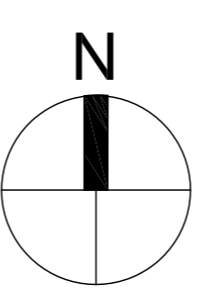


REFER TO INSET DETAIL FOR CONTINUATION

CONTINUATION FROM MAIN DRAWING



- GENERAL NOTES:**
1. THIS DRAWING IS COLOUR CODED.
 2. EACH SERVICE SHALL BE INSTALLED IN FULL COMPLIANCE WITH THE STANDARD DUCT AND CHAMBER DETAILS PROVIDED BY THE NETWORK UTILITY - BORD GAS, ESB, EIR, VIRGIN, CORK COUNTY COUNCIL.
 3. THE EXACT LOCATION OF SERVICES AND FITTINGS IS SUBJECT TO SITE REVIEW AND MEASURE BY THE ELECTRICAL CONTRACTOR.
 4. ALL DIMENSIONS ARE IN MILLIMETERS (mm), UNLESS OTHERWISE STATED.
 5. ALL DIMENSIONS AND SPECIFICATIONS SHALL BE MEASURED PRIOR TO INSTALLATION.
 6. THE LUMINAIRE TILT ANGLE SHALL BE ADJUSTABLE FROM 0 TO 10 DEGREES.
 7. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A STREET LIGHTING COMPLETION CERTIFICATE UPON COMPLETION AND COMMISSIONING.
 8. THE ELECTRICAL INSTALLATION SHALL COMPLY WITH:
 - 8.1. IS 10101:2020
 - 8.2. THE ETCI REGULATIONS ET211 FOR EXTERNAL LIGHTING
 - 8.3. THE ESB ELECTRICAL SERVICES GUIDEBOOK
 - 8.4. CORK COUNTY COUNCIL GUIDELINES 2023.
 9. A PHOTOCELL, AND CORRESPONDING TEST SWITCH, SHALL BE FITTED TO EACH LUMINAIRE IN COMPLIANCE WITH COUNCIL GUIDELINES.
 10. THE GALVANIZED STEEL COLUMN SHALL HAVE A MINIMUM WALL THICKNESS OF 3mm.
 11. THE LIGHTING COLUMN MANUFACTURER SHALL BE REGISTERED AND CERTIFIED BY NSAI.
 12. CABLING SHALL BE 3x6mm² SWA TYPE TO BS 5467/1:273 0.6/1.0KV.
 13. DUCTING SHALL HAVE MINIMUM COVER AS FOLLOWS:
 - 13.1. 600mm IN GRASS MARGINS
 - 13.2. 750mm AT ROAD CROSSINGS
 14. FINAL LANDSCAPING ARRANGEMENT TO BE COORDINATED WITH LAMP STANDARD LOCATIONS.
- COLUMN SPECIFICATION:**
- IS EN60 COMPLIANT
 - OCTAGONAL STEEL COLUMN,
 - HINGED COLUMNS AS NOTED ON THE SCHEDULE E.
 - WALL THICKNESS OF MINIMUM 3mm.
 - INTERNALLY & EXTERNALLY GALVANISED TO BS EN 1461 T1 MOUNTED.
 - BRIDGES APPLIED TO BASE TO A HEIGHT OF 150mm ABOVE PLANTING LEVEL INTERNALLY & EXTERNALLY.
 - EARTHING CONNECTION.
 - APPROVED FOR USE BY CORK COUNTY COUNCIL.
 - 25 YEAR DESIGN LIFE.
- PUBLIC LIGHTING LEGEND:**
- TYPE A - PHILIPS BGP702 DW50 4.200lm DIMMABLE CW 20LED AND MOUNTED ON OCTAGONAL GALVANISED ROOTED COLUMN OF 6m HEIGHT GENERALLY CLO-25W IP67 IK09 35/18 LUX ON/OFF PHOTOCELL.
 - TYPE B - PHILIPS BGP703 DW50 16,000lm DIMMABLE WITH PROFILE U15 CW 40LED AND MOUNTED ON OCTAGONAL GALVANISED ROOTED COLUMN OF 8m HEIGHT GENERALLY CLO-95W IP67 IK09 35/18 LUX ON/OFF PHOTOCELL.
 - TYPE C - PHILIPS BGP704 DW50 18,500lm DIMMABLE WITH PROFILE U14 CW 80LED AND MOUNTED ON OCTAGONAL GALVANISED ROOTED COLUMN OF 10m HEIGHT. CLO-109W IP67 IK09 35/18 LUX ON/OFF PHOTOCELL.
 - 500 OD MDPPE APPROVED RED 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.
 - 10m TREE EXCLUSION ZONE AROUND EACH LIGHTING LAMP STANDARD.

PROJECT: COURTSTOWN LRD

DRAWING & LAYOUT SUBJECT TO UTILITY/LOCAL AUTHORITY APPROVAL

DESIGN: HORIZON ENGINEERING CONSULTANTS LTD.
 UNIT 88 NESSAN HOUSE,
 BESSBORO ROAD,
 BLACKROCK,
 CO. DK.

DESCRIPTION: RESIDENTIAL DEVELOPMENT AT COURTSTOWN LITTLE ISLAND

PUBLIC LIGHTING DUCT LAYOUT

PROJECT NO.: 20152 DRAWING NO.: 20152-PL-002 SCALE: 1:500 REV: N SIZE: A1

REVNO	DATE	REVISION	DRAWN	DESIGNED	CHECKED	REVIEWED	SUBMITTED	APPROVED
N	14/08/24	SITE LAYOUT UPDATE	TR	GS	GS	GS	GS	GS
M	11/08/24	UPDATE FOR SUBMISSION	TR	GS	GS	GS	GS	GS
L	06/08/24	UPDATE FOR SUBMISSION	TR	GS	GS	GS	GS	GS
K	06/05/24	REVISED OPEN PLAN	TR	GS	GS	GS	GS	GS
J	06/10/23	NORTH ADDED	TR	GS	GS	GS	GS	GS

ESB APPROVED LIGHTING MICRO-PILLAR CW PROVISION FOR 4 NO. CIRCUITS. REFER TO SCHEDULE FOR CIRCUIT DETAILS 600x600 CABLE CHAMBER