



See Road engineers draw for road crossing

See Road engineers draw for junction 1.5 m footpath

- TYPE A COLUMN DETAILS**
- HEIGHT : 6m
 - BRACKET LENGTH : Posttop
 - INCLINATION : 5 Degree uplift
 - COLUMN QUANTITY : 21
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 17
 - MAKE & MODEL : C.U.Phosco E950-26LP-P4A-727-C200
- TYPE B COLUMN DETAILS**
- HEIGHT : 6m Raise & Lower (dy 1 not RAL)
 - BRACKET LENGTH : Posttop
 - INCLINATION : 0 degree uplift
 - COLUMN QUANTITY : 18
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 7
 - MAKE & MODEL : C.U.Phosco E950 - 26LP-P4A-727-C200
- TYPE C COLUMN DETAILS**
- HEIGHT : 6m Raise & Lower
 - BRACKET LENGTH : Posttop
 - INCLINATION : 0 degree uplift
 - COLUMN QUANTITY : 6
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 7
 - MAKE & MODEL : C.U.Phosco E950 - 26LP-P4A-727-BB-C200 - Rear Shield

- Public Lighting Cable Chamber as per South Dublin County Council Public Lighting Specification.
- 2K6sq NYCY cable laid in ducting to ETOI ET 101. Single wall ducting, coloured 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 of 1m intervals. The lettering to face upwards in the trench. All works to SDDC specification.
- Public Lighting Mini Pillar as per South Dublin County Council Public Lighting Specification.

NOTE:
No Trees to be Located within falling distance of SDDC Public Lighting Columns.
Minimum setback of columns is 800mm from face of kerb.
All road crossing require 2nd ducts.

Notes:
All LED lanterns must have Constant Light Output (CLO).
Automatically dimmed to 75% each night from 12 midnight to 6am.
Electronic Photoeyes switched at 10:15hr.
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.

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- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
C Updated as per comments.	AN	CHK	04-10-21
B Latest Site layout used.	GS	CHK	11-08-2020
A Latest site layout used-re-designed to suit.	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 1:500@A1	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