



TYPE C COLUMN DETAILS

- HEIGHT : 6m
- BRACKET LENGTH : Post-top
- INCLINATION : 0 Degrees
- COLUMN QUANTITY : 8

LANTERN DETAILS

- AVERAGE WATTAGE (CLO) : 17
- MAKE & MODEL : C.U. Phosco E950-28LP-F2A-727-C650

TYPE D COLUMN DETAILS

- HEIGHT : 6m ABACUS Raise & lower type
- BRACKET LENGTH : Post-top
- INCLINATION : 0 Degrees
- COLUMN QUANTITY : 7

LANTERN DETAILS

- AVERAGE WATTAGE (CLO) : 14
- MAKE & MODEL : Urbis-Schreder - Axia 2.1 - 8 LED@500mA - 5165 - 727 - Rear louvres

TYPE E DETAILS

- HEIGHT : 1m Illuminated Handrail (Low Voltage, CLASS III)
- BRACKET LENGTH : N/A
- INCLINATION : 0 Degrees
- Module QUANTITY : 2

LANTERN DETAILS

- AVERAGE WATTAGE (CLO) : 4
- MAKE & MODEL : Urbis-Schreder - Alinea Handrail - 3 LED@350mA - 5121 - 730

TYPE A COLUMN DETAILS

- HEIGHT : 6m
- BRACKET LENGTH : Post-top
- INCLINATION : 0 Degrees
- COLUMN QUANTITY : 87

LANTERN DETAILS

- AVERAGE WATTAGE (CLO) : 17
- MAKE & MODEL : C.U. Phosco E950-28LP-P4A-727-C650

TYPE B COLUMN DETAILS

- HEIGHT : 6m ABACUS Raise & lower type
- BRACKET LENGTH : Post-top
- INCLINATION : 0 Degrees
- COLUMN QUANTITY : 54

LANTERN DETAILS

- AVERAGE WATTAGE (CLO) : 7
- MAKE & MODEL : C.U. Phosco E950-28LP-R3A-727-C200

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 (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 3mm 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.

Low Voltage 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 3mm 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.

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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-	?	GS	CHK	-----
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-	?	GS	CHK	-----
B	Updated site layout	AN	CHK	19-11-21
A	Circuit layout added & updated as per comments	AN	CHK	21-10-21
REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER
Caim Homes

PROJECT
Clonburris Phase 1A

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:1000 @A1	DATE 20-09-21
DRAWING NUMBER SES 13021	ISSUE 3	
BASE DRAWING NUMBER 1738_SK_P_01_V22.dwg		
DRAWING ORIGIN		

DO NOT SCALE FROM THIS DRAWING