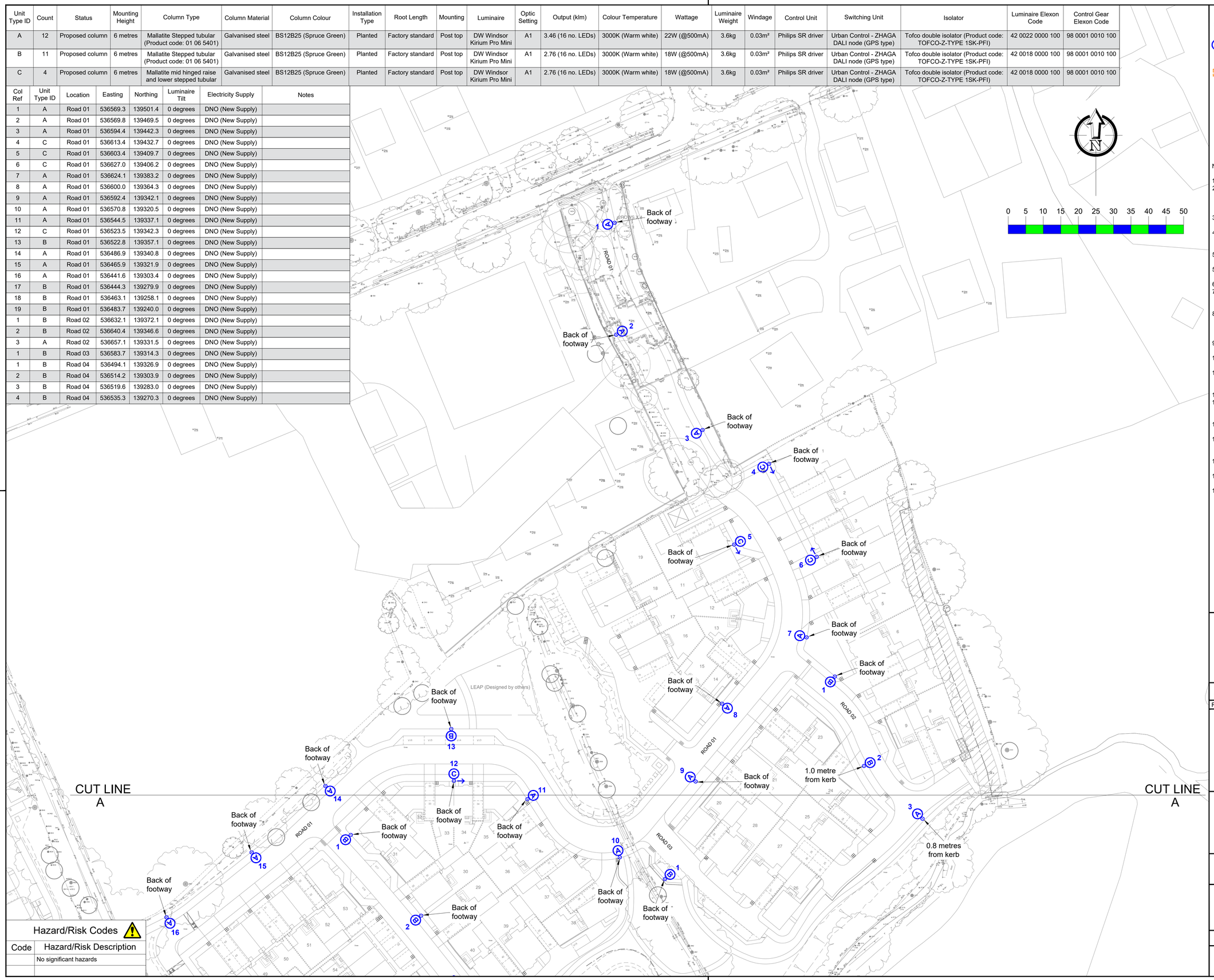
Unit Type ID	Count	Status	Mounting Height	Column Type	Column Material	Column Colour	Installation Type	Root Length	Mounting	Luminaire	Optic Setting	Output (klm)	Colour Temperature	Wattage	Luminaire Weight	Windage	Control Unit	Switching Unit	Isolator	Luminaire Elexon Code	Control Gear Elexon Code
A	12	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	11	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
C	4	Proposed column	6 metres	Mallatite mid hinged raise and lower stepped tubular	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	536569.3	139501.4	0 degrees	DNO (New Supply)	
2	A	Road 01	536569.8	139469.5	0 degrees	DNO (New Supply)	
3	A	Road 01	536594.4	139442.3	0 degrees	DNO (New Supply)	
4	C	Road 01	536613.4	139432.7	0 degrees	DNO (New Supply)	
5	C	Road 01	536603.4	139409.7	0 degrees	DNO (New Supply)	
6	C	Road 01	536627.0	139406.2	0 degrees	DNO (New Supply)	
7	A	Road 01	536624.1	139383.2	0 degrees	DNO (New Supply)	
8	A	Road 01	536600.0	139364.3	0 degrees	DNO (New Supply)	
9	A	Road 01	536592.4	139342.1	0 degrees	DNO (New Supply)	
10	A	Road 01	536570.8	139320.5	0 degrees	DNO (New Supply)	
11	A	Road 01	536544.5	139337.1	0 degrees	DNO (New Supply)	
12	C	Road 01	536523.5	139342.3	0 degrees	DNO (New Supply)	
13	B	Road 01	536522.8	139357.1	0 degrees	DNO (New Supply)	
14	A	Road 01	536486.9	139340.8	0 degrees	DNO (New Supply)	
15	A	Road 01	536465.9	139321.9	0 degrees	DNO (New Supply)	
16	A	Road 01	536441.6	139303.4	0 degrees	DNO (New Supply)	
17	B	Road 01	536444.3	139279.9	0 degrees	DNO (New Supply)	
18	B	Road 01	536463.1	139258.1	0 degrees	DNO (New Supply)	
19	B	Road 01	536483.7	139240.0	0 degrees	DNO (New Supply)	
1	B	Road 02	536632.1	139372.1	0 degrees	DNO (New Supply)	
2	B	Road 02	536640.4	139346.6	0 degrees	DNO (New Supply)	
3	A	Road 02	536657.1	139331.5	0 degrees	DNO (New Supply)	
1	B	Road 03	536583.7	139314.3	0 degrees	DNO (New Supply)	
1	B	Road 04	536494.1	139326.9	0 degrees	DNO (New Supply)	
2	B	Road 04	536514.2	139303.9	0 degrees	DNO (New Supply)	
3	B	Road 04	536519.6	139283.0	0 degrees	DNO (New Supply)	
4	B	Road 04	536535.3	139270.3	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).
- Proposed raise and lower street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).
- Easement - easement size shall be a minimum 1.0m radius of the column and connected to the highway.

Lighting Classes (BS5489-1:2020) Refer to document EVO20033901 - Design Check List 002	
All roads	P4
Maintenance Factor = 0.76 (0.9 x 0.84)	

Notes

1. Do not scale from drawing if not printed at original paper size.
2. 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.
3. Any inaccuracies are to be reported to the Overseeing Organisation immediately.
4. Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertaker's information visit www.linesearchbeforeudig.co.uk.
5. During works all traffic management to be in accordance with Chapter 8 of the Traffics Signs Manual.
5. Columns are to be designed in accordance with BSEN40 and PD6547.
6. Lighting columns to be fed by DNO supply unless otherwise shown.
7. 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.
8. 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.
9. Each luminaire to be fitted with a ZHARGA socket compatible with CMS.
10. Maintenance numbers as shown on the drawing are to be confirmed by SCC.
11. Columns to be numbered using adhesive labels suitable for exterior use. Letters and numerals shall be 50mm high black on a white background.
12. Columns are to be factory painted.
13. 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.
14. All apparatus are to be new at the time of installation and be supported by relevant manufacturer's guarantees.
15. 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.
16. All illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption.
17. Trees or any other foliage on the site must not interfere with the lighting.
18. 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.

REV	DESCRIPTION	DATE	BY
A	ORIGINAL ISSUE	21/07/25	MWG

ENERVEO

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TITLE

SECTION 38
STREET LIGHTING
LAYOUT DRAWING
SHEET 1 OF 2

PROJECT

CRAWLEY DOWN ROAD, FELBRIDGE
PHASE 1

SCALE	DATE	21/07/25
1:500 @ A1	DRAWN	MWG
	CHECKED	RHJ
PAPER SIZE A1	APPROVED	SAB

DRAWING NUMBER	REVISION
EVO20033901-LD-006	A

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