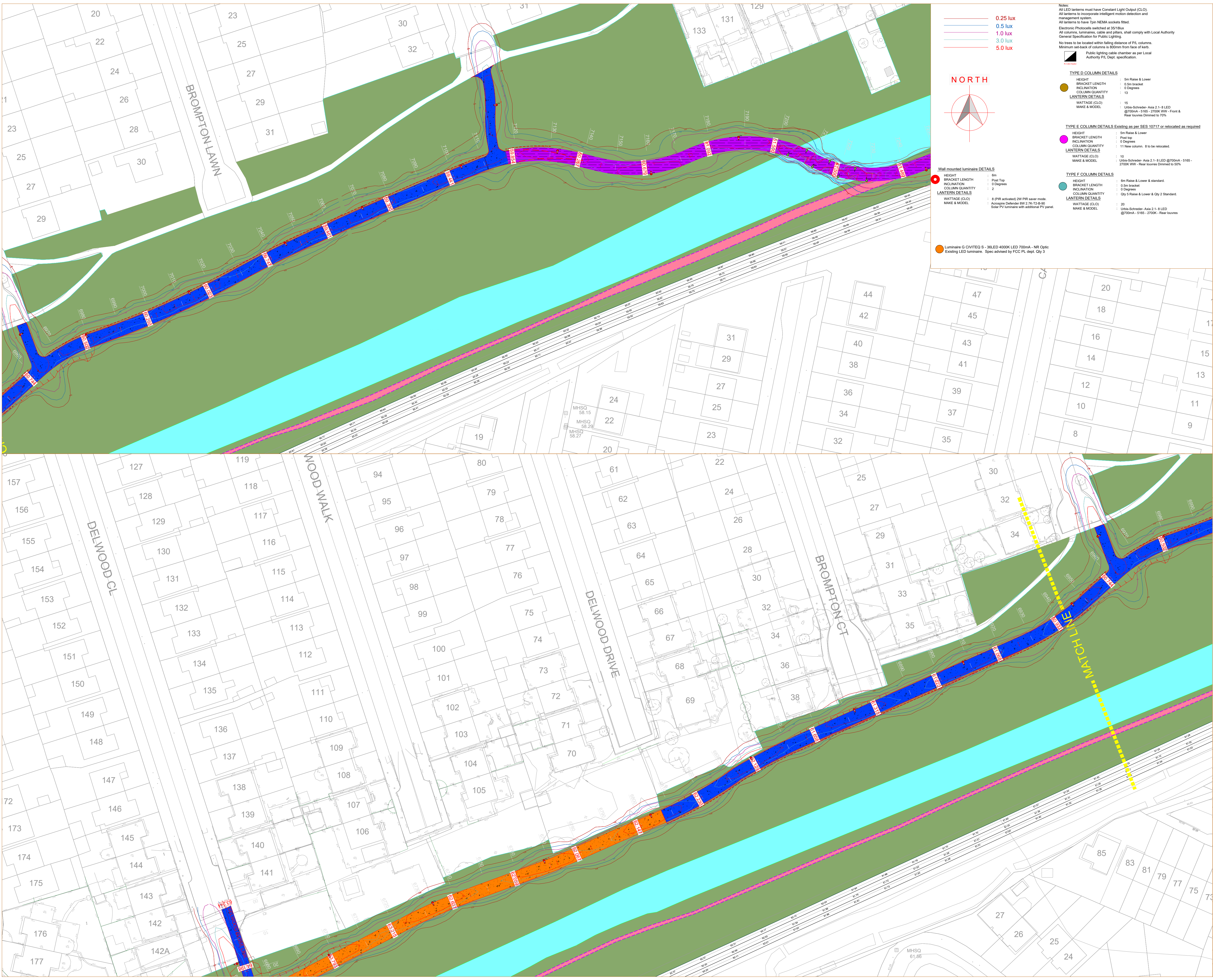




Notes:
All LED lanterns must have Constant Light Output (CLO).
All lanterns to incorporate intelligent motion detection and management system.
All lanterns to have 7pin NEMA sockets fitted.
Electronic Photocells switched at 35/18lux.
All columns, luminaires, cable and pillars, shall comply with Local 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 A COLUMN DETAILS
HEIGHT : 6m Raise & Lower
BRACKET LENGTH : 0.5m bracket
INCLINATION : 0 Degrees
COLUMN QUANTITY : 127
LANTERN DETAILS :
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
LANTERN DETAILS :
WATTAGE (CLO) : 4
MAKE & MODEL : Ultra-Schneider- Axis 2 1- 34 LED @350mA - 5117 - 2700K WW - Rear louvers

TYPE C COLUMN DETAILS
HEIGHT : 6m ESB Pole or column mounted
BRACKET LENGTH : Pole Top
INCLINATION : 0 Degrees
COLUMN QUANTITY : 1 Column mounted, 2 ESB pole mounted
LANTERN DETAILS :
WATTAGE (CLO) : 23
MAKE & MODEL : Ultra-Schneider- Axis 2 1- 34 LED @300mA - 5165 - 2700K - Rear louvers

TYPE D COLUMN DETAILS
HEIGHT : 5m Raise & Lower
BRACKET LENGTH : 0.5m bracket
INCLINATION : 0 Degrees
COLUMN QUANTITY : 13
LANTERN DETAILS :
WATTAGE (CLO) : 15
MAKE & MODEL : Ultra-Schneider- Axis 2 1- 8 LED @700mA - 5165 - 2700K WW - Front & Rear louvers Dimmed to 50%

TYPE E COLUMN DETAILS Existing as per SES 10717 or relocated as required
HEIGHT : 5m Raise & Lower
BRACKET LENGTH : Pole top
INCLINATION : 0 Degrees
COLUMN QUANTITY : 11 New column, 8 to be relocated.
LANTERN DETAILS :
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 Raise & Lower & standard.
BRACKET LENGTH : Pole top
INCLINATION : 0 Degrees
COLUMN QUANTITY : Qty 5 Raise & Lower & Qty 2 Standard.
LANTERN DETAILS :
WATTAGE (CLO) : 20
MAKE & MODEL : Ultra-Schneider- Axis 2 1- 8 LED @700mA - 5165 - 2700K - Rear louvers

Wall mounted luminaire DETAILS
HEIGHT : 6m
BRACKET LENGTH : Post Top
INCLINATION : 0 Degrees
COLUMN QUANTITY : 2
LANTERN DETAILS :
WATTAGE (CLO) : 8 (PR active) 2W PIR sensor mode
MAKE & MODEL : Autopose Defender RPI 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

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 rose D

Lighting Column

25N concrete

Ground Level

100mm duct

Leamix concrete

25N concrete

Compacted Sand

Heavy Duty PVC or Concrete pipe to suit

Leamix concrete

NOTES
THIS DRAWING IS THE INTELLECTUAL PROPERTY OF Sabre LIGHTING DESIGN DEPT. AND IS COPYRIGHT (C) 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 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

REV	DESCRIPTION	INITS	CHKD	DATE
I	Crossing added at Millstown Rd	AN	CHK	14-08-26
J	Additional luminaires updated at crossing points.	ANN	CHK	03-09-26
		AN	CHK	
		AN	CHK	
		AN	CHK	
		AN	CHK	

CLIENT/CUSTOMER
DBFL

PROJECT
Royal Canal Greenway CH 3200-CH8100

TITLE
Public Lighting Layout

DRAWN	SCALE	DATE
A.N	1:500 @A1	06-07-22

DRAWING NUMBER	ISSUE
SES 08322 Sheet 3	10

BASE DRAWING NUMBER
DRAWING ORIGIN
DBFL

DO NOT SCALE FROM THIS DRAWING