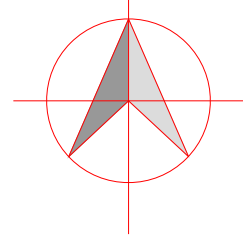


Notes:
All LED lanterns must have Constant Light Output (CLO).
Automatically dimmed to 75% each night from 12 midnight to 6am.
(L14 Profile)
All lanterns to have 7pin NEMA sockets fitted.
Electronic Photocontrols switched at 35/18lux
All columns, luminaires, cable and pillars, shall comply with Local 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 chamber as per Local
Authority P/L Dept. specification.



NORTH



1.0 lux
3.0 lux
5.0 lux

- Luminaire A E950-28-P6A-730-SD0725-31W
6m Column. Qty 4
- Luminaire B E950-28-N1P-730-C200-7W
5m Raise & Lower Column. Qty 16
- Luminaire C E950-28-P4A-730-C600-16W
6m Column. Qty 37
- Luminaire D E950-28-P4A-730-C600-16W
6m Column, Qty 2. & 5m Raise & Lower Column, Qty 2.
- Luminaire E E950-28-R3P-730-C250-8W
5m Raise & Lower Column. Qty 23
- Luminaire F E950-28-F2A-730-C600-16W
6m Column. Qty 2
- Luminaire G E950-28-A2A-730-C550-14W
6m Column. Qty 2
- Luminaire H VIA ASY 297mA CLO 3000K 10 W
Bollard. Qty 3

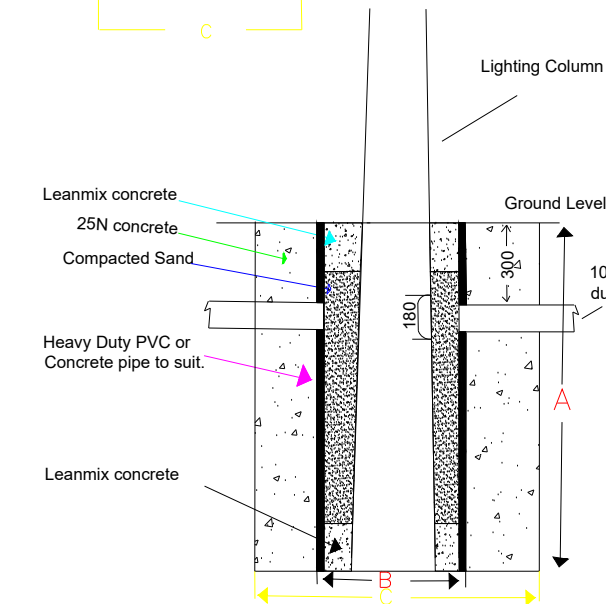
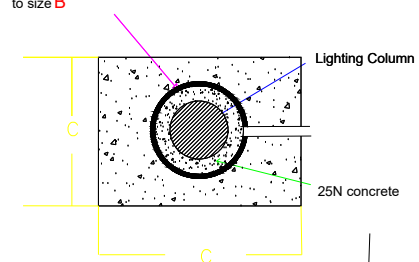
2X6kg NYC cable laid in ducting to I.S.10101:2020.
Single wall ducting, colour red to be used
manufactured from high density polyethylene (H.D.P.E.),
107mm external diameter, having a wall thickness of 5mm.
This ducting to have the words "Steel Lighting" stamped on
letter size firm at 1m intervals. The lettering to face uppermost
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

Heavy Duty PVC or Concrete pipe
to size D



NOTES
THIS DRAWING IS THE INTELLECTUAL PROPERTY OF Sabre LIGHTING DESIGN DEPT.
AND IS COPYRIGHT (C) 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

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

- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
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- ?	GS	CHK	-----
- ?	GS	CHK	-----
A Updated Site Layout	AN	CHK	13-08-24
REV DESCRIPTION	INITS	CHK'D	DATE

CLIENT/CUSTOMER

Waterman Moylan

PROJECT

Blessington LRD

TITLE

Public Lighting Layout

DRAWN A.N	SCALE 1:1000@A1	DATE 09-05-24
DRAWING NUMBER SES 08824	ISSUE 2	
BASE DRAWING NUMBER edit		
DRAWING ORIGIN edit		

DO NOT SCALE FROM THIS DRAWING