

TYPE 1 COLUMN DETAILS

HEIGHT	: 6m
BRACKET LENGTH	: Post-top
INCLINATION	: 5 Degrees
COLUMN QUANTITY	: 31 (Qty 8 with rear shields)

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	: 21w LED
MAKE & MODEL	: C.U.Phosco P852-12-P4-WW-CB0550

TYPE 2 COLUMN DETAILS

HEIGHT	: 5m ABACUS Raise & lower type
BRACKET LENGTH	: Post-top
INCLINATION	: 0 Degrees
COLUMN QUANTITY	: 13

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	: 9w LED
MAKE & MODEL	: C.U.Phosco P852-12-R3B-WW-CB0200

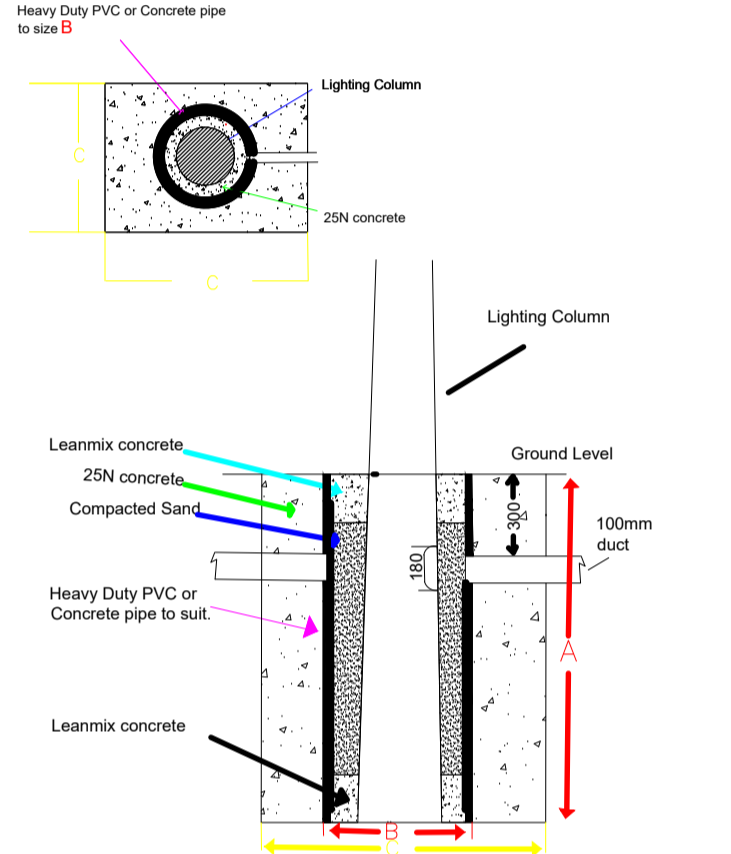
NOTES:
 All LED lanterns must have Constant Light Output (CLO).
 Automatically dimmed to 75% each night from 12 midnight to 6am.
 All lanterns to have 7pin NEMA sockets fitted.
 Electronic Photocells switched at 35° Blue.
 All columns, luminaires, cable and pillars shall comply with Local Authority General 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.

23kV NYCY cable laid in ducting to ETICI ET101.
 Single wall ducting, colour red to be used
 manufactured from high density polyethylene (H.D.P.E.L.
 127mm external diameter, having a wall thickness of 5mm.
 This ducting to have the words "Street Lighting" stamped on
 letter size form of 1m intervals. The lettering to face uppermost
 in the trench. All works to Local Authority specification.
 This is a detail layout and not 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	10m	8m	6m
COLUMN ROOT DEPTH	1.5m	1.7m	1.5m	1.0m
CABLE ENTRY DEPTH	0.3m	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH				
COLUMN DOOR HEIGHT	1.5m	1.5m	1.5m	1.5m
COLUMN SLEEVE SIZE(mm) Internal	450	400	400	300
EXCAVATION (width x length)	1000	800	600	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 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	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
B	Updated Site Layout	AN	CHK	11-12-20
A	Some columns removed	GS	CHK	9-04-2020
REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER
OSH Ventures Ltd

PROJECT
Old School House Clonsilla

TITLE
Public Lighting Layout ISOLUX

DRAWN	SCALE	DATE
G.S	1:750@a1	8-04-2020
DRAWING NUMBER	ISSUE	
SES 06020	3	
BASE DRAWING NUMBER		
edit		
DRAWING ORIGIN		
edit		

DO NOT SCALE FROM THIS DRAWING