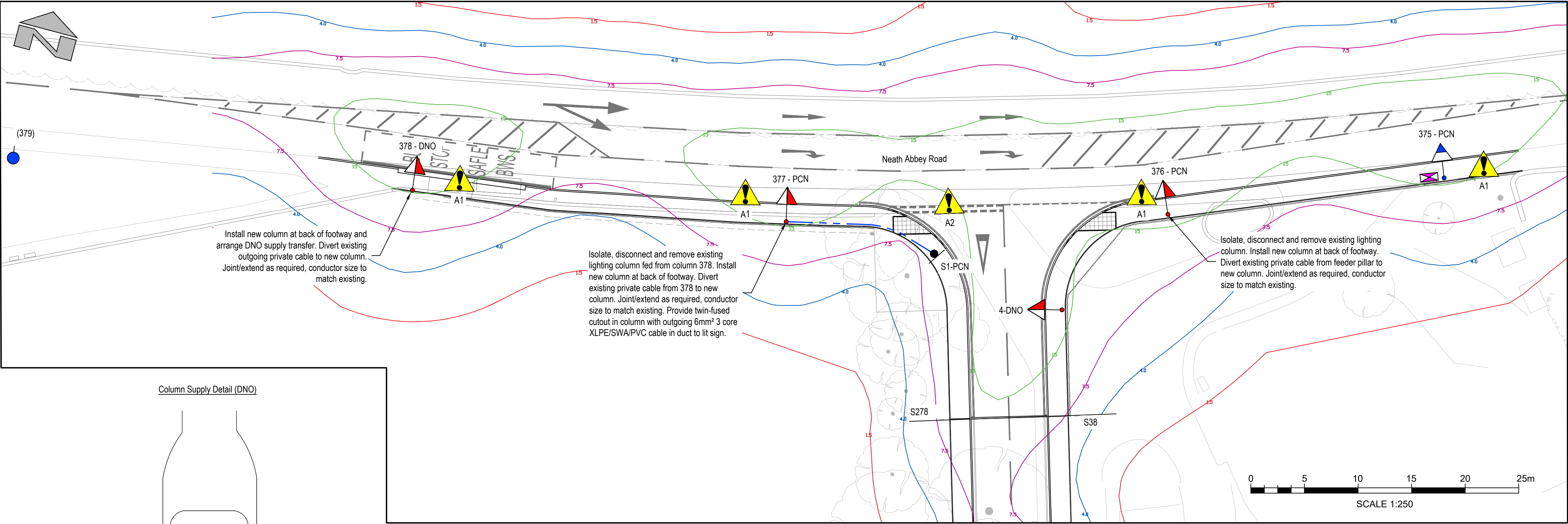
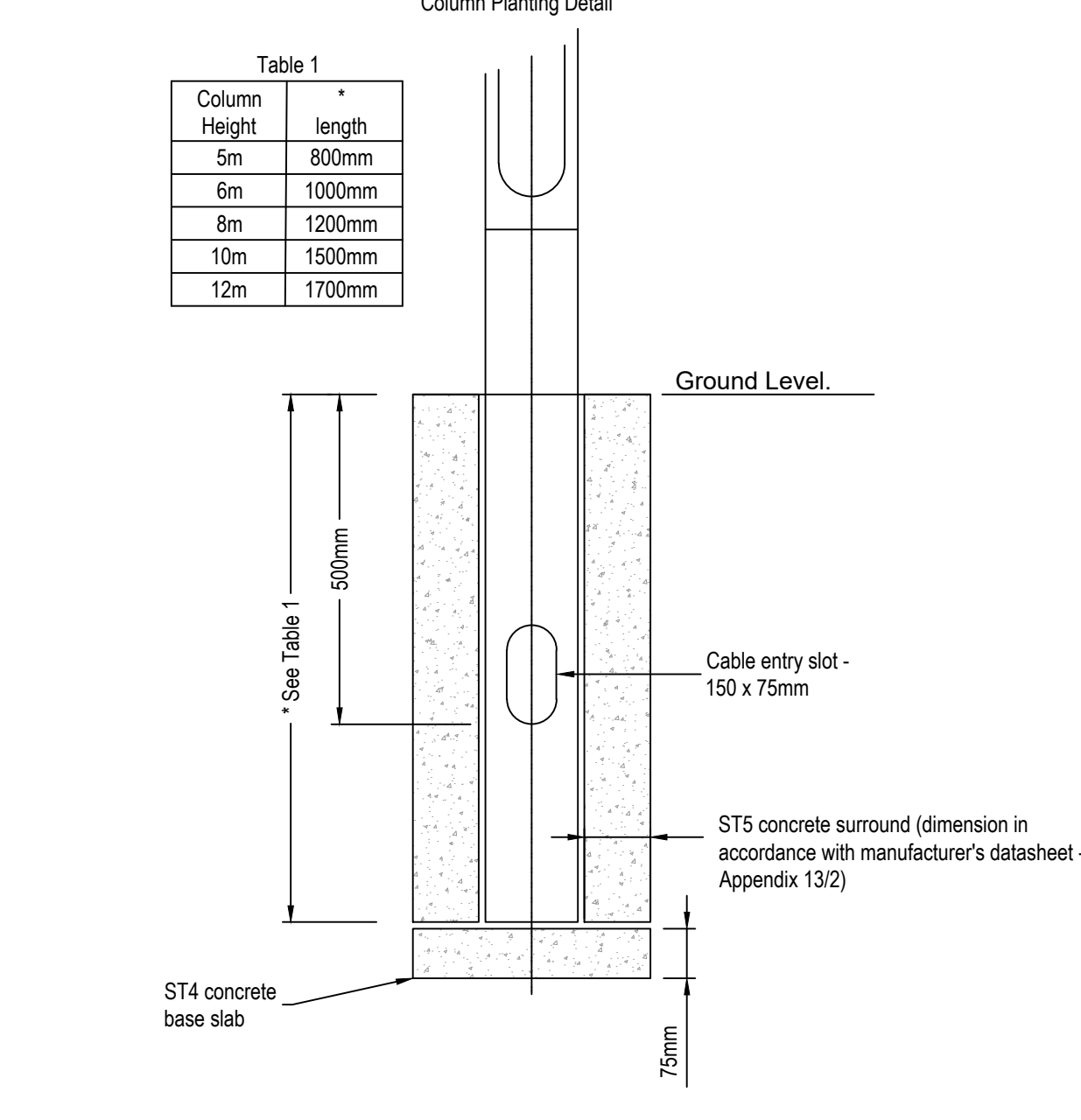


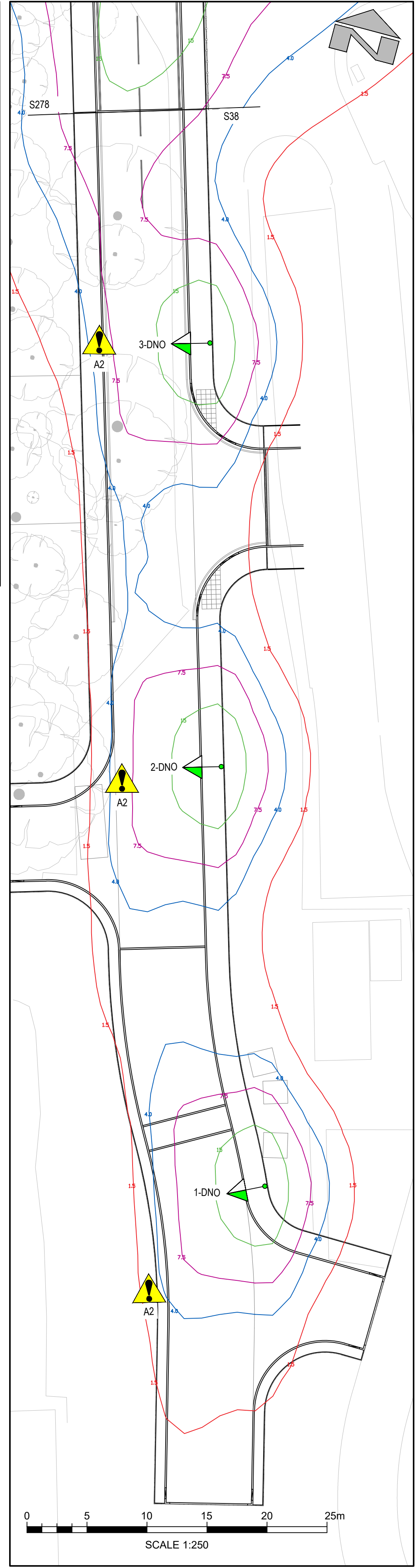


- Surfacing materials and thicknesses to be:
- Continuous with either:
 - Proposed adjacent materials in contract drawings; or
 - Existing pavement materials where proposed resurfacing not required;
 - 20mm Surface Course - AC6 med surf 160/220 Pen
60mm Binder Course - AC20 dense bin 100/150 Pen



Column Height	length
5m	800mm
6m	1000mm
8m	1200mm
10m	1500mm
12m	1700mm

- The column shall be installed in accordance with the manufacturer's specific instructions.
- The hole shall be excavated to the depth required for the root of the particular column, keeping the width of the hole to a minimum & creating as little disturbance as possible to the surrounding soil.
- A concrete or paving slab shall be provided in soft ground to prevent sinking.
- A pre-formed duct shall be inserted to the cable entry slot for protection of the cable.
- Where paving or bituminous surfacing is to be applied around the lighting column, the top level of the concrete may be lowered by the thickness of the surfacing.
- The soil type factor shall be taken from PD6547/EN 40 Part 2. For undetermined or unusual conditions guidance should be sought from a Geotechnical Engineer.



- Key**
- 10.0m galvanised steel lighting column with 1.25m bracket outreach and side-entry mounted Thorn Isaro Pro L/IP60/4000K/350mA/TR/10 kim LED luminaire with 7 pin NEMA socket c/w DALI enabled driver and 5 pin Telensa Telecell.
 - Isolate, disconnect and remove existing luminaire. Fit new side-entry mounted Thorn Isaro Pro L/IP60/4000K/350mA/TR/10 kim LED luminaire with 7 pin NEMA socket c/w DALI enabled driver and 5 pin Telensa Telecell.
 - 6.0m galvanised steel H/S lighting column with integral 0.5m outreach arm and side-entry mounted Thorn Isaro Pro L/IP12/4000K/1050mA/ES/5.13 kim LED luminaire with 7 pin NEMA socket c/w DALI enabled driver and 5 pin Telensa Telecell.
 - Existing column to remain
 - Existing feeder pillar
 - Lit traffic sign c/w Simmondsigns LUA/LED sign light (or similar approved) with integral mini-cell switch on/off of 70/35 lux.
 - Proposed single way 100mm internal diameter UPVC service duct laid with a depth of cover of 500mm in verge and footways.
 - Horizontal illuminance (contours indicate projected lux values at ground level, excluding the screening effect of buildings, trees, hedges, etc.)



Rev	Drawn	Checked	App'd	Description	Date
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Purpose of Issue
S4 - Suitable For Approval

Classification
Confidential

Client
Aldi Stores Ltd

Project
Abbey Road, Neath

Drawing
S38 & S278 Street Lighting

Scale @ A1	Drawn	Checked	Approved
1:250	JF	JR	MB

Project No.
GC3907

Date
7th June 2021

Drawing Identifier
GC3907-CAP-79-XX-DR-E-1301

BS1192 Compliant
revision
P01

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