

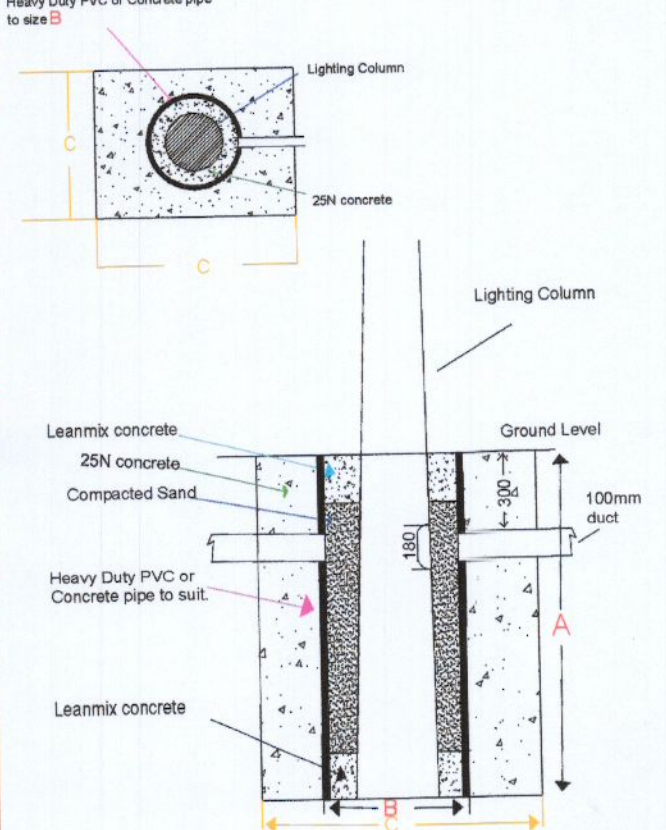
- Luminaire A E950-28-P6A-740-SE0575-25W  
6m Column, Qty 4.
- Luminaire A/D E950-28-P6A-740-SE0575-25W  
6m Column, Qty 2.
- Luminaire B E950-28-F2A-740-SE0575-25W  
6m Column, Qty 4.
- Luminaire C AXIA 3.3 5294 64 LED@300mA NW 740  
Existing LED luminaire as proposed on SES 14220
- Luminaire D E950-28-P4A-740-C350-10W  
6m Raise & Lower Column, Qty 3.
- Luminaire D E950-28-P4A-740-C350-10W  
6m Raise & Lower Column. Twin mounted stub bracket, Qty 1.
- Luminaire D/E E950-28-P4A-740-C350-10W  
6m Column. Twin mounted stub bracket, Qty 9.
- Luminaire E E950-28-P4A-740-C600-16W  
6m Column, Qty 17.
- Luminaire F E950-28-F2A-740-C600-16W  
6m Column, Qty 3.

Notes:  
 All LED luminaires must have Constant Light Output (CLO) Automatically dimmed to 75% each night from 12 midnight to 6am (L14 Profile)  
 All luminaires to have Twin NEMA sockets fitted.  
 Electronic Photocells switched at 35/15hour  
 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 setback of columns is 800mm from face of kerb.  
 Public lighting cable chamber as per Local Authority P.L. Dept. specification.

22kV NYC cable laid in ducting to I.E. 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 6mm at 1m intervals. The lettering to face uppermost  
 in the duct. All works to Local Authority specification.  
 This is a crucial layout area and 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	6m	6m
COLUMN ROOT DEPTH	1.9m	1.7m	1.5m
CABLE ENTRY DEPTH	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH			
COLUMN DOOR HEIGHT	1.5m	1.5m	1.5m
COLUMN SLEEVE SIZE (mm) internal	450	400	300
EXCAVATION (width x length)	1000	800	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 GROUND 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 design 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	-----
B	Updated site layout	AN	CHK	28-11-22
A	Updated site layout	AN	CHK	15-11-22
REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER  
**Cairn Homes Properties Ltd.**

PROJECT  
**Clonburris T3**

TITLE  
**Public Lighting Layout**

DRAWN  
 A.N SCALE 1:500@A1 DATE 20-10-22

DRAWING NUMBER  
 SES 15522 ISSUE 3

BASE DRAWING NUMBER  
 DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING

