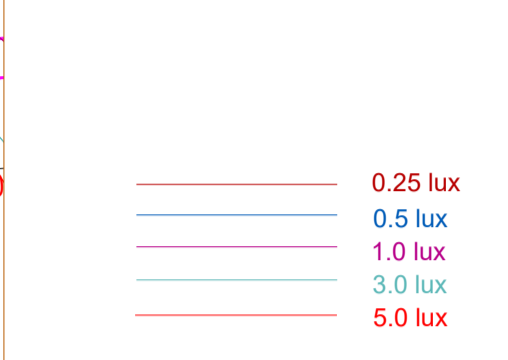


Notes:
 All LED luminaires must have Constant Light Output (CLO).
 Automatically dimmed to 75% each night from 12 midnight to 6am.
 (L14 Profile)
 All luminaires to have 7pin NEMA sockets fitted.
 Electronic Photocells switched at 35% flux
 All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting.
 No trees to be located within falling distance of P.L. columns.
 Minimum setback of columns is 800mm from face of kerb.
 Public lighting cable chamber as per Local Authority P.L. Dept. specification.

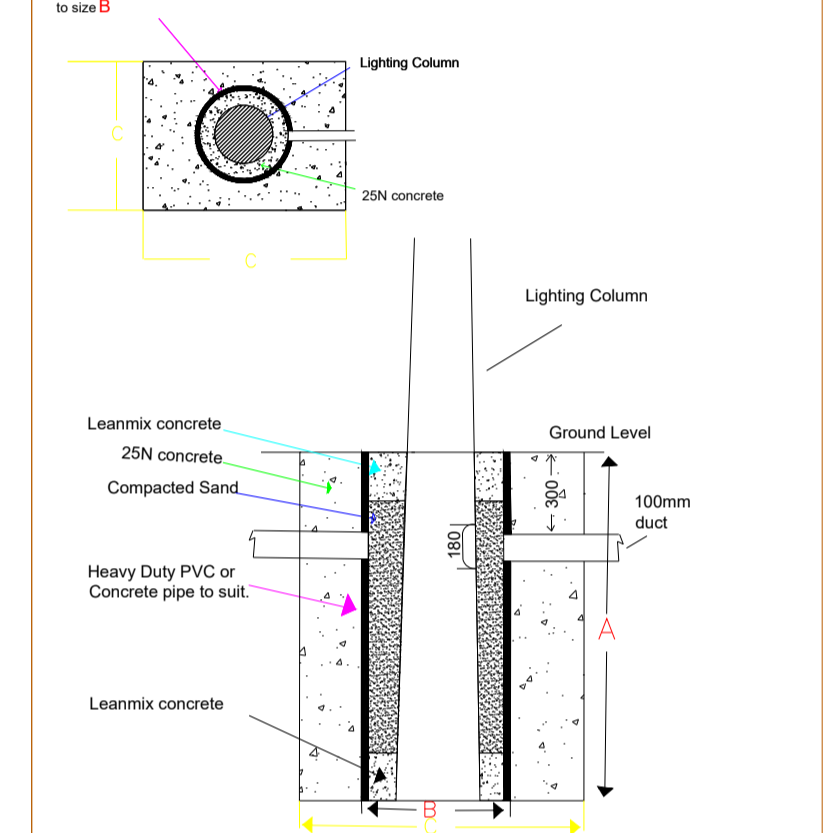
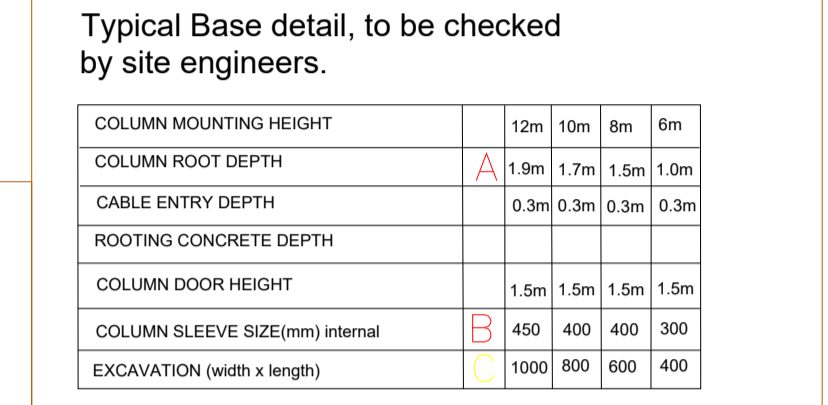


Typical Base detail, to be checked by site engineers.

COLUMN MOUNTING HEIGHT	12m	10m	8m	6m
COLUMN ROOT DEPTH	1.8m	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

- 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 Handral 5121 - 3 LED 350mA WW - illuminated handral
- 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.

20kV NYC cable laid in ducting to I.S.10101:2020.
 Single wall ducting, colour red to be used.
 Manufactured from high density polyethylene (HDPE),
 107mm external diameter, having a wall thickness of 5mm.
 This ducting to have the words "Street Lighting" stamped on
 either side every 4m intervals. The lettering to face upstream in
 the trench. All works to Local Authority specification.
 This is a circuit layout and not indicative of where ducts are to be laid.
 Public Lighting Pillar (located at least 2m from ESB pillar)



NOTES
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 AND IS COPYRIGHT © AND CAN NOT BE USED WITHOUT PRIOR CONSENT

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	14-05-22
D	Updated layout & client name updated	AN	CHK	14-05-22
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	R117 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 3	ISSUE 6	
BASE DRAWING NUMBER 21009 - PL101-105 - Site Layout Plan.dwg		
DRAWING ORIGIN Waterman Moylan		
DO NOT SCALE FROM THIS DRAWING		