



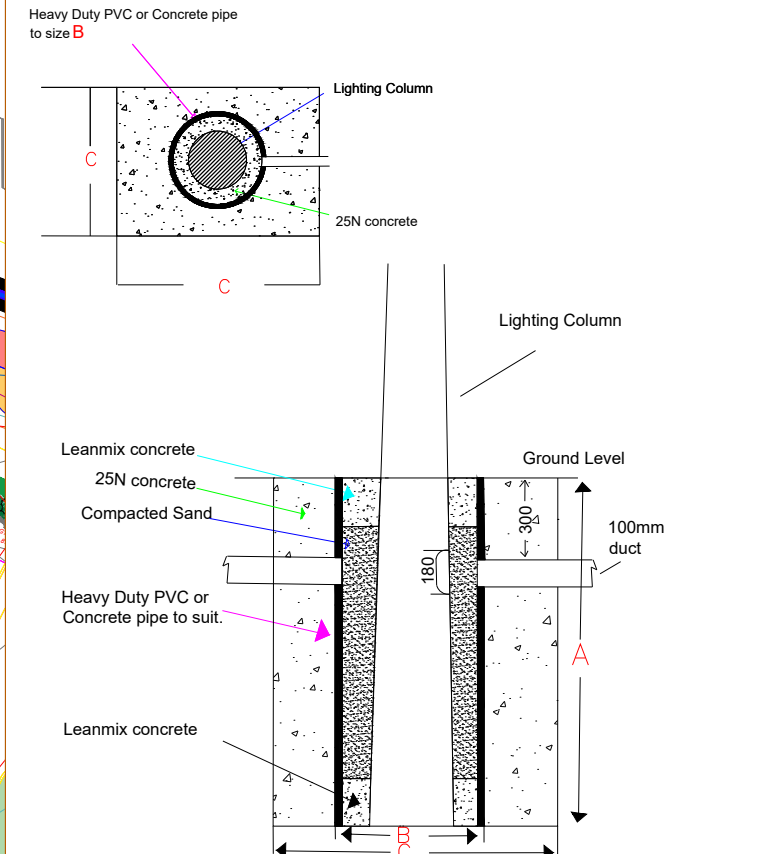
- Luminaire A E950-28-F2A-727-C600-15W 6m Column. Qty 2
- Luminaire D E950-28-R3A-727-B2-C0250-7W 5m raise & lower Column. Qty 31
- Luminaire E E950-28-F2A-727-B2-C0250-7W 5m raise & lower Column. Qty 1
- Luminaire F E950-28-P4A-727-B2-C0250-7W 5m raise & lower Column. Qty 3
- Luminaire G AXIA 2.1 5165 Front louvers 8 LED@350mA 727 5m raise & lower Column. Qty 12
- Luminaire B E950-28-L33-727-C600-15W 6m Column. Qty 17
- Luminaire B E950-28-L33-727-C600-15W 6m Column. Qty 2 (4 luminaires)
- Luminaire C E950-28-R3A-727-C400-10W 6m Column. Qty 12

2x6sq NYCY cable laid in ducting to I.S.10101:2020. 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 to be clearly legible 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	A 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	300
EXCAVATION (width x length)	C 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 - ESB DUCT PROVING

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- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
B	Updated site layout and as per comments.	AN	CHK 23-07-26
A	Updated site layout.	AN	CHK 22-07-26
REV	DESCRIPTION	INITS	CHKD DATE

CLIENT/CUSTOMER
Waterman Moylan

PROJECT
Confey, Leixlip

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:500@A1	DATE 04-07-26
DRAWING NUMBER SES 07726	ISSUE 3	

BASE DRAWING NUMBER

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING