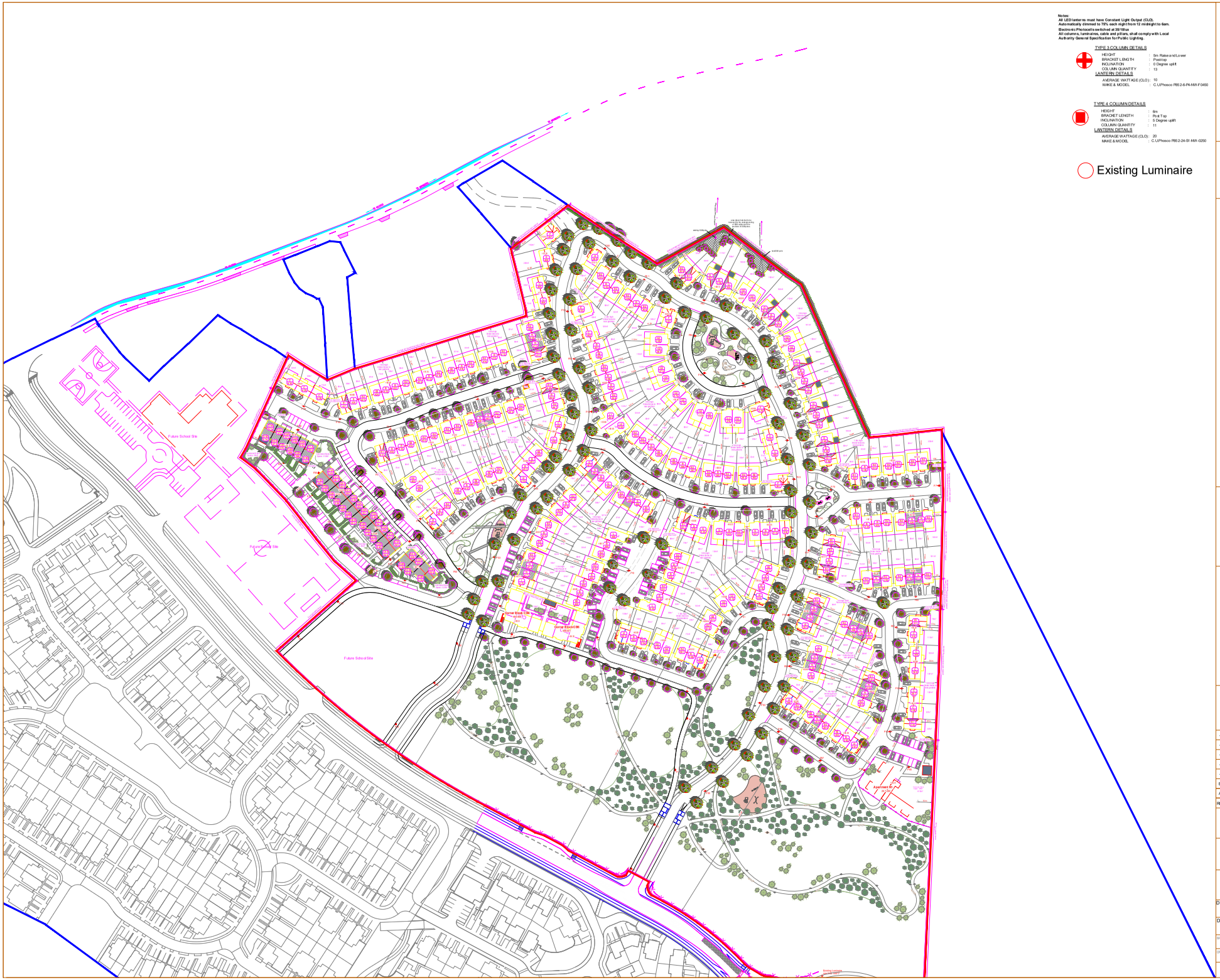


Notes:
All LED lanterns must have Constant Light Output (CLO).
Automatically dimmed to 70% each night from 12 midnight to 6am.
Electronic Photocells switched at 35/10lux
All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting.

TYPE 3 COLUMN DETAILS
HEIGHT : 5m Raise and Lower
BRACKET LENGTH : Post top
INCLINATION : 0 Degree uplift
COLUMN QUANTITY : 13
LANTERN DETAILS
AVERAGE WATTAGE (CLO): 10
MAKE & MODEL : C.U Phosco PB52-6-P4-NW-F0450

TYPE 4 COLUMN DETAILS
HEIGHT : 6m
BRACKET LENGTH : Post Top
INCLINATION : 5 Degree uplift
COLUMN QUANTITY : 11
LANTERN DETAILS
AVERAGE WATTAGE (CLO): 20
MAKE & MODEL : C.U Phosco PB52-2-24-5T-NW-0250

Existing Luminaire

TYPE 1 COLUMN DETAILS
HEIGHT : 10m
BRACKET LENGTH : Post top
INCLINATION : 0 Degree uplift
COLUMN QUANTITY : 4
LANTERN DETAILS
AVERAGE WATTAGE (CLO): 99w LED
MAKE & MODEL : C.U Phosco PB52-32-C1-NW-F1000

TYPE 2 COLUMN DETAILS
HEIGHT : 6m
BRACKET LENGTH : Post top
INCLINATION : 5 degree uplift
COLUMN QUANTITY : 135
LANTERN DETAILS
AVERAGE WATTAGE (CLO): 20
MAKE & MODEL : C.U Phosco PB52-4 2P4-NW-CB0500

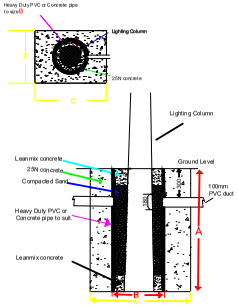
Public Lighting Cable Chamber as per Local Authority Public Lighting Specification.

2/16 sq NYCY cable laid in ducting to ETCI ET101.
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 "Street Lighting" stamped on, letter size 30mm at 1m intervals. The lettering to face up per most in the trench. All works to Local Authority specification. This is a circuit 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	A	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	B	450	400	400	300
EXCAVATION (width x length)	C	1000	800	800	400



NOTES

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NO ACCOUNT IS TAKEN OF OR 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
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Specialist Contractors
PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING

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FAX: 864 4720

REV	DESCRIPTION	INITS	CHK'D	DATE
-	?	GS	CHK	——-
-	?	GS	CHK	——
-	?	GS	CHK	——
-	?	GS	CHK	——
-	?	GS	CHK	——
B	Column positions Houses 338-359 moved	AN	CHK	10-12-19
A	COK adjustments to column positions	GS	CHK	7-11-19

CLIENT/CUSTOMER
Fajon Constuction Ltd

PROJECT
Kilcock, Character Area 2

TITLE
Public Lighting Layout

DRAWN	SCALE	DATE
A.N	1:1000 @A1	16-10-19

DRAWING NUMBER	ISSUE
SES 15219 Sheet 1	3

BASE DRAWING NUMBER
1829 Site Layout.dwg

DRAWING ORIGIN
Conroy Crowe Kelly Architects and Urban Designers

DO NOT SCALE FROM THIS DRAWING