



TYPE A COLUMN DETAILS

HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degrees
 COLUMN QUANTITY : 10

LANTERN DETAILS

AVERAGE WATTAGE (CLO) : 20
 MAKE & MODEL : Philips Luma Gen2 Micro - BGP702-DW52-3000-20LED-727

TYPE C COLUMN DETAILS

HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degrees
 COLUMN QUANTITY : 2

LANTERN DETAILS

AVERAGE WATTAGE (CLO) : 20
 MAKE & MODEL : Philips Luma Gen2 Micro-BGP702-DW10-BL-1-3000-20LED-727

TYPE E COLUMN DETAILS

HEIGHT : 5m ABACUS Raise & lower type
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degrees
 COLUMN QUANTITY : 8

LANTERN DETAILS

AVERAGE WATTAGE (CLO) : 9
 MAKE & MODEL : Philips Luma Gen2 Nano-BGP701-DN25-BL1-1200-6LED-727

Existing LED Linaire - Philips Luma

TYPE A COLUMN DETAILS

HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degrees
 COLUMN QUANTITY : 10

LANTERN DETAILS

AVERAGE WATTAGE (CLO) : 20
 MAKE & MODEL : Philips Luma Gen2 Micro - BGP702-DW52-3000-20LED-727

TYPE C COLUMN DETAILS

HEIGHT : 6m
 BRACKET LENGTH : Post-top
 INCLINATION : 0 Degrees
 COLUMN QUANTITY : 2

LANTERN DETAILS

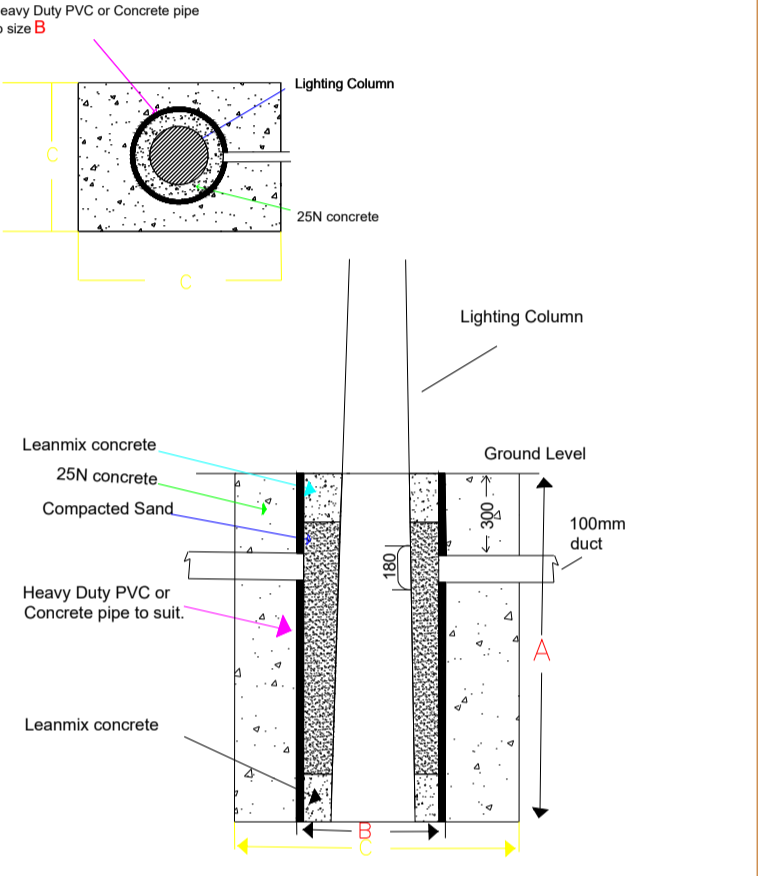
AVERAGE WATTAGE (CLO) : 20
 MAKE & MODEL : Philips Luma Gen2 Micro-BGP702-DW10-BL-1-3000-20LED-727

2X19sq NYC cable laid in ducting to ETO 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 outer size every 1m intervals. The lettering to face uppermost in the trench. All works to Local Authority specification. This is a detail 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	1.8m	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

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF Sabre LIGHTING DESIGN DEPT. AND IS COPYRIGHT © AND CAN NOT BE USED WITHOUT PRIOR CONSENT.

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 Really 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

UNIT 11,
 BELLVUE INDUSTRIAL ESTATE,
 FINGLAS,
 DUBLIN 11.
 E-MAIL: graham@sabrelighting.ie PH: 01-811 0875

- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
- ?	GS	CHK	-----
C	Updated site layout	AN	CHK 21-10-21
B	Client name updated	AN	CHK 13-04-21
A	Lanterns updated as per comments	AN	CHK 12-04-21
REV	DESCRIPTION	INTS	CHK'D DATE

CLIENT/CUSTOMER
 Knockrabo Investments DAC

PROJECT
 Knockrabo

TITLE
 Public Lighting Layout

DRAWN : A.N. SCALE : 1:500 @A1 DATE : 03-02-21
 DRAWING NUMBER : SES 02221 ISSUE : 4

BASE DRAWING NUMBER :
 DRAWING ORIGIN :

DO NOT SCALE FROM THIS DRAWING