

- Luminaire F E951-64-R1-G-740-W7-0400-36W  
6m Raise & Lower column, twin mounted on 0.3m stub brackets. Qty 3 (6 luminaires)
- Luminaire G Proposed luminaire for T3 (SES 15522)  
6m Raise & Lower column. Qty 5
- Luminaire I FLEXIA MIDI 5304 FG -20 LED@300mA NW  
6m Raise & Lower column. Qty 5
- Luminaire J E950-28-R3A-730-C400-11W  
6m Raise & Lower column. Qty 15
- Luminaire K E950-28-R3A-730-SD0600-26W  
6m Raise & Lower column. Qty 4

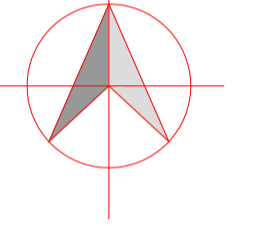
- Luminaire A E950-28-P6A-740-C0650-17W  
6m column. Qty 37
- Luminaire C E950-28-R3A-740-C450-12W  
6m Raise & Lower column. Qty 5
- Luminaire C E950-28-R3A-740-C450-12W  
2 luminaires per column. 6m Raise & Lower column. Qty 1 column
- Luminaire D FLEXIA MIDI 5304 FG -10 LED@200mA NW  
3 luminaires per column (6,7 & 8m) Qty 7 columns
- Luminaire D FLEXIA MIDI 5304 FG -10 LED@200mA NW  
2 columns 6m raise & lower
- Luminaire E FLEXIA MIDI 5307 FG 10LED@200mA NW  
6m Raise & Lower column. Qty 19

Notes:  
All LED lanterns must have Constant Light Output (CLO).  
Automatically dimmed to 75% each night from 12 midnight to 6am. (U14 Profile)  
All lanterns to have Type NEMA sockets fitted.  
Electronic Protocols switched at 35/1Hz.  
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 PL columns.  
Minimum set-back of columns is 800mm from face of kerb.

20kg NYC cable laid in ducting to I.S.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 9mm 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)  
Public lighting cable chamber as per Local Authority P.L. Dept. specification.

1.0 lux  
3.0 lux  
5.0 lux

NORTH



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 Really 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	INTS	CHK'D	DATE
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
D	3000 K LEDs on specified ball corridor.	AN	CHK	12-12-22
C	Updated as per comments	AN	CHK	08-12-22
B	Crèche play area added	AN	CHK	16-11-22
A	Updated Site Layout	AN	CHK	11-11-22

CLIENT/CUSTOMER

Cairn Homes

PROJECT

Clonburris T2

TITLE

Public Lighting Layout

DRAWN A.N SCALE 1:500@ A1 DATE 21-09-22

DRAWING NUMBER SES 13122 ISSUE 5

BASE DRAWING NUMBER

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING

