



TYPE A COLUMN DETAILS

HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degree uplit
 COLUMN QUANTITY : 21

LANTERN DETAILS

AVERAGE WATTAGE (C.O.) : 17
 MAKE & MODEL : C.U.Phosco E950-28LP-P4A-727-C850

TYPE B COLUMN DETAILS

HEIGHT : 6m Raise & Lower (Qty 1 not R&L)
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degree uplit
 COLUMN QUANTITY : 18

LANTERN DETAILS

AVERAGE WATTAGE (C.O.) : 7
 MAKE & MODEL : C.U.Phosco E950 - 28LP-P4A-727-C200

TYPE C COLUMN DETAILS

HEIGHT : 6m Raise & Lower
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degree uplit
 COLUMN QUANTITY : 6

LANTERN DETAILS

AVERAGE WATTAGE (C.O.) : 7
 MAKE & MODEL : C.U.Phosco E950 - 28LP-P4A-727-88-C200 - Rear Shield

- Public Lighting Cable Chamber as per South Dublin County Council Public Lighting Specification.
- 286sq NYCY cable laid in ducting to ETC ET 101.
 Single wall ducting, coloured red to be used, manufactured from high density polyethylene (HDPE), 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 SDCC specification.
- Public Lighting Mini Piller as per South Dublin County Council Public Lighting Specification.

NOTE:
 No Trees to be Located within falling distance of SDCC Public Lighting Columns.
 Minimum setback of columns is 800mm from face of kerb.
 All road crossing require 2no 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 30 18lux
 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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- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
C	AN	CHK	04-10-21
B	GS	CHK	11-09-2020
A	GS	CHK	2-07-2020
REV	DESCRIPTION	INITS	CHKD DATE

CLIENT/CUSTOMER
MDB Consultants

PROJECT
Stocking Lane

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:1000@A3	DATE 17-09-19
DRAWING NUMBER SES 13319	ISSUE 4	
BASE DRAWING NUMBER 2183-12-A Site Layout.dwg		
DRAWING ORIGIN		

DO NOT SCALE FROM THIS DRAWING