TYPE A COLUMN DETAILS

HEIGHT	:	6m
BRACKET LENGTH	:	Post-top
INCLINATION	:	5 Degrees
COLUMN QUANTITY	:	89

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	:	18w LED
MAKE & MODEL	:	C.U.Phosco P852-12-P4-NW-CB0450

TYPE B COLUMN DETAILS

HEIGHT	:	5m ABACUS Raise & Lower
BRACKET LENGTH	:	Post-top
INCLINATION	:	0 Degrees
COLUMN QUANTITY	:	6

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	:	9w LED
MAKE & MODEL	:	C.U.Phosco P852-12-R2B-NW-CB0200

Proposed Millers Ave columns

HEIGHT	:	8m
BRACKET LENGTH	:	Post-top
INCLINATION	:	0 Degree **edit**

LANTERN DETAILS

LANTERN TYPE	:	65w led
MAKE & MODEL	:	**P852-12-F3-NW-CB650**
LANTERN Manufacturer	:	C U Phosco

Glen Ellan Rd re-alignment Columns

HEIGHT	:	10m
BRACKET LENGTH	:	Post-top
INCLINATION	:	0 Degree **edit**
COLUMN QUANTITY	:	n/a

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	:	95w LED
MAKE & MODEL	:	CU.Phosco P651-12-M-WD-G5-D0650

Notes:
All LED lanterns must have Constant Light Output (CLO).
Automatically dimmed to 75% each night from 12 midnight to dawn.
Electronic Photocells switched at 35/18lux.
All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting.

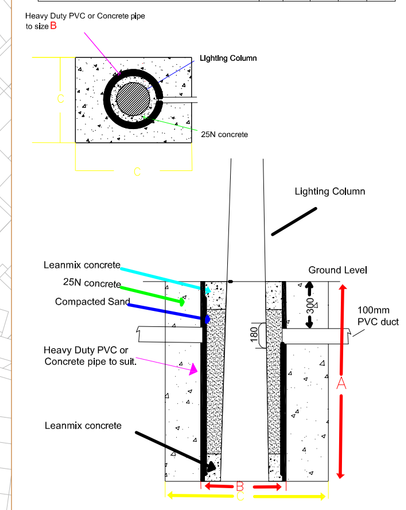
Public Lighting Cable Chamber as per Council Public Lighting Specification.

2X6sq NYCY cable laid in ducting to ETCI 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 "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	A	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	B	450	400	400	300
EXCAVATION (width x length)	C	1000	800	600	400



NOTES

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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: 811 0875
FAX: 864 4720

REV	DESCRIPTION	INITS	CHK'D	DATE
-	?	GS	CHK	----------
-	?	GS	CHK	----------
E	Latest site layout used redesigned to suit.	GS	CHK	04-04-22
D	Some columns relocated CCK & DOT	GS	CHK	2-11-21
C	Latest site layout used redesigned to suit.	GS	CHK	26-10-21
B	Latest site layout used redesigned to suit.	GS	CHK	29-05-20
A	Revised background and some column relocations	GS	CHK	20-11-19

CLIENT/CUSTOMER
Liffey-Gannon Homes

PROJECT
Oldtown Phase 5

TITLE
Public Lighting Layout

DRAWN	SCALE	DATE
G.S	1:1000@A1	5-11-19

DRAWING NUMBER	ISSUE
SES 16319	6

BASE DRAWING NUMBER: edit
DRAWING ORIGIN: edit

DO NOT SCALE FROM THIS DRAWING