

TYPE 3 COLUMN DETAILS
HEIGHT : 6m
BRACKET LENGTH : Post-top
INCLINATION : 5 Degree uplift
COLUMN QUANTITY : 12
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 35w
MAKE & MODEL : C.U Phosco P852-12-F2-NW-CB1000

TYPE 2 COLUMN DETAILS
HEIGHT : 5m Raise and Lower Column
BRACKET LENGTH : Post-top
INCLINATION : 0 degree uplift
COLUMN QUANTITY : 10
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 9w
MAKE & MODEL : C.U Phosco P852-6-R2B-NW-F0350

DENOTES 2 NOS. LANTERNS MOUNTED ON COLUMN.
PL CONTRACTOR TO SUPPLY TWIN BRACKET.

TYPE 1 COLUMN DETAILS
HEIGHT : 8m
BRACKET LENGTH : Post-top
INCLINATION : 5 Degree uplift
COLUMN QUANTITY : 25
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 51w LED
MAKE & MODEL : C.U Phosco P863-32-F2B-NW-F0500

TYPE 2 COLUMN DETAILS
HEIGHT : 6m
BRACKET LENGTH : Post-top
INCLINATION : 5 degree uplift
COLUMN QUANTITY : 77
LANTERN DETAILS
AVERAGE WATTAGE (CLO) : 19w
MAKE & MODEL : C.U Phosco P852-12-P4-NW-CB0450

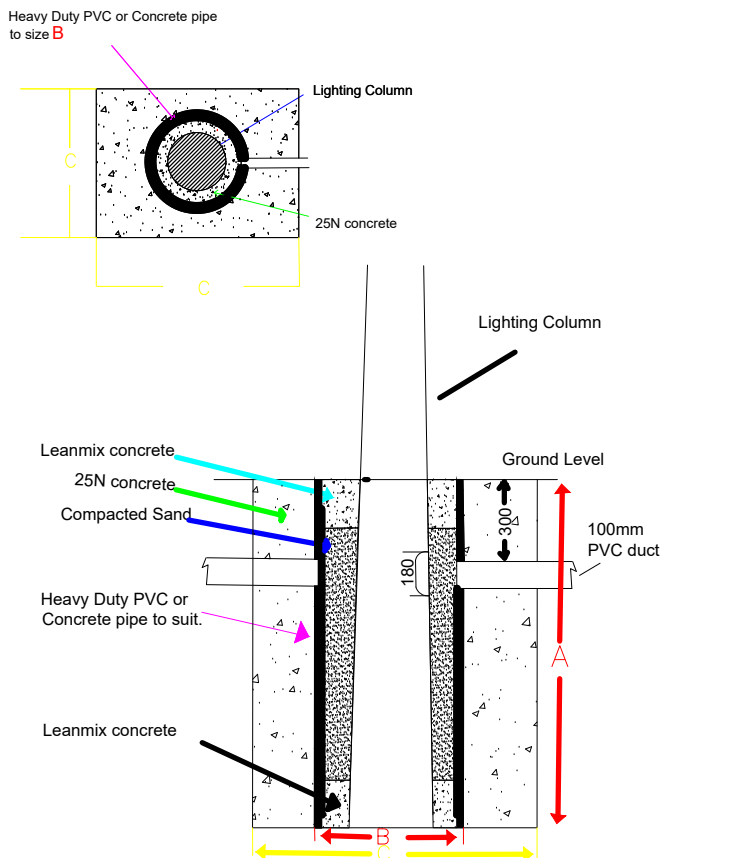
Public Lighting Cable Chamber as per Kildare Local Authority Public Lighting Specification.

2X6sq XLPE/SWAPVC 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 8mm 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)
Electronic Photocells switched at 35/18lux

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	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 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 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	-----
G	Blue boundary line removed	AN	CHK	16-12-19
E	Columns P3, P5, P7 moved	AN	CHK	02-11-19
D	Updated Site Layout	AN	CHK	22-11-19
C	Updated site layout used.	GS	CHK	23-9-19
B	Columns moved to suit updated layout	AN	CHK	10-07-19
A	Updated Layout Column PL-8 moved	AN	CHK	08-07-19
REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER
Rycroft Homes Limited

PROJECT
Kilcock.

TITLE
Public Lighting Layout - Isolux

DRAWN G.S	SCALE 1:1000 @ A1	DATE 26/03/2019
DRAWING NUMBER SES 01819-1 Isolux	ISSUE 7	

BASE DRAWING NUMBER
17-100 Site Masterplan SHD Issue 25-10-19.dwg

DRAWING ORIGIN
Orivo Properties

DO NOT SCALE FROM THIS DRAWING