TYPE A COLUMN DETAILS

HEIGHT	:	6m
BRACKET LENGTH	:	Post-top
INCLINATION	:	0 Degrees
COLUMN QUANTITY	:	18no

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	:	31w LED
MAKE & MODEL	:	C.U.Phosco P852-12-F2-NW-CA0850

TYPE B COLUMN DETAILS

HEIGHT	:	6m
BRACKET LENGTH	:	Post-top
INCLINATION	:	0 Degrees
COLUMN QUANTITY	:	5no

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	:	20w LED
MAKE & MODEL	:	C.U.Phosco P852-12-P4-NW-CA0500

TYPE 3 COLUMN DETAILS (See SES 10020 design)

HEIGHT	:	8m
BRACKET LENGTH	:	Post-top
INCLINATION	:	5 Degree up
COLUMN QUANTITY	:	2

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	:	74w LED
MAKE & MODEL	:	C.U.Phosco PIB02-32-F3-NW-F0750

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.

2X6sq NYCY cable laid in ducting to ETCI ET101.
Single wall ducting, colour red to be used manufactured from high density polyethylene (HD.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.

P/L Inst Filter

Public Lighting Pillar (located at least 2m from ESB pillar)

Public lighting cable chamber as per Local Authority P/L Dept. specification.

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: 01-811 0875

REV	DESCRIPTION	INITS	CHK'D	DATE
G	Latest site layout used. 1no column removed.	GS	CHK	14-06-21
F	Latest site layout used.	GS	CHK	24-05-21
E	Latest site layout used.	GS	CHK	20-04-21
D	MP1 relocated across the road.	GS	CHK	15-04-21
C	P1 & P2 on entrance rd, relocated across the road.	GS	CHK	8-03-21
B	Latest site layout used, some columns relocated	GS	CHK	15-12-2020
A	Columns relocated into TIC areas	GS	CHK	26-11-2020

CLIENT/CUSTOMER
Cairn Homes

PROJECT
Cooldown Commons Phase 3

TITLE
Public Lighting Layout

DRAWN	SCALE	DATE
G.S	1:500@a1	4-11-2020

DRAWING NUMBER: SES 16220
ISSUE: 8

BASE DRAWING NUMBER: edit
DRAWING ORIGIN: edit

DO NOT SCALE FROM THIS DRAWING