



RIVERSIDE PATHWAY



REFERENCED DRAWINGS

REV. NO.	DATE	DRAWING No.	TITLE
C	29/04/22	PL-01	PL DESIGN LAYOUT
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Notes :-

- THIS DRAWING IS COLOUR CODED.
- EACH SERVICE SHALL BE INSTALLED IN FULL COMPLIANCE WITH THE STANDARD DUCT AND CHAMBER DETAILS PROVIDED BY THE NETWORK UTILITY - BORD GÁS, ESB, EIR, VIRGIN, CORK COUNTY COUNCIL.
- THE EXACT LOCATION OF SERVICES AND FITTINGS IS SUBJECT TO SITE REVIEW AND MEASURE BY THE ELECTRICAL CONTRACTOR.
- ALL DIMENSIONS ARE IN MILLIMETERS (mm), UNLESS OTHERWISE STATED.
- ALL EQUIPMENT DIMENSIONS AND SPECIFICATIONS SHALL BE CLARIFIED PRIOR TO INSTALLATION.
- THE LUMINAIRE TILT ANGLE SHALL BE ADJUSTABLE FROM 0 TO 10 DEGREES. 0 DEGREES IS THE DEFAULT SETTING.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE A STREET LIGHTING COMPLETION CERTIFICATE UPON COMPLETION AND COMMISSIONING.
- THE ELECTRICAL INSTALLATION SHALL COMPLY WITH:
 - IS 10101:2020
 - THE ETCI REGULATIONS ET102 FOR EXTERNAL LIGHTING
 - THE ESB ELECTRICAL SERVICES GUIDEBOOK.
 - CORK COUNTY COUNCIL PUBLIC LIGHTING GUIDELINES
- A PHOTOCELL, AND CORRESPONDING TEST SWITCH, SHALL BE FITTED TO EACH LUMINAIRE IN COMPLIANCE WITH COUNCIL GUIDELINES.
- THE GALVANIZED STEEL COLUMN SHALL HAVE A MINIMUM WALL THICKNESS OF 3mm AND COMPLY WITH BS EN 40.
- THE LIGHTING COLUMN MANUFACTURER SHALL BE REGISTERED AND CERTIFIED BY NSAI.
- CABLING SHALL BE STEEL WIRE ARMOUR TYPE TO B.S.5467/1,S.273 0.6/1.0kV.
- DUCTING SHALL HAVE MINIMUM COVER AS FOLLOWS:
 - 600mm IN GRASS MARGINS
 - 750mm AT ROAD CROSSINGS
- FINAL LANDSCAPING ARRANGEMENT TO BE COORDINATED WITH LAMP STANDARD LOCATIONS.

PUBLIC LIGHTING DUCTING LEGEND:

- TYPE A - PHILIPS BGP704 DW50 20,000Lm PROFILE U14 DIMMABLE C/W 80 LED WITH 1M OUTREACH AND MOUNTED ON 76mm OCTAGONAL GALVANISED ROOTED COLUMN OF 8m HEIGHT. IP67. IK09. 35/18 LUX ON/OFF.
- TYPE B - PHILIPS BGP531 T35 S GRN130 13,000Lm PROFILE U15 DIMMABLE LED WITH 1M OUTREACH AND MOUNTED ON 76mm GALVANISED AND PAINTED ROOTED COLUMN OF 6m HEIGHT. IP67. IK09. 35/18 LUX ON/OFF.
- TYPE C - PHILIPS BGP530 T35 S GRN40 4,000Lm PROFILE U15 DIMMABLE LED MOUNTED ON 76mm GALVANISED AND PAINTED ROOTED COLUMN OF 5m HEIGHT. IP67. IK09. 35/18 LUX ON/OFF.
- TYPE D - THORLUX PASSWAY PATHWAY BOLLARD 780Lm PROFILE U16 DIMMABLE MOUNTED ON 1200mm HIGH BOLLARD. IP67. IK09.
- TYPE E - GEMMA WESTMINSTER CONSERVATION PATHWAY BOLLARD 500Lm 2700K. PROFILE U16 DIMMABLE MOUNTED ON 950mm HIGH BOLLARD. IP67. IK09.
- 50Ø OD MDPE ESB APPROVED SITE LIGHTING DUCT. DUCT TO BE AT 600mm DEPTH AND HAVE YELLOW WARNING TAPE AT 300mm BELOW FINISHED GROUND LEVEL. DUCT TO HAVE 10mm POLYPROPYLENE DRAW ROPE.
- 100Ø OD MDPE ESB APPROVED SITE LIGHTING DUCT. DUCT TO BE AT 600mm DEPTH AND HAVE YELLOW WARNING TAPE AT 300mm BELOW FINISHED GROUND LEVEL. DUCT TO HAVE 10mm POLYPROPYLENE DRAW ROPE.
- ESB APPROVED LIGHTING MICRO-PILLAR C/W PROVISION FOR 4 NO. CIRCUITS. REFER TO SCHEDULE FOR CIRCUIT DETAILS
- 600x600 CABLE CHAMBER

C	29/04/2022	REDLINE UPDATED	TR	GS	GS	--	--	--
B	26/04/2022	RIVERSIDE WALK ADDED	TR	GS	GS	--	--	--
A	30/09/2021	FOR INFORMATION	TR	GS	GS	--	--	--

REV. NO.	DATE	REVISION	DRAWN	DESIGNED	CHECKED	REVIEWED	SUBMITTED	APPROVED

PROJECT :- CARRIGALINE SHD

DRAWING & LAYOUT SUBJECT TO UTILITY/LOCAL AUTHORITY APPROVAL

DESIGN :- **HORIZON ENGINEERING CONSULTANTS LTD.**



UNIT 18C, EURO BUSINESS PARK, LITTLE ISLAND, CORK.

DRAWING :- **PUBLIC LIGHTING DUCTING LAYOUT**

DESCRIPTION :- RESIDENTIAL DEVELOPMENT CORK

PROJECT NO :- 21151	DRAWING NO :- 21151-PL-02	REV :- C
SCALE :- 1:500		
SIZE :- A1		