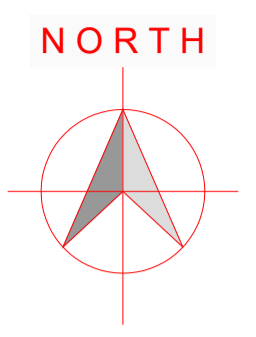


- 0.25 lux
- 0.5 lux
- 1.0 lux
- 3.0 lux
- 5.0 lux

Notes:  
 All LED luminaires must have Constant Light Output (C.L.O.)  
 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 35/18lux  
 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 set-back of columns is 800mm from face of kerb.  
 Public lighting cable chambers as per Local Authority PL Dept. specification.

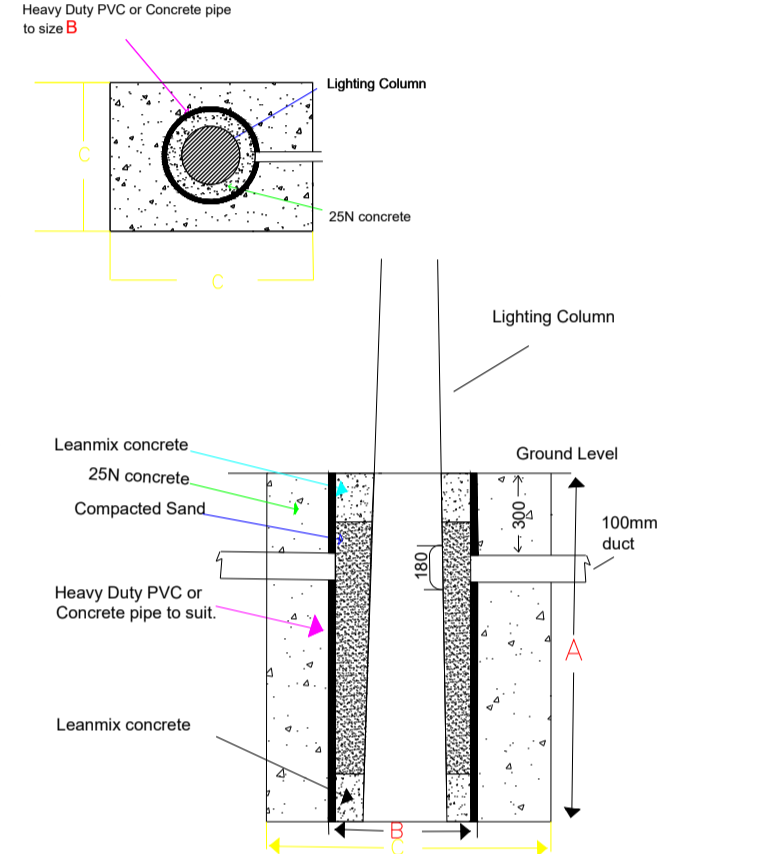


- Luminaire A AXIA 2.1 5165 Rear louvers 16@300mA WW 727 Qty 66 5m mounting height Raise & Lower column.
- Luminaire E E950-28-R3P-727-C300-9W Qty 57 5m mounting height Raise & Lower column.
- Luminaire G E950-28-P4A-727-C350-10W Qty 2 5m mounting height Raise & Lower column.
- Luminaire H E950-28-A2A-727-C650-17W Qty 5 5m mounting height Raise & Lower column.
- Luminaire I E951-64-P4-G-727-W5-0700-62W Qty 80 10m 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.

23kV NYC 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 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 AND IS COPYRIGHT © AND CAN NOT BE USED WITHOUT PRIOR CONSENT. LIGHTING DESIGN DEPT.

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 Really 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	Revised Layout	AN	CHK	03-05-22
A	Updated layout	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 1 ISSUE 3

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

DRAWING ORIGIN  
 TBS  
 DO NOT SCALE FROM THIS DRAWING