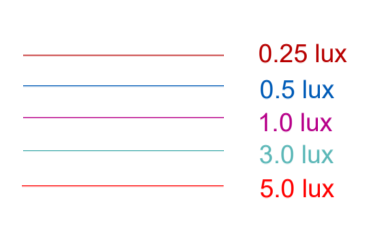




Notes:
 All LED luminaires must have Constant Light Output (CLO).
 Automatically dimmed to 70% each night from 12 midnight to 6am.
 (L14 Profile)
 All luminaires to have 7pin NEMA sockets fitted.
 Electronic Photocells switched at 35/18lux
 All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting
 No trees to be located within falling distance of PL columns.
 Minimum setback of columns is 900mm from face of kerb.
 Public Lighting cable chamber as per Local Authority PL Dept. specification.

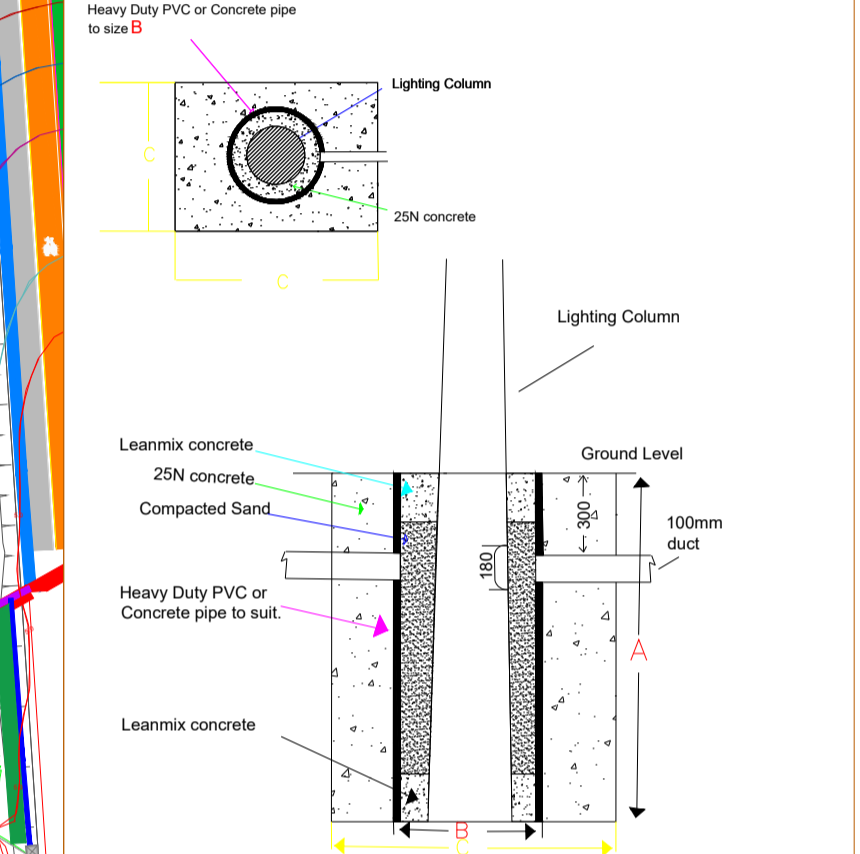


- Luminaire A E950-28-P4A-727-C600-16W - 6m
- Luminaire B E950-28-P4A-727-C200-7W - 5m Raise & lower
- Luminaire C E950-28-F2A-727-C700-18W - 6m
- Luminaire D E950-28-A2A-727-C600-16W - 6m
- Luminaire E FLEXIA TOP MIDI 5305 10 @300mA WW 730 - 5m raise & lower
- Luminaire F Existing proposed luminaire
- Luminaire G - Existing proposed luminaire
- Luminaire H ALINEA Handrail 5121 - 3 LED 350mA WW - illuminated handrail
- Luminaire I E951-64-H5-G-727-W6-0625-55W - 8m
- Luminaire J - Existing proposed luminaire
- Luminaire K - Existing proposed luminaire
- Luminaire L VIA ASY 418mA PCA LED - 1750K Bollard - 6 Watts, 1m bollards.

20kg NYCC cable laid in ducting to I.S.10101:2020.
 Single wall ducting, colour red to be used.
 Manufactured from high density polyethylene (H.D.P.E.),
 107mm external diameter, having a wall thickness of 5mm.
 This ducting to have the words "Steel Lighting" stamped on
 either side every 1m intervals. The lettering to face upstream
 in the trench. All works to Local Authority specification.
 This is a detail layout and not indicative of where ducts are to be laid.
 Public Lighting Pillar (located at least 2m from ESB pillar)

Typical Base detail, to be checked by site engineers.

COLUMN MOUNTING HEIGHT	12m	10m	8m	6m
COLUMN ROOT DEPTH	1.9m	1.7m	1.5m	1.0m
CABLE ENTRY DEPTH	0.3m	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH				
COLUMN DOOR HEIGHT	1.5m	1.5m	1.5m	1.5m
COLUMN SLEEVE SIZE (mm) internal	450	400	400	300
EXCAVATION (width x length)	1000	800	600	400



NOTES
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NO ACCOUNT IS TAKEN FOR THE BLOCKING EFFECT CAUSED BY BUILDINGS, TREES ETC. THE CALCULATION SHOWN BY THIS DRAWING ASSUMES THAT THE WHOLE AREA BEING CONSIDERED IS IN THE SAME PLANE, I.E. THERE ARE NO CHANGES IN GRADIENT OR ELEVATION.

This drawing layout is based on calculated lighting levels, produced by Sabre Electrical Services Ltd., using Lighting Reality software. Any alterations to the layout or luminaire type used for the lighting design calculations, will require a revised lighting design to be carried out. A redesign may require approval from the Local Authority Public Lighting Dept. prior to any alterations/modifications being implemented on site.

Sabre
 ELECTRICAL SERVICES LTD.
 Specialist Contractors
 PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING

UNIT 11, BELLVUE INDUSTRIAL ESTATE, FINGLAS, DUBLIN 11.
 E-MAIL: graham@sabrelighting.ie PH: 01-811 0875

?	GS	CHK	-----
?	GS	CHK	-----
E	Column 48A relocated	AN	CHK 14-06-22
D	Updated layout & client name updated	AN	CHK 14-06-22
C	Bollards for Northern Woodland section added.	AN	CHK 19-05-22
B	Bollards added and LED to 2700K	AN	CHK 19-05-22
A	A117 Road section added	AN	CHK 17-05-22
REV	DESCRIPTION	INTS	CHK'D DATE

CLIENT/CUSTOMER
Liscove Limited

PROJECT
Killterran Village SHD

TITLE
Public Lighting Layout

DRAWN
 A.N

SCALE
 1:500 @ A1

DATE
 16-05-22

DRAWING NUMBER
SES 05822 Sheet 2

ISSUE
 6

BASE DRAWING NUMBER
 21009 - PL101-105 - Site Layout Plan.dwg

DRAWING ORIGIN
 Waterman Moylan

DO NOT SCALE FROM THIS DRAWING