



- TYPE 3 COLUMN DETAILS**
 HEIGHT : 8m
 BRACKET LENGTH : Post-top
 INCLINATION : 5 Degree uplit
 COLUMN QUANTITY : 8
LANTERN DETAILS
 AVERAGE WATTAGE (CLO) : 81w
 MAKE & MODEL : C.U.Phosco P863-32-P4-NW-F0600
- TYPE 4 COLUMN DETAILS**
 HEIGHT : 8m
 BRACKET LENGTH : Post-top
 INCLINATION : 5 Degree uplit
 COLUMN QUANTITY : 4
LANTERN DETAILS
 AVERAGE WATTAGE (CLO) : 60w
 MAKE & MODEL : C.U.Phosco P863-32-P4-NW-F0600
- TYPE 5 COLUMN DETAILS**
 HEIGHT : 5m
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degree uplit
 COLUMN QUANTITY : 15
LANTERN DETAILS
 AVERAGE WATTAGE (CLO) : 9w
 MAKE & MODEL : C.U.Phosco P863-6-R2B-NW-F0350
- TYPE 6 COLUMN DETAILS**
 HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degree uplit
 COLUMN QUANTITY : 2
LANTERN DETAILS
 AVERAGE WATTAGE (CLO) : 20w
 MAKE & MODEL : C.U.Phosco P511-09-PANW-E250

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 3518lux
 All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting.

- TYPE 1 COLUMN DETAILS**
 HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 5 Degree uplit
 COLUMN QUANTITY : 41
LANTERN DETAILS
 AVERAGE WATTAGE (CLO) : 32w
 MAKE & MODEL : C.U.Phosco P862-12-P4-NW-CB0850
- TYPE 2 COLUMN DETAILS**
 HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 5 degree uplit
 COLUMN QUANTITY : 151
LANTERN DETAILS
 AVERAGE WATTAGE (CLO) : 18w
 MAKE & MODEL : C.U.Phosco P862-12-P4-NW-CB0450

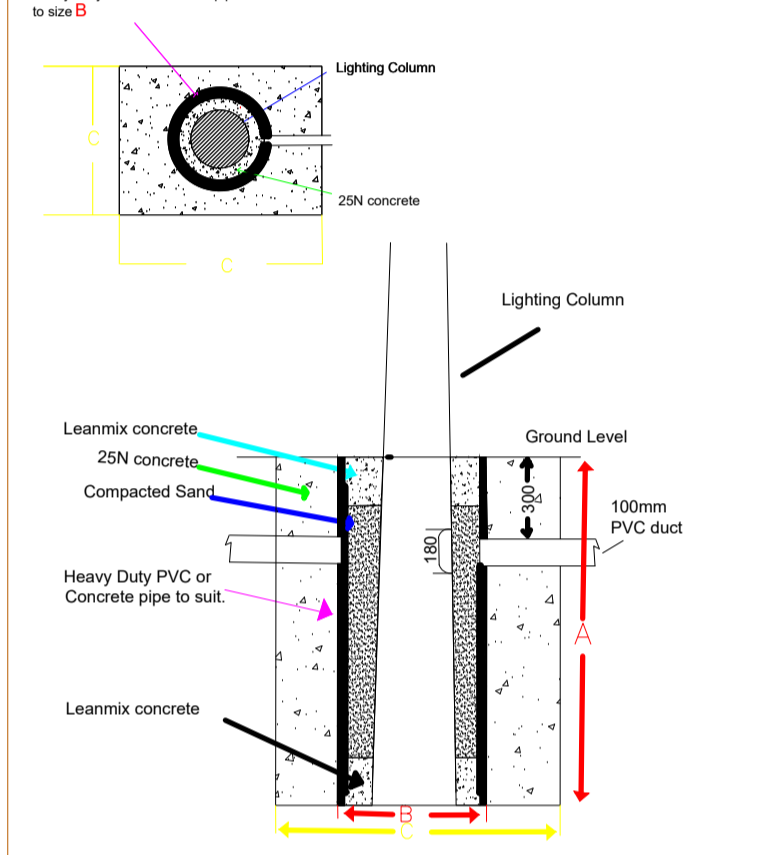
Public Lighting Cable Chamber as per Local Authority Public Lighting Specification.

2X6sq NYC 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 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)

Typical Base detail, to be checked by site engineers.

COLUMN MOUNTING HEIGHT	12m	10m	8m	6m
COLUMN ROOT DEPTH	1.9m	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	B	450	400	400
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 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	-----
- ?	GS	CHK	-----
B	GS	CHK	23/08/2019
A	GS	CHK	20/05/2019
REV	INITS	CHKD	DATE

CLIENT/CUSTOMER
LCPMS

PROJECT
Rathmullan

TITLE
Public Lighting Layout

DRAWN G.S. SCALE 1:750@A1 DATE 05/09/2019

DRAWING NUMBER SES 03719 (Sheet 2 of 2) ISSUE B

BASE DRAWING NUMBER 18306-2-101 REV F LMP
 DRAWING ORIGIN edit

DO NOT SCALE FROM THIS DRAWING