

REF: 'X5' LUMINAIRES

17W, 3000K, 1800mm, tilt angle 45°
MOUNTED ON LIGHTING
COLUMN
DIMS: 106 (D) x 78mm(H)



AS PER LUMINAIRE SCHEDULE

REF: 'X7' LUMINAIRES

26W, 4000K, 2815mm, POLE
MOUNTED LUMINAIRE ON 4m HIGH
COLUMN
DIMS: Ø 475mm x 590mm (H)



AS PER LUMINAIRE SCHEDULE

REF: 'X8' LUMINAIRES

5W, 3000K, 480mm, SURFACE
MOUNTED LUMINAIRE
DIMS: Ø 85mm x 110mm (H)



AS PER LUMINAIRE SCHEDULE

REF: 'X9' LUMINAIRES

4.8W/m, 2700K, 500mm/m, LED STRIP
MOUNTED ON 45° PROFILE, DIMMED
TO 50 %
DIMS: 10mm (W) x 4mm (H)



AS PER LUMINAIRE SCHEDULE

ISOLUX CONTOUR LINES REFERENCE KEY

5	5 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)
7.5	7.5 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)
10	10 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)
15	15 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)

SITE LIGHTING SYMBOLS REFERENCE KEY

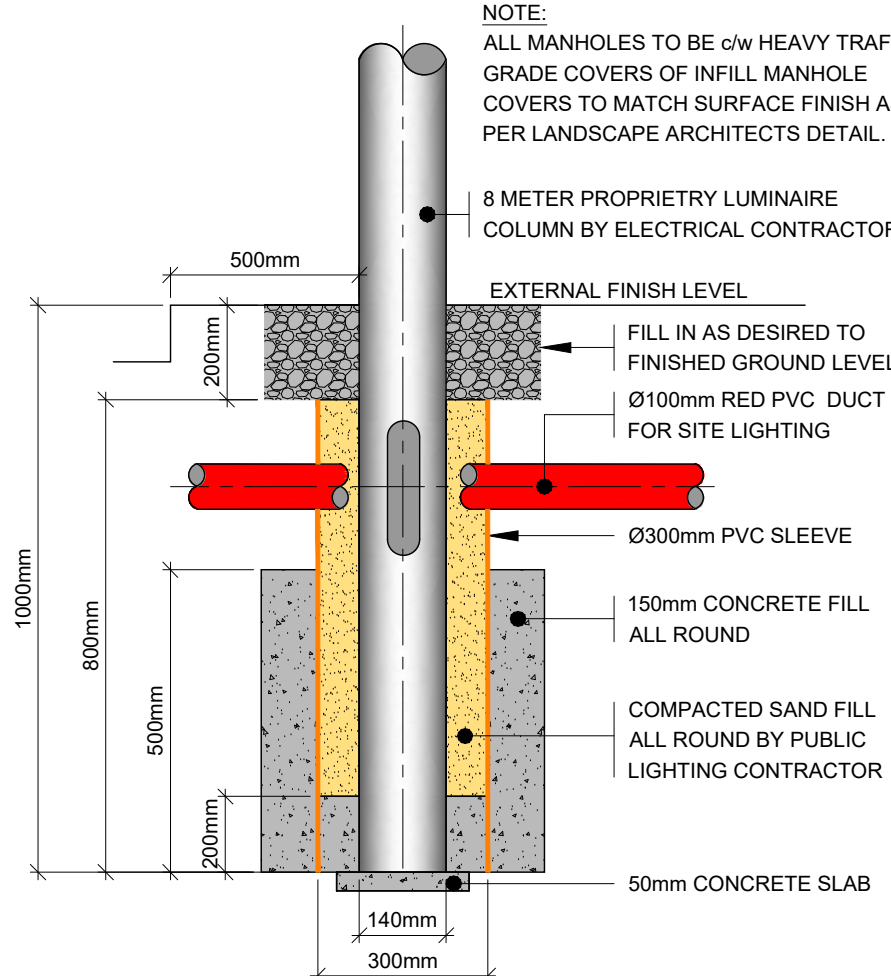
—	LIGHTING CIRCUIT
X5 / X6	STREET LIGHTING
X7	AMENITY SPACES
X8	AMENITY SPACES
X9	AMENITY SPACES
LC	LIGHTING COLUMN

SITE LIGHTING NOTES

- 1.00 LIGHTING POLES TO BE ALUMINIUM, ROOT MOUNTED, CONE SHAPED WITH TOP TAIL OF 60mm Ø 2W GLASS 4" 416mm" SHUNT TERMINAL CONNECTION BLOCK - HEIGHT 5m ABOVE FINISHED GROUND LEVEL 0w TILTING FACILITY TO ALLOW FOR EASE OF MAINTENANCE.
- 2.00 LIGHTING POLES TO ACCOMMODATE UP TO 3w LIGHT FITTINGS, FITTING BRACKETS TO BE SUITABLE FOR SPECIFIED POLE WITH TOP BRACKET FOR UPPER FITTING, DIRECTION OF FITTINGS TO BE CONFIRMED AND COORDINATED ON SITE.
- 3.00 ALL CABLING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 6mm² CABLES/SHALOW CONTAINED IN HDPE DUCTS.
- 4.00 ALL IN-GROUND HDPE DUCTS TO BE INSTALLED BY THE MAIN CONTRACTOR UNDER THE COORDINATION OF THE ELECTRICAL CONTRACTOR.
- 5.00 THE ELECTRICAL CONTRACTOR SHALL, PRIOR TO THE INSTALLATION, VERIFY THE CAPACITY OF THE IN-GROUND DUCT NETWORK TO THE MAIN CONTRACTOR.
- 6.00 EACH EXTERNAL LIGHTING LUMINAIRE SHALL BE SWITCHED BY MINATURE PHOTO-ELECTRONIC SWITCH INTEGRATED INTO THE LED LUMINAIRE SUCH AS THE SELC 8482 OR APPROVED EQUAL AND EACH LUMINAIRE SHALL BE INDIVIDUALLY CONTROLLED BY THIS PHOTOCELL.
- 7.00 THE PHOTOCELL USED SHALL COMPLY WITH THE LATEST VERSION OF BS5872. THE PHOTOCELL CONTROLL SHALL SWITCH ON/OFF THE LUMINAIRE AT 35/18 Lux RESPECTIVELY.
- 8.00 ALL OUTGOING CIRCUITS SHALL BE INDIVIDUALLY FUSED BY MEANS OF A 16 OR 20 AMP HRC CUT-OUT TYPE AND CAPABLE OF ACCOMMODATING CABLE SIZES UP TO 25mm². THESE FUSES SHALL BE RATED 20A MINIMUM RUPTURING CAPACITY AND SHALL COMPLY WITH BS88.
- 9.00 THE CONTRACTOR SHALL MAKE A FULL TECHNICAL SUBMITTAL TO THE DESIGN TEAM FOR ALL EXTERNAL LIGHTING FOR APPROVAL PRIOR TO ORDERING.
- 10.00 THE ELECTRICAL CONTRACTOR SHALL REFER TO IN2 ENGINEERING DRAWING No: E-0201 & E-0201 FOR ROUTING OF IN-GROUND DUCTS.
- 11.00 THE CONTRACTOR SHALL MAKE A FULL TECHNICAL SUBMITTAL TO THE DESIGN TEAM FOR ALL EXTERNAL LIGHTING FOR APPROVAL PRIOR TO ORDERING.



SLEEVE DETAIL FOR COLUMN LUMINAIRE



LIGHTING POLE DETAIL

6m HIGH CONICAL TUBULAR
STEEL LIGHTING COLUMN

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STATUS	DATE	DESCRIPTION	DRN	ENG	APP	REV
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STATUS	DATE	DESCRIPTION	DRN	ENG	APP	REV
S1	27.11.2025	ISSUED FOR PLANNING	DS	YP	JR	P01

PROJECT
White Heather Residential
White Heather Industrial Estate,
South Circular Road, Dublin 8
CLIENT
Palm Capital

DRAWING TITLE
ELECTRICAL SERVICES INSTALLATION
SITE PLAN
SITE LIGHTING ISOLINES LAYOUT

IN2 REF:
D2502

DRAWING No.
WHR-IN2-ZZ-ZZ-DR-E-0110

SCALE
1:200

SIZE
A0



STATUS
S1
REVISION
P01