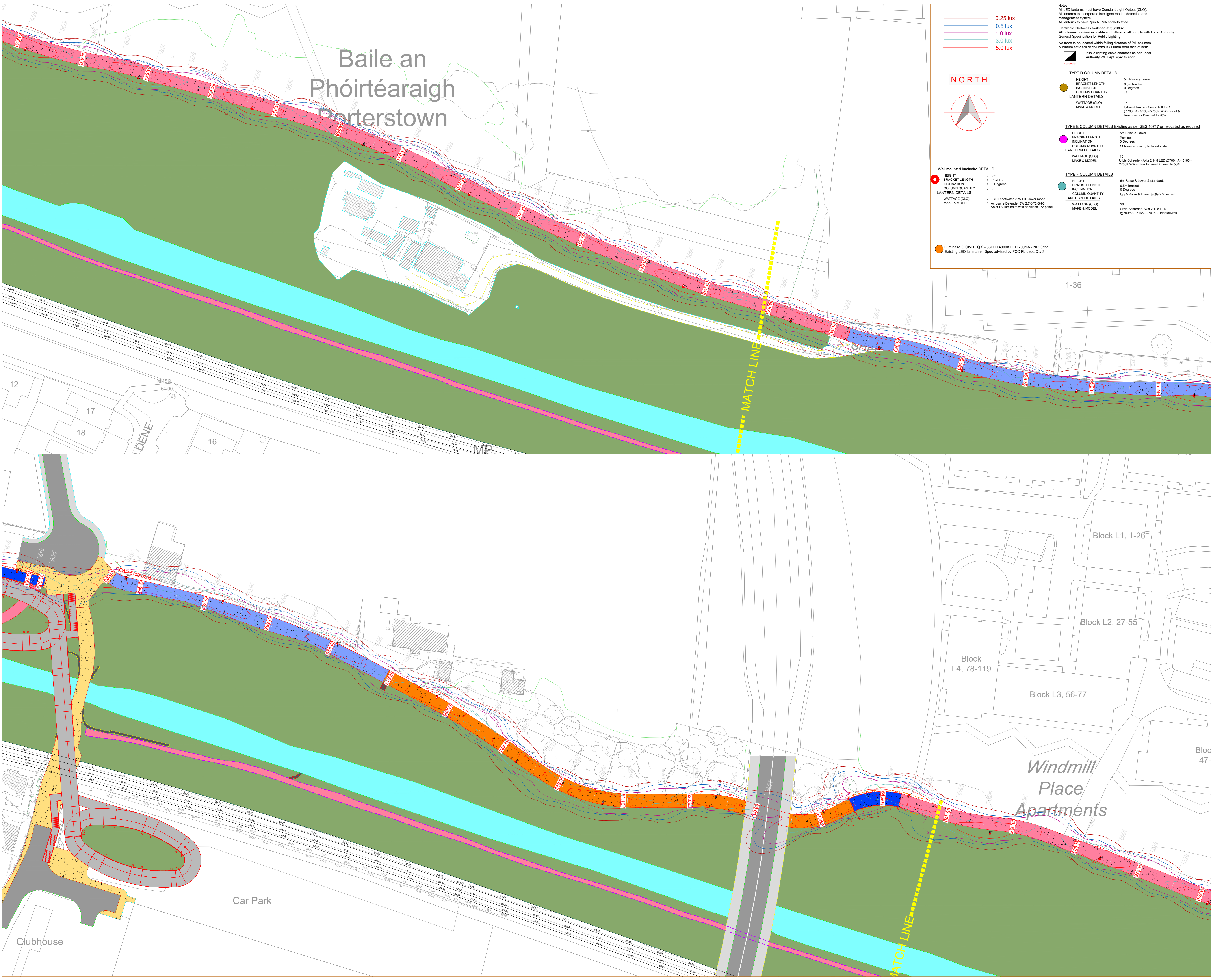




0.25 lux

0.5 lux

1.0 lux

3.0 lux

5.0 lux

NORTH

Wall mounted luminaire DETAILS

HEIGHT

BRACKET LENGTH

INCLINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m

Post Top

0 Degrees

2

8 (PR active) 2W PIR sensor mode

Autopose Delux 8W 12V 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

All lanterns to have 7pin NEMA sockets fitted

Electronic Photocells switched at 35/18lux

All columns, luminaires, cable and pillars: 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

BRACKET LENGTH

INCLINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

5m Raise & Lower

0.5m bracket

0 Degrees

13

15

Ubis-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

BRACKET LENGTH

INCLINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

5m Raise & Lower

Post Top

0 Degrees

11 New column. 8 to be relocated.

10

Ubis-Schneider- Axis 2.1 - 8 LED @700mA - 5165 - 2700K WW - Rear louvers Dimmed to 50%

TYPE F COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCLINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m Raise & Lower & standard

0.5m bracket

0 Degrees

Qty 5 Raise & Lower & Qty 2 Standard

20

Ubis-Schneider- Axis 2.1 - 8 LED

@700mA - 5165 - 2700K - Rear louvers

TYPE A COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCLINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m Raise & Lower

0.5m bracket

0 Degrees

127

20

Ubis-Schneider- Axis 2.1 - 8 LED

@700mA - 5165 - 2700K WW - Front & Rear louvers

TYPE B COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCLINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

1.0m

N/A

0 Degrees

7

4

Ubis-Schneider- Axis 2.1 - 8 LED

@350mA - 5117 - 2700K WW - Rear louvers

TYPE C COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCLINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m ESB Pole or column mounted

Pole Top

0 Degrees

1 Column mounted 2 ESB pole mounted

23

Ubis-Schneider- Axis 2.1 - 34 LED

@300mA - 5165 - 2700K - Rear louvers

2X6kg NYCY cable laid in ducting to I.S.10101:2020.

Single wall ducting, colour red to be used

107mm external diameter, having a wall thickness of 5mm.

This ducting to have the words "Steel Lighting" stamped on

letter size form 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

Heavy Duty PVC or Concrete pipe to size B

Lighting Column

25N concrete

Ground Level

100mm duct

Learnmix concrete

25N concrete

Compacted Sand

Heavy Duty PVC or Concrete pipe to suit

Learnmix concrete

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 Millstown Rd

AN

CHK

14-08-26

J

Additional luminaires updated at crossing points.

AN

CHK

03-09-26

AN

CHK

AN

CHK

AN

CHK

AN

CHK

REV

DESCRIPTION

INITS

CHKD

DATE

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 5

ISSUE

10

BASE DRAWING NUMBER

DRAWING ORIGIN

DBFL

DO NOT SCALE FROM THIS DRAWING