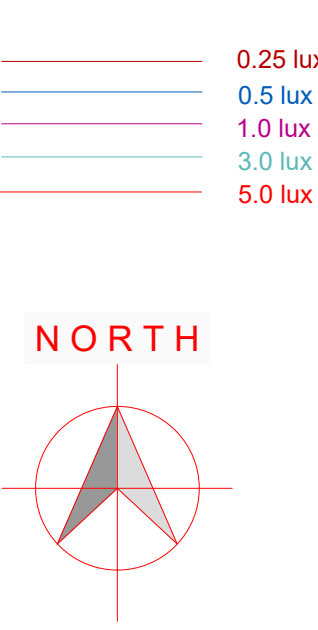




Wall mounted luminaire DETAILS

HEIGHT : 6m
BRACKET LENGTH : 0.5m
INCLINATION : 0 Degrees
COLUMN QUANTITY : 2

LANTERN DETAILS

HEIGHT : 6m
BRACKET LENGTH : 0.5m
INCLINATION : 0 Degrees
COLUMN QUANTITY : 2

WATTAGE (CLO) : 8 (PR active) 2W PIR sensor mode
MAKE & MODEL : Acropore Defender RV 2.7K 12-0-00
Solar PV luminaire with additional PV panel.

Luminaire G CIVITEO S - 36LED 4000K LED 700mA - NR Optic
Existing LED luminaire. Spec advised by FCC PL dept. Qty 3

Notes:

All LED lanterns must have Constant Light Output (CLO).
All lanterns to incorporate intelligent motion detection and management system.
Electronic Photocells switched at 35/18lux
All columns, luminaires, cable and plants, shall comply with Local Authority General Specification for Public Lighting.
No trees to be located within falling distance of P.L. columns.
Minimum setback of columns is 800mm from face of kerb.
Public lighting cable chamber as per Local Authority P.L. Dept. specification.

TYPE D COLUMN DETAILS

HEIGHT : 5m
BRACKET LENGTH : 0.5m
INCLINATION : 0 Degrees
COLUMN QUANTITY : 13

WATTAGE (CLO) : 15
MAKE & MODEL : Ultra-Schneider - Axis 2.1 - 8 LED @700mA - 5165 - 2700K WW - Front & Rear louvers Dimmed to 70%

TYPE E COLUMN DETAILS Existing as per SES 10717 or relocated as required

HEIGHT : 5m
BRACKET LENGTH : 0.5m
INCLINATION : 0 Degrees
COLUMN QUANTITY : 11
WATTAGE (CLO) : 10
MAKE & MODEL : Ultra-Schneider - Axis 2.1 - 8 LED @700mA - 5165 - 2700K WW - Rear louvers Dimmed to 50%

TYPE F COLUMN DETAILS

HEIGHT : 6m
BRACKET LENGTH : 0.5m
INCLINATION : 0 Degrees
COLUMN QUANTITY : 20
WATTAGE (CLO) : 20
MAKE & MODEL : Ultra-Schneider - Axis 2.1 - 8 LED @700mA - 5165 - 2700K - Rear louvers

TYPE A COLUMN DETAILS

HEIGHT : 6m
BRACKET LENGTH : 0.5m
INCLINATION : 0 Degrees
COLUMN QUANTITY : 127

WATTAGE (CLO) : 20
MAKE & MODEL : Ultra-Schneider - Axis 2.1 - 8 LED @700mA - 5165 - 2700K WW - Front & Rear louvers

TYPE B COLUMN DETAILS

HEIGHT : 1.0m
BRACKET LENGTH : NA
INCLINATION : 0 Degrees
COLUMN QUANTITY : 7

WATTAGE (CLO) : 4
MAKE & MODEL : Ultra-Schneider - Axis 2.1 - 8 LED @350mA - 5117 - 2700K WW - Rear louvers

TYPE C COLUMN DETAILS

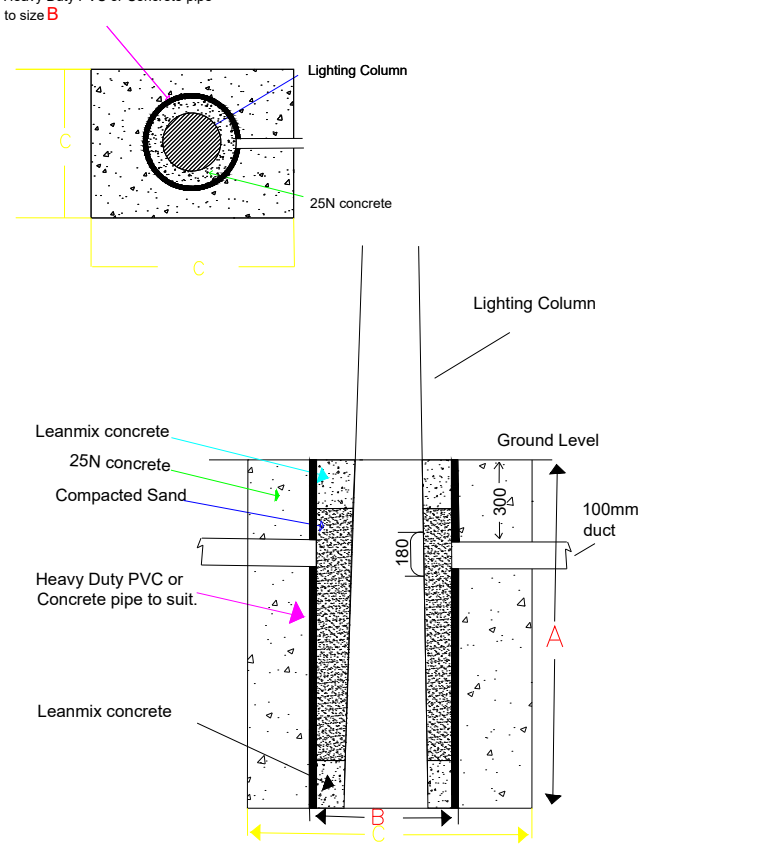
HEIGHT : 6m
BRACKET LENGTH : 0.5m
INCLINATION : 0 Degrees
COLUMN QUANTITY : 1
WATTAGE (CLO) : 23
MAKE & MODEL : Ultra-Schneider - Axis 2.1 - 24 LED @300mA - 5165 - 2700K - Rear louvers

2X6mm NYCC 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 "Steel Lighting" stamped on letter size firm at 1m intervals. The lettering to face upmost 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	1.9m	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 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

I	Crossing added at Milltown Rd	AN	CHK	14-08-26
J	Additional luminaires updated at crossing points.	AN	CHK	03-09-26
			CHK	
			CHK	
			CHK	
			CHK	

REV	DESCRIPTION	INITS	CHKD	DATE
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CLIENT/CUSTOMER

DBFL

PROJECT

Royal Canal Greenway CH 3200-CH8100

TITLE

Public Lighting Layout

DRAWN A.N	SCALE 1:500 @A1	DATE 06-07-22
DRAWING NUMBER SES 08322 Sheet 4		ISSUE 10

DRAWING ORIGIN

DBFL

DO NOT SCALE FROM THIS DRAWING