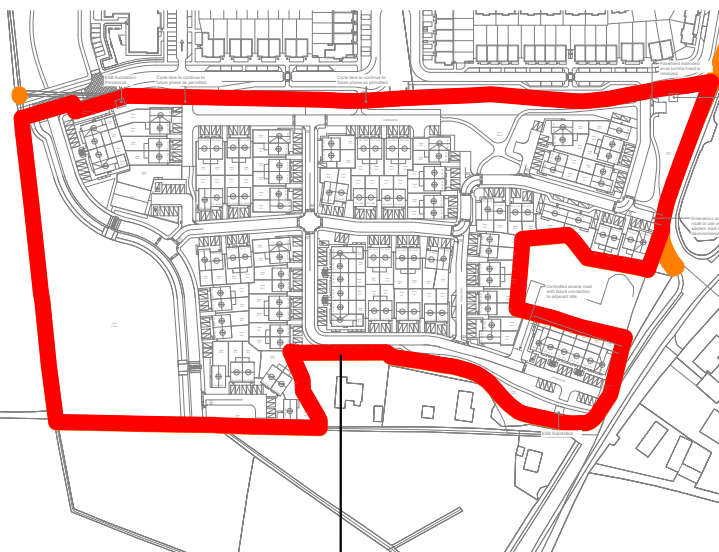




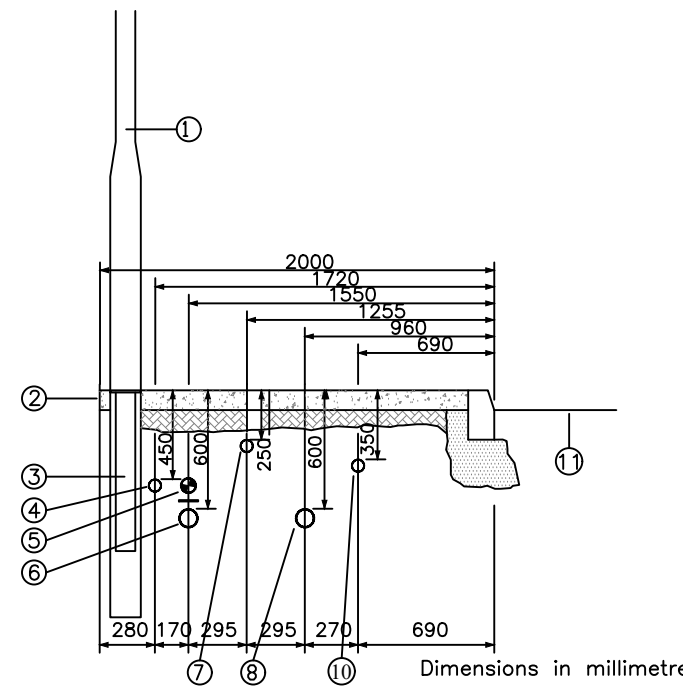
NO CONSTRUCTION WALL
WALL PLACES OUTSIDE OF
THE SITE BOUNDARY LINE

- Luminaire A Column
- Luminaire B Column
- Luminaire C Column
- Beam Aiming Target
- Photometric Centre

All Dimensions in mm

LEGEND:

- ☒ MICRO PILLAR (MCP-00)
- DENOTES NEW 110mmØ PUBLIC LIGHTING DUCT ROUTE
- DENOTES EXISTING 110mmØ PUBLIC LIGHTING DUCT ROUTE
- ☒ NEW ESB MINIPILLAR & CHARGER
- ▲ NEW PUBLIC LIGHTING MANHOLE



Typical arrangement of mains in a 2m footpath

Extract from I.S.329-2003

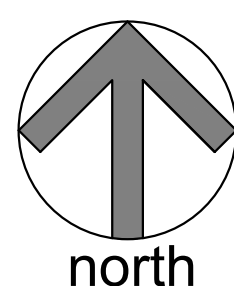
- 1 Lamp Standard
- 2 Boundary
- 3 Outside stop valve
- 4 Low voltage electrical (alternative position)
- 5 Low voltage electrical
- 6 High voltage electrical
- 7 Cable TV
- 8 Water
- 9 Telecommunications
- 11 Corridorway

MOUNTED ON 6 METRE POLE C/W GLARE SHIELD

PUBLIC LIGHTING NOTES

- This Public Lighting Scheme for the development has been designed to provide high quality public lighting throughout the public realm of the site. The external lighting design for this development has been designed to an independent lighting design specialist (Veolia Lighting Ltd) to ensure the necessary performance requirements as set out in the following standards:
 - a) National Rules for Electrical Installation (S101) 2020
 - b) BS6800:2018 Design of accessible and inclusive built environment
 - c) Dun Laoghaire Rathdown County Council Public Lighting in Residential and Industrial Areas Guidance Document, January 2022
 - d) Institution of Lighting Professionals - Guidance for the Reduction of Obtrusive Light (ENL) 2011
 - e) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - f) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - g) Chartered Institution of Building Services Engineers - Lighting Guide to the Exterior Environment
 - h) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - i) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - j) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - k) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - l) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - m) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - n) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - o) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - p) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - q) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - r) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - s) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - t) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - u) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - v) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - w) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - x) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
 - y) BS EN 12052-1 (2015), Code of Practice for the Design of Road Lighting
 - z) BS EN 12052-2 (2015), Road Lighting Part 2 Performance Requirements
- Ducting shall comply with BS EN 50086-1-2:2014 latest edition & shall be single wall, coloured RED & manufactured from high density Polypropylene. The nominal external diameter of the duct shall be 107mm with a nominal wall thickness of 3mm. Each length of duct shall be designed with the words "Public Lighting" or alternatively "Street Lighting" in 18mm BLACK lettering at 90 degree end alignment. At one end of the duct, duct shall be lead with the legend being upwards. Duct shall be laid in a straight line close to the line of the columns locations and shall contain a continuous drawwire of 600N strength. All ducts shall be proven with breath and marshall. Polypropylene rope and (plugged and completed with BS 10101 requirements. RED Duct shall be used for external lighting cables.
- A minimum depth of 400mm covers is required in Urban Pathways & a minimum of 600mm cover is required for grass verges, pedestrian ways, between the gateway entrances & a minimum depth of 700mm is required at road crossings or in carriageways.
- All equipment to be suitably IP rated for the environment they are being installed.
- All electrical supplies to the Public Lighting Scheme shall be from un-insulated Micro-Pillars, Supplied From Mini-Pillars as shown. The proposed Public Lighting Scheme is to be Taken in Charge by Dun Laoghaire Rathdown County Council Public Lighting Division once all design has been accepted and verified.
- Lighting Column Setback shall be 0.8M from Kerb in accordance with BS6800-1 Table 2.
- Where necessary, the Contractor to include a Light Shield to be fitted on each luminaire to avoid Back Spill.

Luminaire Data
Luminaire A Veelite Metro Streetlight 19w LED Forward Throw A Optic Lamp 8 LED 3000K G4 700mA MF 0.80
Luminaire B Veelite Metro Streetlight 19w LED Street Optic R03 Lamp 8LED 3000K G4 700mA MF 0.80
Luminaire C Veelite Metro Streetlight 14w LED Street Optic R01 Lamp 8LED 3000K G4 MF 0.80



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PROJECT

DRAWING NUMBER

DRAWING TITLE

DRAWN BY	CHECKED BY	DATE
REV	SCALE @ A0	STATUS