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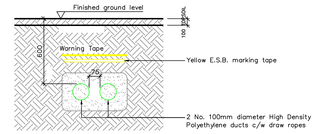
## Notes:

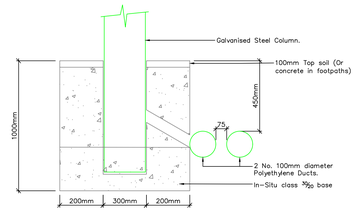
1. The electrical services to the public lighting installations shall be fully in compliance with "Nationals Rules for Electrical Installations" Fourth Edition, including all amendments.
2. All ESB Networks underground cable ducting shall be supplied and installed fully in compliance with document No. DTIS–230908–BUV

### Symbols Reference:

- **S 13w LED 4000k Pole Mounted Luminaire with 6m High.
- **C 19w LED 4000k Pole Mounted Luminaire with 6m High.
- **E 13w LED 4000k Pole Mounted Luminaire with 6m High.
- New x2 100mmø Polythene ducts for public lighting 600mm deep
- CCTV — CCTV Camera mounted on high tensile steel and hot dip galvanised with 6m high.
- ESB Minipillar
- New 2 No. 100mmø PVC ducts for security services.
- ESB Networks Underground Cable Ducts.

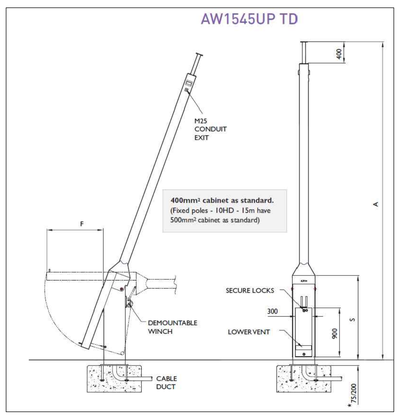



Detail Section A–A




Lamp Standard Foundation (Direct Planted Root)

Note: The complete external lighting underground ducting system shall be installed to allow for complete rewiring at future date.




Cabinet base pole Technical Specification

Cycle Path #1
Results – Horizontal Illuminance (lux)
Eav= 4.50
Emin= 0.91
Emax= 13.91
Emin/Emax= 0.07
Emin/Eav= 0.20

Cycle Path #2
Results – Horizontal Illuminance (lux)
Eav= 4.43
Emin= 0.87
Emax= 13.93
Emin/Emax= 0.06
Emin/Eav= 0.20

Cycle Path #3
Results – Horizontal Illuminance (lux)
Eav= 4.49
Emin= 0.98
Emax= 14.12
Emin/Emax= 0.06
Emin/Eav= 0.20

Cycle Path #4
Results – Horizontal Illuminance (lux)
Eav= 4.48
Emin= 0.90
Emax= 14.09
Emin/Emax= 0.06
Emin/Eav= 0.20

Car Park
Results – Horizontal Illuminance (lux)
Eav= 15.90
Emin= 5.26
Emax= 50.47
Emin/Emax= 0.10
Emin/Eav= 0.33

Cycle Path #5
Results – Horizontal Illuminance (lux)
Eav= 4.48
Emin= 0.88
Emax= 10.54
Emin/Emax= 0.08
Emin/Eav= 0.20

Key
- Luminaire B Column
- Luminaire C Column
- Luminaire E Column
- Beam Aiming Target
- Photometric Centre

All Dimensions in metres

Luminaire Data:
Luminaire B AXIA 2.1 5165 Back & Front louvers 8 NVSL219CT 480mA NW 230V
Lamp B NVSL219CT 480mA 230V MF 0.83

Luminaire C AXIA 2.1 5165 Back louvers 8 NVSL219CT 690mA NW 230V 00–25–5
Lamp B NVSL219CT 690mA 230V MF 0.83

Luminaire E AXIA 2.2 5167 – 48 NVSL219CT 730mA NW 230V 00–14–563Integrat
Lamp 48 NVSL219CT 730mA 230V MF 0.83

Luminaire B

Luminaire C

Luminaire E

ISSUED FOR INFORMATION

0 40 80 120 160 200
METRES

| Revision | Issue: P–Preliminary T–Tender CN–Construction A–Approval I–Information | Date | Checked |
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| | Issued for Information. | ??–12–2019 | I01 M.G. |

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Racecourse Park,
Baldoyle.

Electrical Services Installation

Site Layout
Electrical Services Layout

| Drawing Number | Date | Scale | Drawn | Checked | Issue |
|---|---|---|---|---|---|
| 1906–E1000 | 25–02–2019 | Refer to Scalebar | J.S. | M.G. | I01 |