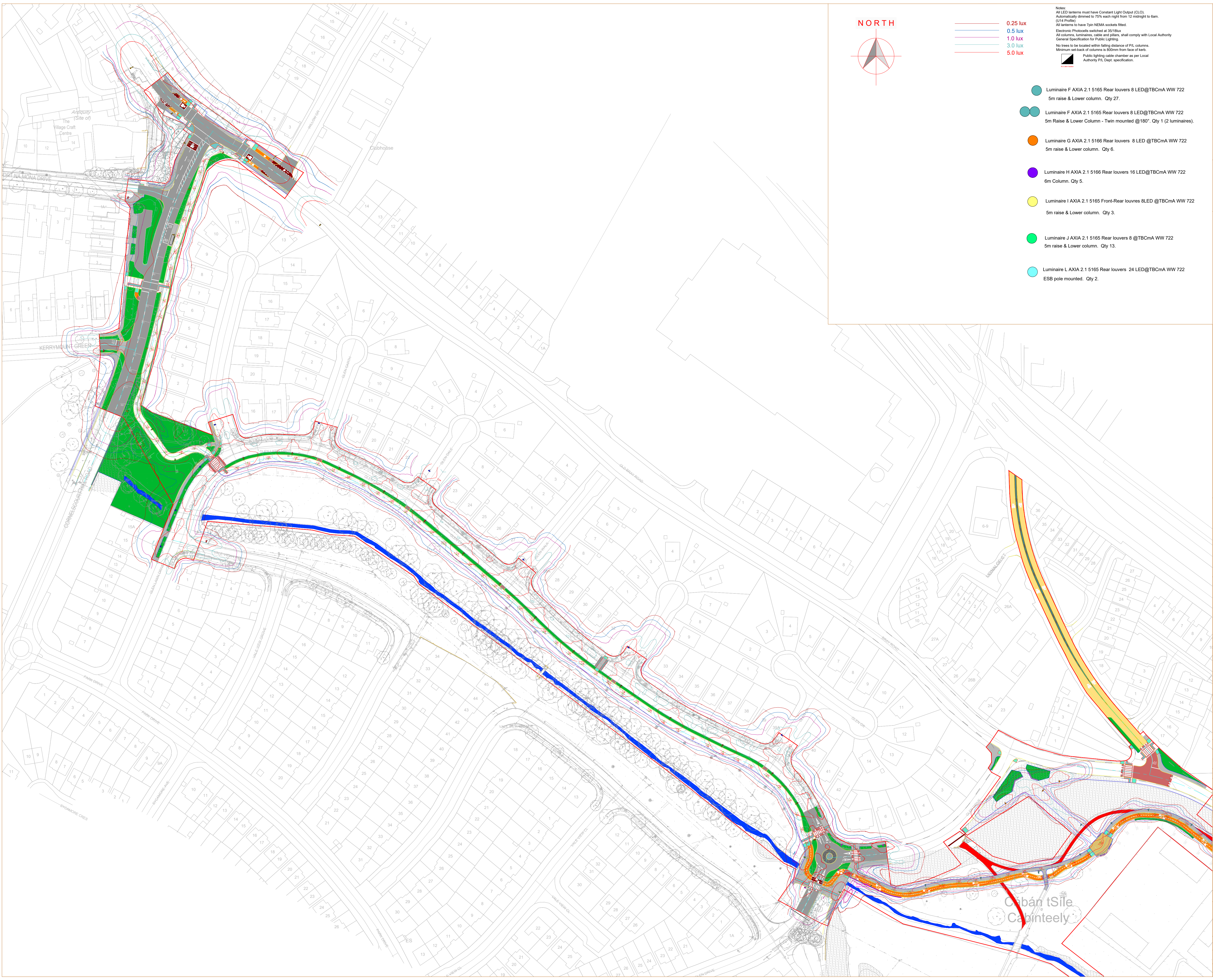


- 0.25 lux
- 0.5 lux
- 1.0 lux
- 3.0 lux
- 5.0 lux

Notes:
All LED lanterns must have Constant Light Output (C.L.O.).
Automatically dimmed to 75% each night from 12 midnight to 6am.
(U14 Profile)
All lanterns to have 7pin NEMA sockets fitted.
Electronic Photocontrols switched at 35/18lux
All columns, luminaires, cable and pillars, shall comply with Local Authority
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No trees to be located within falling distance of P.L. columns.
Minimum set-back of columns is 800mm from face of kerb.
Public lighting cable chamber as per Local Authority P.L. Dept. specification.

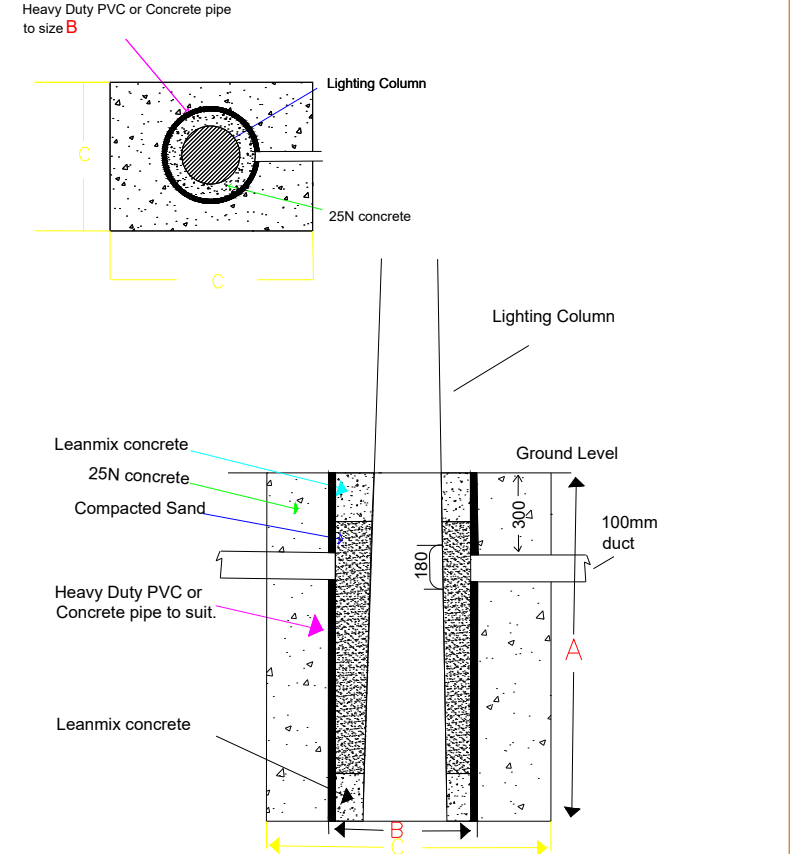
- Luminaire F AXIA 2.1 5165 Rear louvers 8 LED@TBCmA WW 722
5m raise & Lower column. Qty 27.
- Luminaire F AXIA 2.1 5165 Rear louvers 8 LED@TBCmA WW 722
5m Raise & Lower Column - Twin mounted @180°. Qty 1 (2 luminaires).
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5m raise & Lower column. Qty 6.
- Luminaire H AXIA 2.1 5166 Rear louvers 16 LED@TBCmA WW 722
6m Column. Qty 5.
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5m raise & Lower column. Qty 13.
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ESB pole mounted. Qty 2.

- Luminaire A AXIA 2.1 5167 Rear louvers 24LED @TBCmA WW 722
6m Column. Qty 5.
- Luminaire A AXIA 2.1 5167 Rear louvers 24LED @TBCmA WW 722
Luminaire B AXIA 2.1 5178 8 @TBCmA WW 722
6m Column - Twin mounted @180°. Qty 14 (28 luminaires)
- Luminaire B AXIA 2.1 5178 8 @TBCmA WW 722
5m raise & Lower column. Qty 4.
- Luminaire C AXIA 2.1 5167 24 LED @TBCmA WW 722
6m Column. Qty 9.
- Luminaire D P863-128-H6-4x4-BB-727-SA-0425-79W
8m Column. Qty 9.
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6m Column. Qty 4.

2X6kg NYCY 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 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	1.9m	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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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	-----
F	Part night switch off extended.	AN	CHK	04-08-25
E	Updated as per comments.	AN	CHK	06-06-25
D	Updated site Layout and LED to 2200K	AN	CHK	13-05-25
C	Updated site layout.	AN	CHK	09-11-24
B	Updated as per comments.	AN	CHK	25-10-24
A	All sections completed	AN	CHK	17-10-24
REV	DESCRIPTION	INITS	CHK'D	DATE

CLIENT/CUSTOMER
DBFL

PROJECT
Cabinteely Greenway

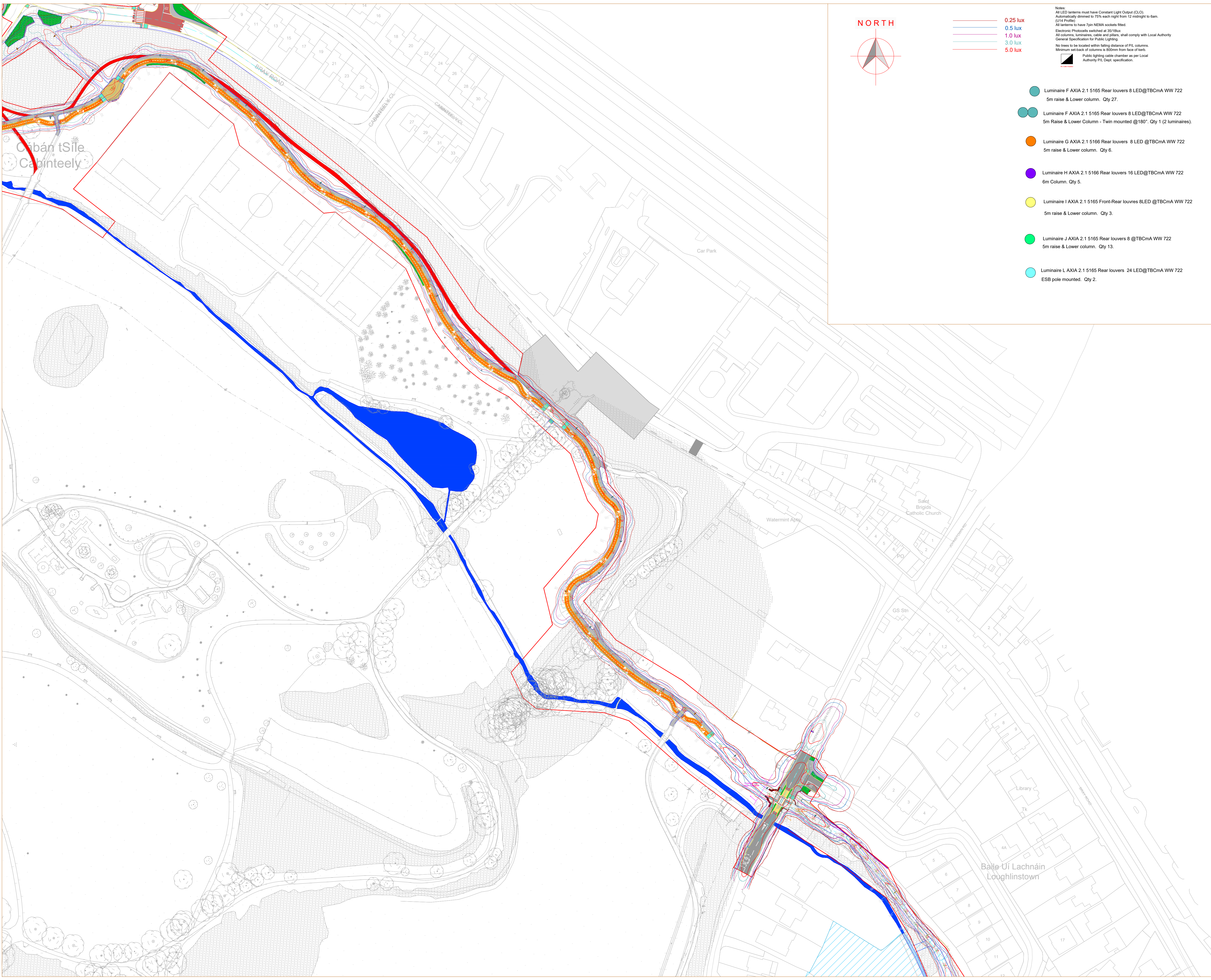
TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:1000 @A1	DATE 10-10-24
DRAWING NUMBER SES 16324 Sheet 1	ISSUE 7	

BASE DRAWING NUMBER

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING



Luminaire A AXIA 2.1 5167 Rear louvers 24LED @TBCmA WW 722
6m Column. Qty 5.

Luminaire A AXIA 2.1 5167 Rear louvers 24LED @TBCmA WW 722
Luminaire B AXIA 2.1 5178 8 @TBCmA WW 722
6m Column - Twin mounted @180°. Qty 14 (28 luminaires)

Luminaire B AXIA 2.1 5178 8 @TBCmA WW 722
5m raise & Lower column. Qty 4.

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6m Column. Qty 9.

Luminaire D P863-128-H6-4x4-BB-727-SA-0425-79W
8m Column. Qty 9.

Luminaire E AXIA 2.1 5167 Rear louvers 24 LED @TBCmA WW 722
6m Column. Qty 4.

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

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Sabre

ELECTRICAL SERVICES LTD.

Specialist Contractors

PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING

UNIT 11,
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FINGLAS,
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E - MAIL: graham@sabrelighting.ie

PH: 01-811 0875

-	?	GS	CHK	-----
F	Part night switch off extended.	AN	CHK	04-09-25
E	Updated as per comments.	AN	CHK	06-06-25
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C	Updated site layout.	AN	CHK	09-11-24
B	Updated as per comments.	AN	CHK	25-10-24
A	All sections completed	AN	CHK	17-10-24
REV	DESCRIPTION	INITS	CHK'D	DATE

CLIENT/CUSTOMER

DBFL

PROJECT

Cabinteely Greenway

TITLE

Public Lighting Layout

DRAWN

A.N

SCALE

1:1000 @A1

DATE

10-10-24

DRAWING NUMBER

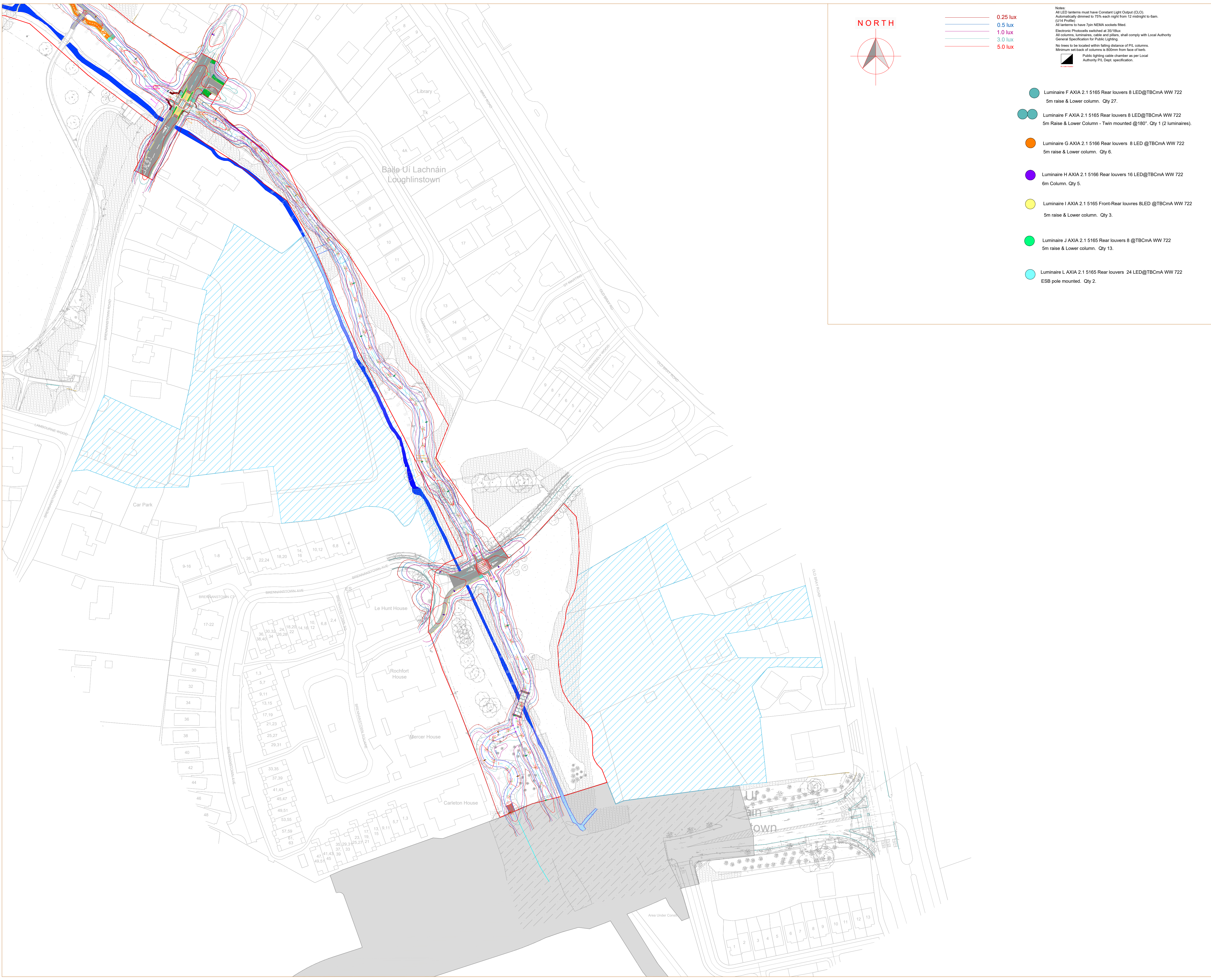
SES 16324 Sheet 2

ISSUE

7

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING



NORTH

0.25 lux
0.5 lux
1.0 lux
3.0 lux
5.0 lux

Notes:
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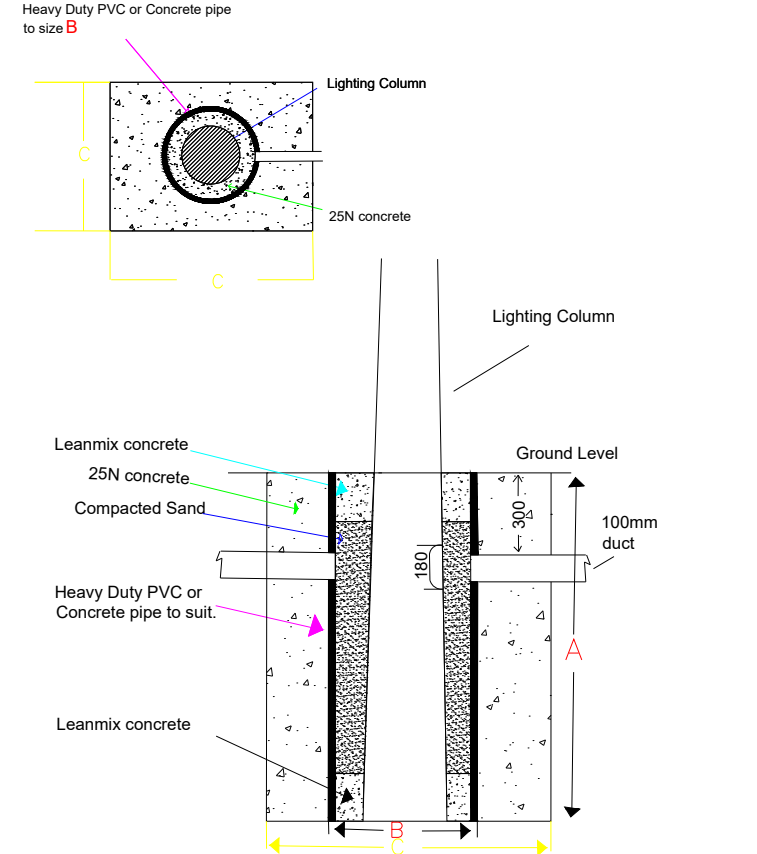
- Luminaire F AXIA 2.1 5165 Rear louvers 8 LED@TBCmA WW 722
5m raise & Lower column. Qty 27.
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5m raise & Lower column. Qty 13.
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ESB pole mounted. Qty 2.

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6m Column. Qty 5.
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5m raise & Lower column. Qty 4.
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6m Column. Qty 9.
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8m Column. Qty 9.
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6m Column. Qty 4.

2Xflex NYCY cable laid in ducting to I.S.10101:2020.
Single wall ducting, colour red to be used
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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



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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	CHK'D	DATE
-	?		GS	CHK
F	Part night switch off extended.		AN	CHK 04-09-25
E	Updated as per comments.		AN	CHK 06-06-25
D	Updated site Layout and LED to 2200K		AN	CHK 13-05-25
C	Updated site layout.		AN	CHK 09-11-24
B	Updated as per comments.		AN	CHK 25-10-24
A	All sections completed		AN	CHK 17-10-24

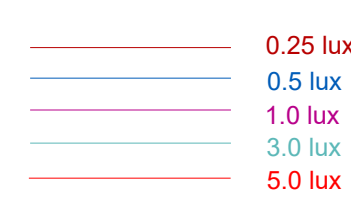
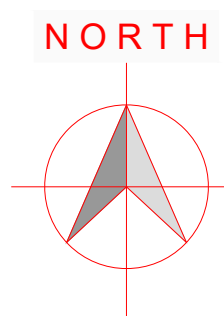
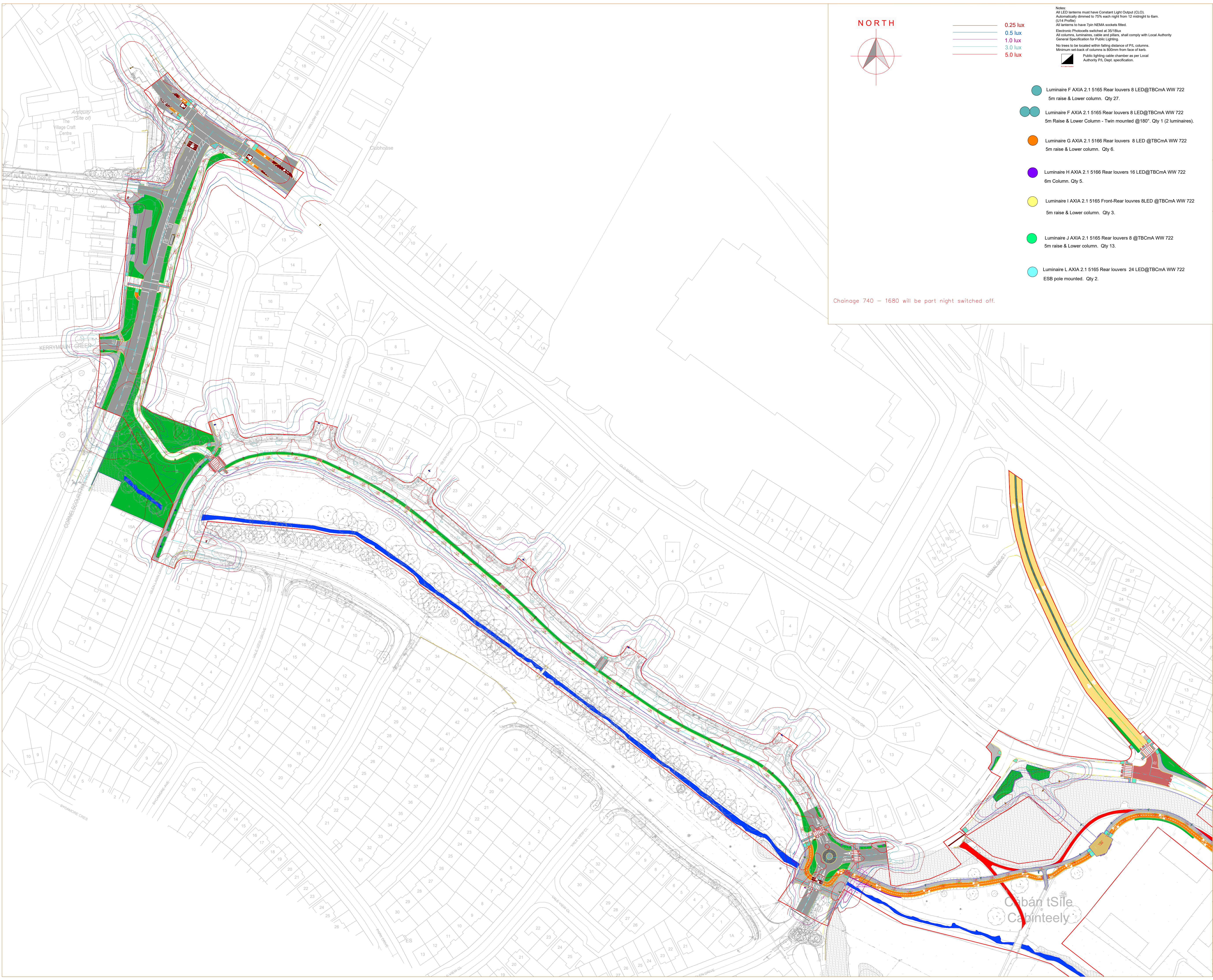
CLIENT/CUSTOMER
DBFL

PROJECT
Cabinteely Greenway

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:1000 @A1	DATE 10-10-24
DRAWING NUMBER SES 16324 Sheet 3	ISSUE 7	

BASE DRAWING NUMBER
DRAWING ORIGIN
DO NOT SCALE FROM THIS DRAWING



Notes:
All LED lanterns must have Constant Light Output (C.L.O.).
Automatically dimmed to 75% each night from 12 midnight to 6am.
(U14 Profile)
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- Luminaire F AXIA 2.1 5165 Rear louvers 8 LED@TBCmA WW 722
5m raise & Lower column. Qty 27.
- Luminaire F AXIA 2.1 5165 Rear louvers 8 LED@TBCmA WW 722
5m Raise & Lower Column - Twin mounted @180°. Qty 1 (2 luminaires).
- Luminaire G AXIA 2.1 5166 Rear louvers 8 LED @TBCmA WW 722
5m raise & Lower column. Qty 6.
- Luminaire H AXIA 2.1 5166 Rear louvers 16 LED@TBCmA WW 722
6m Column. Qty 5.
- Luminaire I AXIA 2.1 5165 Front-Rear louvers 8LED @TBCmA WW 722
5m raise & Lower column. Qty 3.
- Luminaire J AXIA 2.1 5165 Rear louvers 8 @TBCmA WW 722
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- Luminaire L AXIA 2.1 5165 Rear louvers 24 LED@TBCmA WW 722
ESB pole mounted. Qty 2.

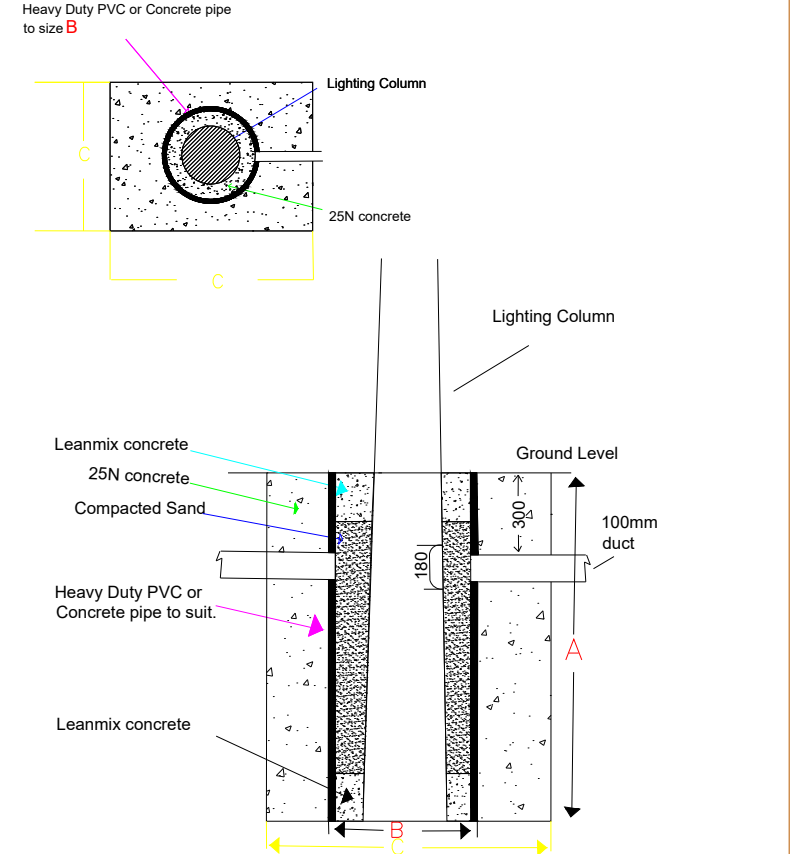
Chainage 740 – 1680 will be part night switched off.

- Luminaire A AXIA 2.1 5167 Rear louvers 24LED @TBCmA WW 722
6m Column. Qty 5.
- Luminaire A AXIA 2.1 5167 Rear louvers 24LED @TBCmA WW 722
Luminaire B AXIA 2.1 5178 8 @TBCmA WW 722
6m Column - Twin mounted @180°. Qty 14 (28 luminaires)
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5m raise & Lower column. Qty 4.
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2Xflex NYCY cable laid in ducting to I.S.10101:2020.
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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



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Specialist Contractors
PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING

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E - MAIL: graham@sabrelighting.ie PH: 01-811 0875

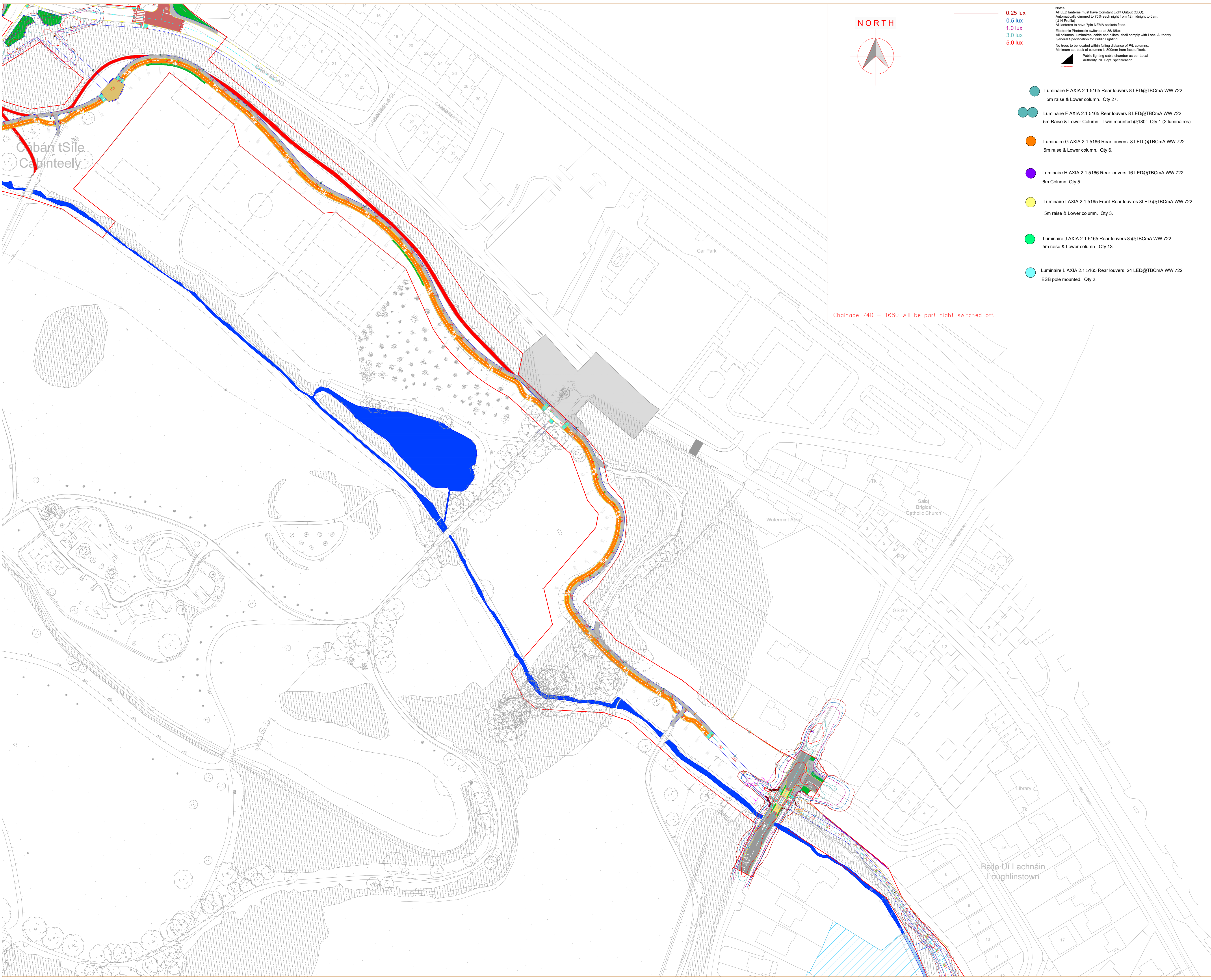
-	?	GS	CHK	-----
F	Part night switch off extended.	AN	CHK	04-09-25
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REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER
DBFL

PROJECT
Cabinteely Greenway

TITLE
**Public Lighting Layout
Sections Switched off**
DRAWN SCALE DATE
A.N. 1:1000 @A1 10-10-24
DRAWING NUMBER ISSUE
SES 16324 Sheet 1 7
BASE DRAWING NUMBER
DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING



- 0.25 lux
- 0.5 lux
- 1.0 lux
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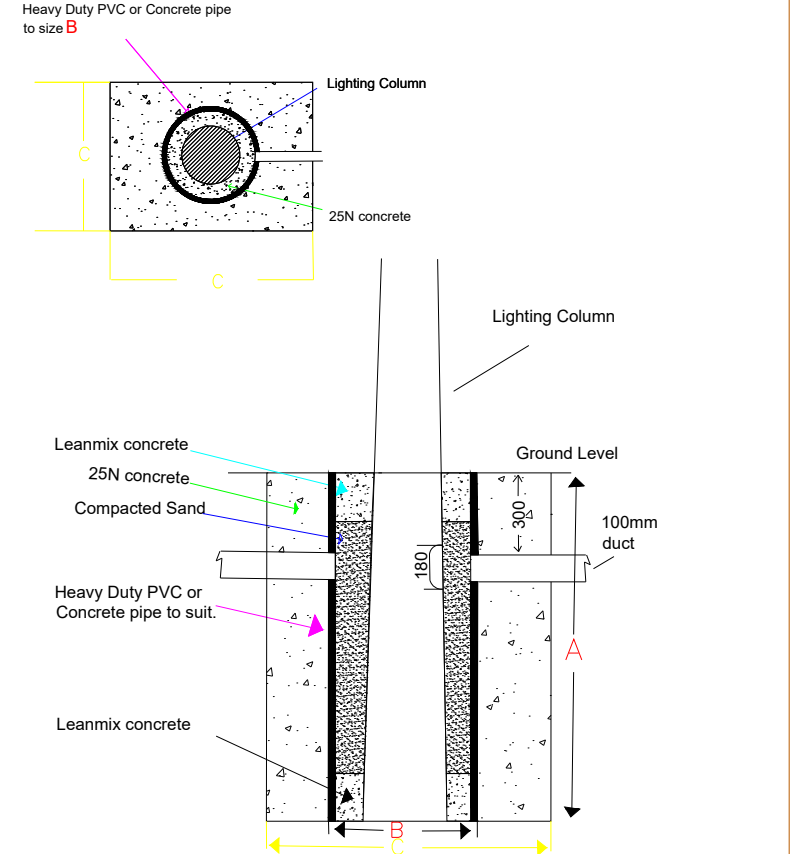
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EXCAVATION (width x length)	1000	800	600	400



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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.



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	-----
F	Part night switch off extended.	AN	CHK	04-09-25
E	Updated as per comments.	AN	CHK	06-06-25
D	Updated site Layout and LED to 2200K	AN	CHK	13-05-25
C	Updated site layout.	AN	CHK	09-11-24
B	Updated as per comments.	AN	CHK	25-10-24
A	All sections completed	AN	CHK	17-10-24
REV	DESCRIPTION	INITS	CHK'D	DATE

CLIENT/CUSTOMER
DBFL

PROJECT
Cabinteely Greenway

TITLE Public Lighting Layout Sections Switched off		
DRAWN A.N	SCALE 1:1000 @A1	DATE 10-10-24
DRAWING NUMBER SES 16324 Sheet 2	ISSUE 7	

DRAWING ORIGIN
DO NOT SCALE FROM THIS DRAWING

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING