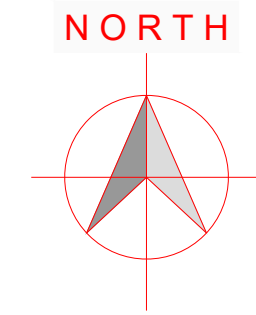
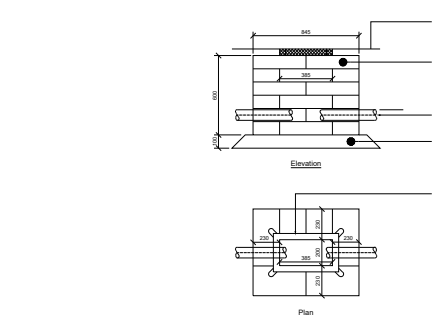


1.0 lux
3.0 lux
5.0 lux

Notes:
All LED lanterns must have Constant Light Output (CLO).
Dimming Profile U14. Automatically dimmed to 75% each night from 12 midnight to 6am.
All lanterns to have 7pin NEMA sockets fitted.

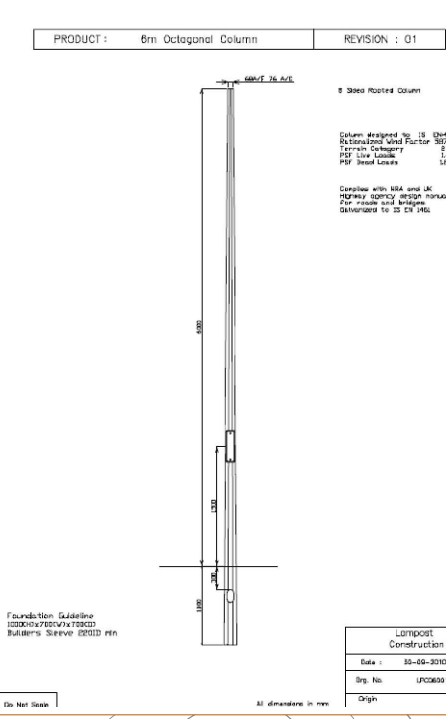
Electronic Photocells switched at 35/18lux
All columns, luminaires, cable and pillars shall comply with Local Authority
General Specification for Public Lighting
No trees to be located within falling distance of PL columns.
Minimum setback of columns is 600mm from face of kerb.

Dublin City Council Street Lighting JB1
Cable Chamber Detail
Not to Scale



Raise & Lower COLUMN DETAILS

Item	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	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

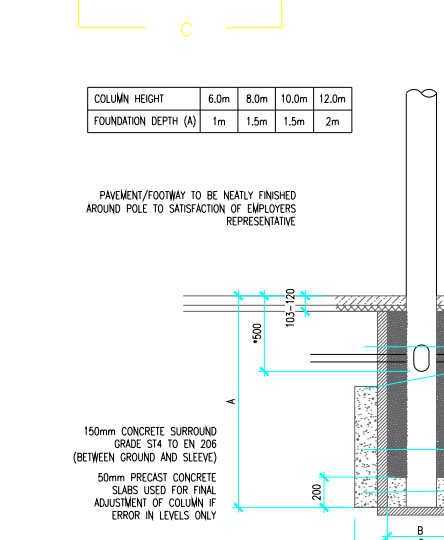
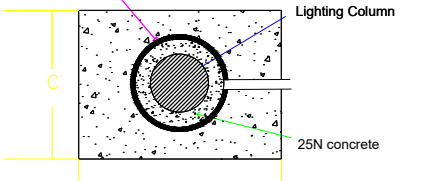


3X5sq SWA cable laid in ducting to I.S.10101:2020.
Single wall ducting, colour red to be used
manufactured from high density polyethylene (H.D.P.E.),
107mm external diameter, having a wall thickness of 5mm.
This ducting to have the words "Street Lighting" stamped on
letter size 5mm at 1m intervals. The lettering to face uppermost
in the trench. All works to Local Authority specification.
This is a critical 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	1.8m	1.7m	1.5m	1.0m
CABLE ENTRY DEPTH	0.3m	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH	1.5m	1.5m	1.5m	1.5m
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 © 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	-----
?	GS	CHK	-----
B Project name updated.	AN	CHK	02-01-25
A Updated as per comments.	AN	CHK	11-12-24
REV DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER
Waterman Moylan
PROJECT
Cherry Orchard Point Phase 2
TITLE
Public Lighting Layout
DRAWN
A.N
SCALE
1:500 @ A1
DATE
04-12-24
DRAWING NUMBER
SES 18524
ISSUE
2

BASE DRAWING NUMBER
DRAWING ORIGIN
DO NOT SCALE FROM THIS DRAWING