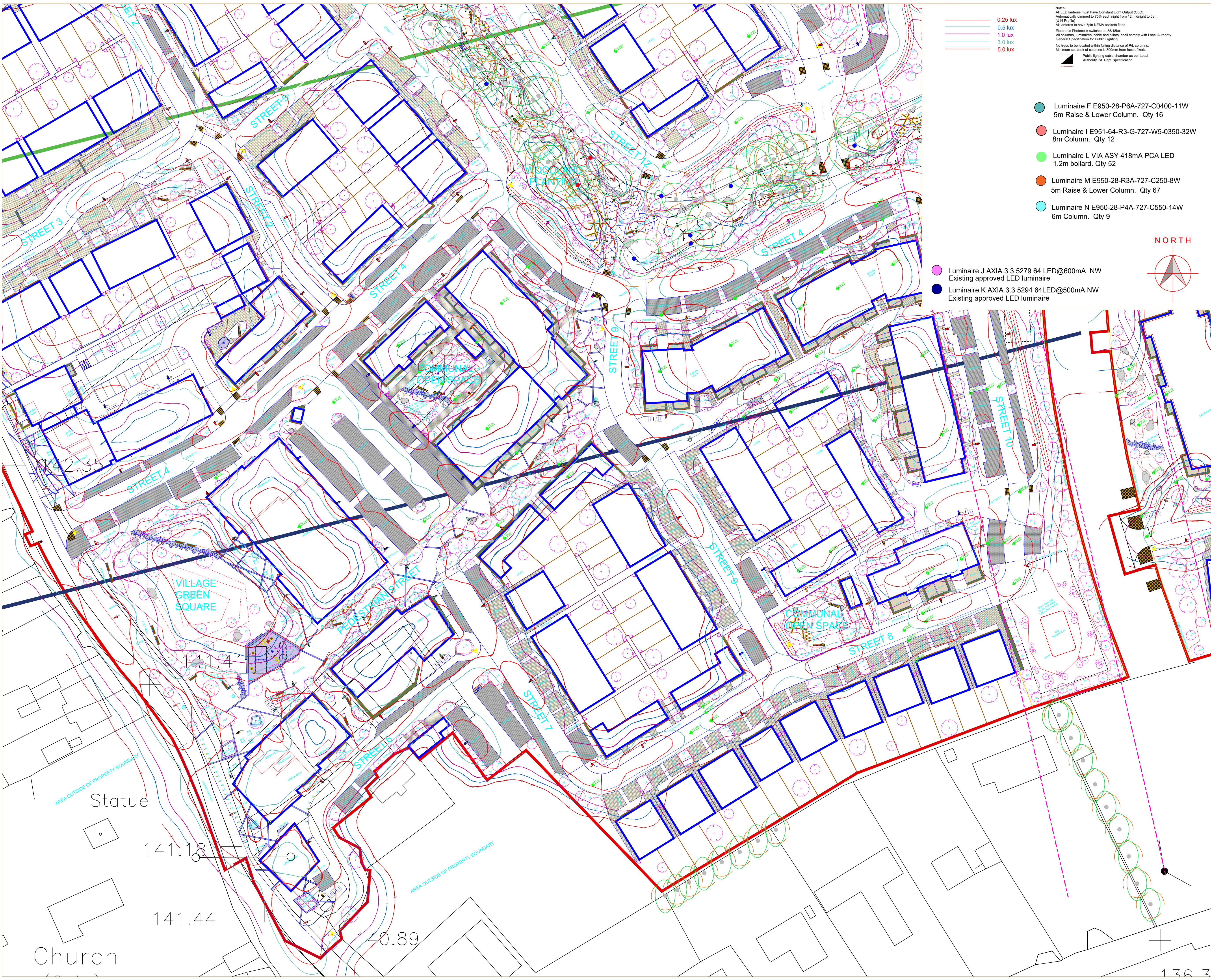




- 0.25 lux

0.5 lux

1.0 lux

3.0 lux

5.0 lux
- Notes:

All LED luminaires must have Constant Light Output (C.L.O.).
Automatically dimmed to 75% each night from 12 midnight to 6am.
(U14 Profile)

All luminaires 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 set-back of columns is 800mm from face of kerb.

Public lighting cable chamber as per Local Authority P.L. Dept. specification.
- Luminaire F E950-28-P6A-727-C0400-11W

5m Raise & Lower Column. Qty 16

Luminaire I E951-64-R3-G-727-W5-0350-32W

8m Column. Qty 12

Luminaire L VIA ASY 418mA PCA LED

1.2m bollard. Qty 52

Luminaire M E950-28-R3A-727-C250-8W

5m Raise & Lower Column. Qty 67

Luminaire N E950-28-P4A-727-C550-14W

6m Column. Qty 9

- Luminaire A E950-28-P4A-727-C600-16W

6m Column. Qty 81

Luminaire B E950-28-P4A-727-C200-7W

5m Raise & Lower Column. Qty 7

Luminaire A E950-28-P4A-727-C600-16W

Luminaire B E950-28-P4A-727-C200-7W

6m Column. Twin stub bracket at 180°

Qty 1 (2 Luminaires)

Luminaire C E950-28-F2A-727-C600-16W

6m Column. Qty 31

Luminaire D E950-28-A2A-727-C600-16W

5m Raise & Lower Column. Qty 2

Luminaire E E950-28-P4A-BB-727-SA0525-23W

6m Column. Qty 7
- 2Xiling 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.),
10/7mm external diameter, having a wall thickness of 5mm.
This ducting to have the words "Street 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 typical 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
- Heavy Duty PVC or Concrete pipe
to size D

Lighting Column

25N concrete

Ground Level

100mm
dust

Learnmix concrete

25N concrete

Compacted Sand

Heavy Duty PVC or
Concrete pipe to suit

Learnmix concrete
- NOTES

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF
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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 luminaires 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
- | | | | | |
|-----|---|------|------|----------|
| G | Updated as per comments. | AN | CHK | 03-05-24 |
| H | Updated to Site Master Plan | AN | CHK | 09-07-24 |
| I | Latest landscape background used & additional columns added | AN | CHK | 19-07-24 |
| J | S4E & S4E relocated to avoid Swale. | AN | CHK | 22-07-24 |
| | | AN | CHK | |
| | | AN | CHK | |
| | | AN | CHK | |
| REV | DESCRIPTION | INTS | CHKD | DATE |
- CLIENT/CUSTOMER

Liscope Limited

PROJECT

Kiltiernan Village Ph 1

TITLE

Public Lighting Layout

DRAWN	SCALE	DATE
A.N	1:500@A1	09-08-23
DRAWING NUMBER	ISSUE	
SES 09823 Sheet 3	11	
BASE DRAWING NUMBER		
DRAWING ORIGIN		
- DO NOT SCALE FROM THIS DRAWING