



Notes:
All LED lanterns must have Constant Light Output (CLO).
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 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.

TYPE D COLUMN DETAILS
HEIGHT : 6m
BRACKET LENGTH : Post-top
INCLINATION : 0 Degrees
COLUMN QUANTITY : 44
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 18
MAKE & MODEL : C.U.Phosco P852-12-F2-NW-CB0450

TYPE E COLUMN DETAILS
HEIGHT : 3m
BRACKET LENGTH : Wall mounted
INCLINATION : 0 Degrees
COLUMN QUANTITY : 1
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 15
MAKE & MODEL : Urbis-Schreder- Wall Pack 1 -6550 NW

TYPE A COLUMN DETAILS
HEIGHT : 6m
BRACKET LENGTH : Post-top
INCLINATION : 0 Degrees
COLUMN QUANTITY : 108
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 18
MAKE & MODEL : C.U.Phosco P852-12-P4-NW-CB0450

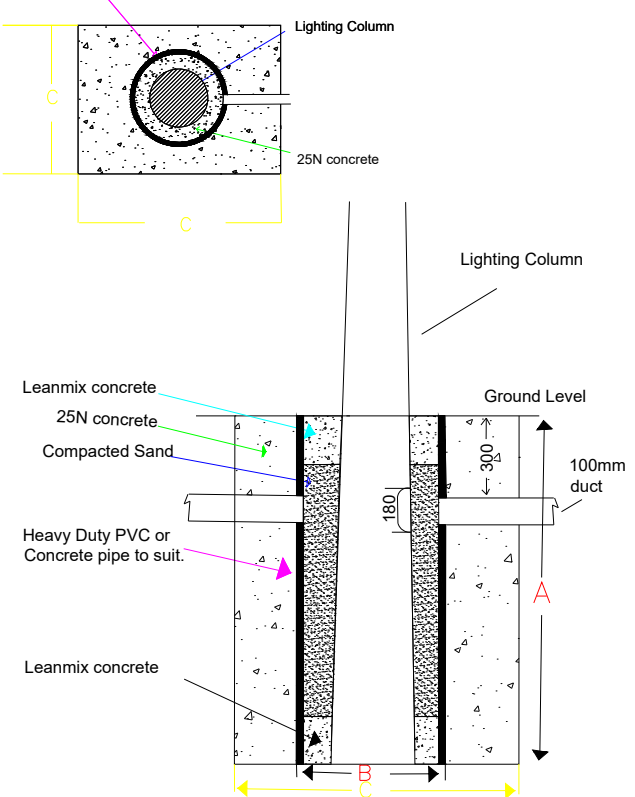
TYPE C COLUMN DETAILS
HEIGHT : 5m ABACUS Rase & lower type (qty 6m STD column)
BRACKET LENGTH : Post-top
INCLINATION : 0 Degrees
COLUMN QUANTITY : 27
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 9
MAKE & MODEL : C.U.Phosco P852-12-P4-NW-CB0200

2X6sq NYCY cable laid in ducting to ETICI ET101.
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
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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

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

- ?	GS	CHK	-----
- ?	GS	CHK	-----
F Client name updated	AN	CHK	12-04-22
E Updated site layout	AN	CHK	07-04-22
D Circuit layout added	AN	CHK	05-04-22
C Updated as per comments	AN	CHK	16-03-22
A Column removed from green area as per request.	AN	CHK	16-08-21
REV DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER

Gerard Gannon Properties

PROJECT
Mooretown Phase 3

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:1000 @A1	DATE 09-08-21
DRAWING NUMBER SES 11121	ISSUE 7	

BASE DRAWING NUMBER
LP-01-PP.dwg
DRAWING ORIGIN
Doyle & O'Troilhigh Landscape Architecture

DO NOT SCALE FROM THIS DRAWING