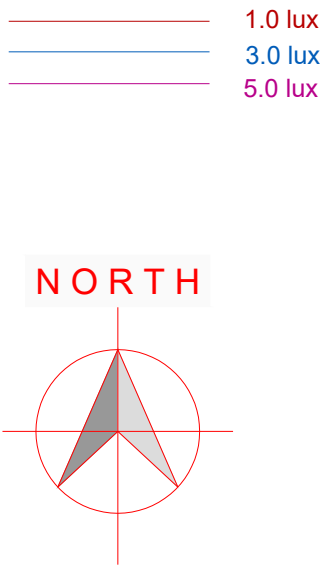




1.0 lux
3.0 lux
5.0 lux

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.

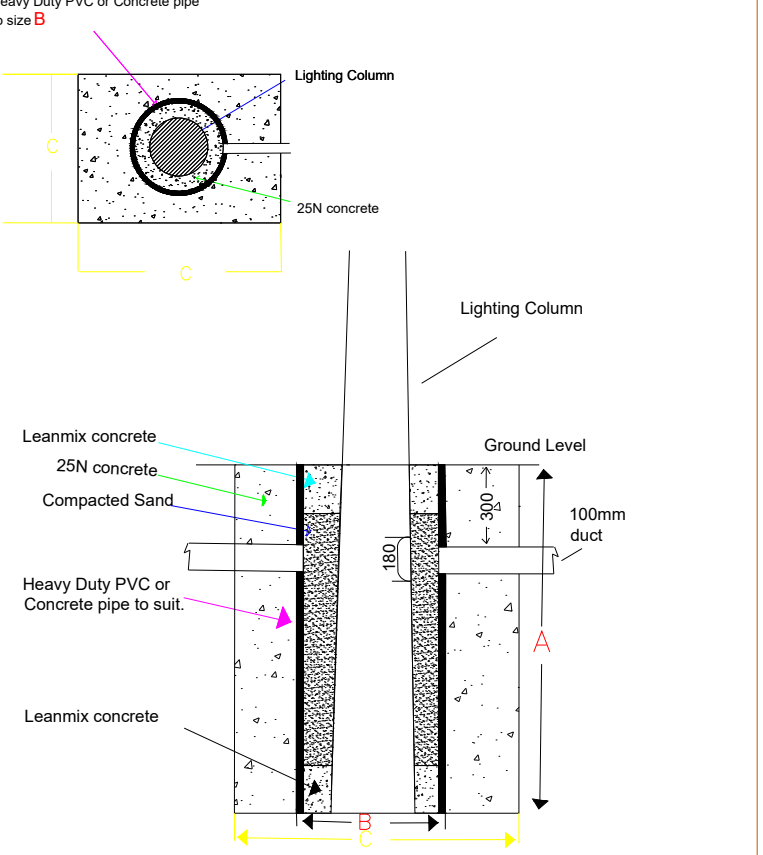
- Luminaire A P863-128-F2B-740-W5-700-89W
8m Column. Qty 10
- Luminaire B FLEXIA TOP MIDI 5345SY 40 LED@300mA NW 740
5m Raise & Lower Column. Qty 4
- Luminaire C FLEXIA TOP 5308 20 LED@400mA NW 740
5m Raise & Lower Column. Qty 4
- Luminaire E ALINEA Handrail module 5121 - 3 LED 350mA WW
Illuminated Handrail, Electrical class III (Extra low voltage)
- Luminaire F E950-28-P4A-740-C350-10W
5m Raise & Lower Column. Qty 29

2X6sq NYC/C 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 "Street Lighting" stamped on,
letter size 5mm 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



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.

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	-----
C Additional area added	AN	CHK	24-08-22
B Updated site layout	AN	CHK	11-08-22
A Client name updated	AN	CHK	11-10-21
REV DESCRIPTION	INITS	CHK'D	DATE

CLIENT/CUSTOMER
Serendale Limited

PROJECT
Omni Plaza SHD

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:500 @A1	DATE 20-08-21
DRAWING NUMBER SES 11721	ISSUE 4	
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DRAWING ORIGIN OCSC		
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