

Unit Type ID	Count	Status	Mounting Height	Column Type	Column Material	Column Colour	Installation Type	Root Length	Mounting	Luminaire	Optic Setting	Output (klm)	Colour Temperature	Wattage	Luminaire Weight	Windage	Control Unit	Switching Unit	Isolator	Luminaire Elexon Code	Control Gear Elexon Code
A	26	Proposed column	6 metres	Mallatite Stepped tubular (Product code: 01 06 5401)	Galvanised steel	BS12B25 (Spruce Green)	Planted	Factory standard	Post top	DW Windsor Kirium Pro Mini	A1	3.46 (16 no. LEDs)	3000K (Warm white)	22W (@500mA)	3.6kg	0.03m²	Philips SR driver	Urban Control - ZHAGA DALI node (GPS type)	Tofco double isolator (Product code: TOFCO-Z-TYPE 1SK-PFI)	42 0022 0000 100	98 0001 0010 100
B	5	Proposed column	6 metres	Mallatite Stepped tubular (Product code: 01 06 5401)	Galvanised steel	BS12B25 (Spruce Green)	Planted	Factory standard	Post top	DW Windsor Kirium Pro Mini	A1	2.76 (16 no. LEDs)	3000K (Warm white)	18W (@500mA)	3.6kg	0.03m²	Philips SR driver	Urban Control - ZHAGA DALI node (GPS type)	Tofco double isolator (Product code: TOFCO-Z-TYPE 1SK-PFI)	42 0018 0000 100	98 0001 0010 100

Col Ref	Unit Type ID	Location	Easting	Northing	Luminaire Tilt	Electricity Supply	Notes
1	A	Road 01	536311.9	139396.4	0 degrees	DNO (New Supply)	
2	A	Road 01	536312.8	139356.9	0 degrees	DNO (New Supply)	
3	A	Road 01	536336.0	139330.7	0 degrees	DNO (New Supply)	
1	B	Road 02	536392.4	139343.2	0 degrees	DNO (New Supply)	
2	A	Road 02	536359.1	139334.2	0 degrees	DNO (New Supply)	
3	A	Road 02	536319.3	139310.6	0 degrees	DNO (New Supply)	
4	A	Road 02	536281.5	139301.3	0 degrees	DNO (New Supply)	
5	A	Road 02	536252.5	139286.5	0 degrees	DNO (New Supply)	
6	A	Road 02	536223.4	139272.0	0 degrees	DNO (New Supply)	
7	A	Road 02	536205.2	139250.3	0 degrees	DNO (New Supply)	
8	A	Road 02	536184.2	139237.5	0 degrees	DNO (New Supply)	
9	A	Road 02	536199.3	139202.1	0 degrees	DNO (New Supply)	
10	A	Road 02	536215.0	139173.1	0 degrees	DNO (New Supply)	
11	B	Road 02	536228.2	139149.2	0 degrees	DNO (New Supply)	
12	B	Road 02	536251.4	139152.9	0 degrees	DNO (New Supply)	
1	A	Road 03	536318.0	139294.3	0 degrees	DNO (New Supply)	
2	A	Road 03	536330.8	139269.1	0 degrees	DNO (New Supply)	
1	A	Road 04	536239.8	139264.3	0 degrees	DNO (New Supply)	
2	A	Road 04	536259.5	139225.2	0 degrees	DNO (New Supply)	
1	A	Road 05	536224.8	139194.3	0 degrees	DNO (New Supply)	
2	A	Road 05	536254.1	139209.1	0 degrees	DNO (New Supply)	
3	A	Road 05	536288.6	139236.1	0 degrees	DNO (New Supply)	
4	A	Road 05	536329.8	139242.9	0 degrees	DNO (New Supply)	
5	A	Road 05	536359.7	139263.1	0 degrees	DNO (New Supply)	
6	A	Road 05	536389.9	139274.7	0 degrees	DNO (New Supply)	
7	A	Road 05	536427.1	139265.0	0 degrees	DNO (New Supply)	
8	A	Road 05	536437.4	139235.2	0 degrees	DNO (New Supply)	
9	A	Road 05	536418.6	139209.5	0 degrees	DNO (New Supply)	
10	A	Road 05	536385.0	139200.8	0 degrees	DNO (New Supply)	
11	B	Road 05	536350.8	139203.7	0 degrees	DNO (New Supply)	
12	B	Road 05	536318.8	139190.7	0 degrees	DNO (New Supply)	



Hazard/Risk Codes	
Code	Hazard/Risk Description
	No significant hazards

Key

Proposed street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).

Lighting Classes (BS5489-1:2020)	
Refer to document EVO20033901 - Design Check List	
All roads	P4
Maintenance Factor = 0.76 (0.9 x 0.84)	

- Notes
- Do not scale from drawing if not printed at original paper size.
 - All street lighting equipment and works to be carried out in accordance with current Surrey County Council specification - Developer Street Lighting Notes and Specification Section 38 and 278 Works for Adoption.
 - Any inaccuracies are to be reported to the Overseeing Organisation immediately.
 - Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertaker's information visit www.linesearchbeforeyoudig.co.uk.
 - During works all traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.
 - Columns are to be designed in accordance with BSEN40 and PD6547.
 - Lighting columns to be fed by DNO supply unless otherwise shown.
 - The contractor shall liaise with the DNO in relation to the programming and coordination of any works associated with the connection and disconnection of street lighting equipment.
 - It should be assumed by the contractor that not all services have been identified during the design period. It is the responsibility of the contractor to ensure that all unidentified services are carefully located and reported.
 - Each luminaire to be fitted with a ZHARGA socket compatible with CMS.
 - Maintenance numbers as shown on the drawing are to be confirmed by SCC.
 - Columns to be numbered using adhesive labels suitable for exterior use. Letters and numerals shall be 50mm high black on a white background.
 - Columns are to be factory painted.
 - Prior to installation contractor to contact Milestone Infrastructure to ascertain how the CMS will connect to an existing Urban Control Access Point or whether a new Access Point is required.
 - All apparatus are to be new at the time of installation and be supported by relevant manufacturer's guarantees.
 - All apparatus shall be sited so as to minimise, in so far as is reasonable and practical, nuisance, danger and obstruction to all residents, businesses and users of the highway.
 - All illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption.
 - Trees or any other foliage on the site must not interfere with the lighting.
 - This detailed design has been prepared in accordance with the HEA-HEMSA guidance note - CDM2015 regulations, issue 1.1, dated 09/04/15 Procedure 3: information has been supplied by the client or another Designer or the Principal Designer which forms the basis of this lighting scheme design and includes the hazards identified by others on their hazard elimination and management list.

A	ORIGINAL ISSUE	19/06/25	MWG
REV	DESCRIPTION	DATE	BY

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TITLE

SECTION 38
STREET LIGHTING
LAYOUT DRAWING
SHEET 1 OF 2

PROJECT

CRAWLEY DOWN ROAD, FELBRIDGE
PHASE 2

SCALE	DATE
1:500 @ A1	19/06/25
	DRAWN
	MWG
	CHECKED
	RHJ

PAPER SIZE	APPROVED
A1	SAB

DRAWING NUMBER	REVISION
EVO20033901-LD-002	A