

- Notes:  
 All LED lanterns must have Constant Light Output (CLO).  
 Automatically dimmed to 75% each night from 12 midnight to 6am. (U14 Profile)  
 All lanterns 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 P/L columns.  
 Minimum set-back of columns is 800mm from face of kerb.  
 Public lighting cable chamber as per Local Authority P/L Dept. specification.

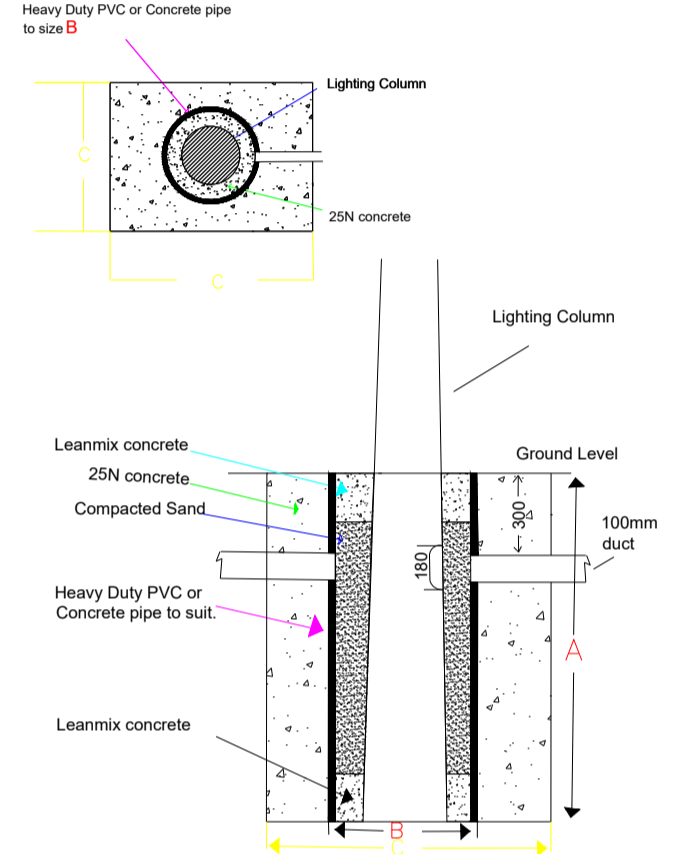
- 0.25 lux
- 0.5 lux
- 1.0 lux
- 3.0 lux
- 5.0 lux

- Luminaire A AXIA 2.1 5165 Rear louvers 16@300mA WW 727 Qty 66 5m mounting height Raise & Lower column.
- Luminaire E E950-28-R3P-727-C300-0W Qty 57 5m mounting height Raise & Lower column.
- Luminaire G E950-28-P4A-727-C350-10W Qty 2 5m mounting height Raise & Lower column.
- Luminaire H E950-28-A2A-727-C650-17W Qty 80 10m mounting height.
- Luminaire I E951-64-P4-G-727-W5-0700-62W Qty 138 6m mounting height.
- Luminaire J E950-28-P4A-727-C550-14W Qty 138 6m mounting height.
- Luminaire L E950-28-P4A-727-C350-10W Qty 91 6m mounting height.
- Luminaire M E950-28-F2A-727-C700-18W Qty 11 6m mounting height.
- Luminaire N E950-28-P4A-727-SA0675-29W Qty 9 6m mounting height.

23kVg 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.), 100mm external diameter, having a wall thickness of 5mm. This ducting to have the words "Street Lighting" stamped on outer size lines at 1m 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)

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  
 THIS DRAWING IS THE INTELLECTUAL PROPERTY OF Sabre LIGHTING DESIGN DEPT. 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	-----
?	GS	CHK	-----
?	GS	CHK	-----
?	GS	CHK	-----
B	AN	CHK	03-05-22
A	AN	CHK	03-05-22
REV	DESCRIPTION	INTS	CHK'D DATE

CLIENT/CUSTOMER  
**Gerard Gannon Properties**

PROJECT  
**SHD Development Belcamp**

TITLE  
**Public Lighting Layout**

DRAWN  
 A.N SCALE 1:1000 @A1 DATE 27-04-22

DRAWING NUMBER  
**SES 05322-2 Sheet 3** ISSUE 3

BASE DRAWING NUMBER  
 1520\_WIP\_Rev5\_29-04-22.dwg  
 DRAWING ORIGIN  
 TBS

DO NOT SCALE FROM THIS DRAWING

