



TYPE C COLUMN DETAILS	
HEIGHT	6m
BRACKET LENGTH	Post-top
INCLINATION	5 Degree upflt
COLUMN QUANTITY	19
LANTERN DETAILS	
AVERAGE WATTAGE (CLO)	20
MAKE & MODEL	C.U Phosco P852-12-F2-WW-CA200

TYPE D COLUMN DETAILS	
HEIGHT	5m Raise and Lower Column
BRACKET LENGTH	Post-top
INCLINATION	0 Degree upflt
COLUMN QUANTITY	26
LANTERN DETAILS	
AVERAGE WATTAGE (CLO)	9
MAKE & MODEL	C.U Phosco P852-4-R3B-WW-C0400

TYPE E COLUMN DETAILS	
HEIGHT	6m
BRACKET LENGTH	Post-top
INCLINATION	5 Degree upflt
COLUMN QUANTITY	12
LANTERN DETAILS	
AVERAGE WATTAGE (CLO)	18
MAKE & MODEL	C.U Phosco P852-12-F4-WW-CA450

TYPE A COLUMN DETAILS	
HEIGHT	6m
BRACKET LENGTH	Post-top
INCLINATION	5 Degree upflt
COLUMN QUANTITY	7
LANTERN DETAILS	
AVERAGE WATTAGE (CLO)	46
MAKE & MODEL	C.U Phosco P852-32-F4-WW-C0450

TYPE B COLUMN DETAILS	
HEIGHT	6m
BRACKET LENGTH	Post-top
INCLINATION	5 Degree upflt
COLUMN QUANTITY	65
LANTERN DETAILS	
AVERAGE WATTAGE (CLO)	21
MAKE & MODEL	C.U Phosco P852-12-F4-WW-CA450

- Public Lighting Cable Chamber as per South Dublin County Council Public Lighting Specification.
- 2X8sq NYCY cable laid in ducting to ETO ET 101. Single wall ducting, coloured 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 9mm @ 1m intervals. The lettering to face upwards in the trench. All works to SDDC specification.
- Public Lighting Mini Pillar as per South Dublin County Council Public Lighting Specification.

NOTE:
 No Trees to be Located within falling distance of SDDC Public Lighting Columns.
 Minimum setback of columns is 800mm from face of kerb.
 All road crossing require 2nd ducts.

Notes:
 All LED lanterns must have Constant Light Output (CLO).
 Automatically dimmed to 75% each night from 12 midnight to 6am.
 Electronic Photocells switched at 15mbar.
 All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting.

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

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REV	DESCRIPTION	INITS	CHKD	DATE
7		GS	CHK	-----
F	Updated site layout & LEDs to Warm White	AN	CHK	13-08-19
E	Column P1 relocated	AN	CHK	16-07-19
D	Updated site layout column positions moved to suit	AN	CHK	16-07-19
C	Column moved to suit layout	AN	CHK	15-07-19
B	Title Key Updated	AN	CHK	10-07-19
A	All sites combined onto one drawing	AN	CHK	08-07-19

CLIENT/CUSTOMER
Cairn Homes

PROJECT
Newcastle

TITLE
Public Lighting Layout

DRAWN	SCALE	DATE
AN	1:1000 @A1	20-6-19
DRAWING NUMBER	ISSUE	
SES 07919	7	

BASE DRAWING NUMBER
 edit

DRAWING ORIGIN
 edit

DO NOT SCALE FROM THIS DRAWING