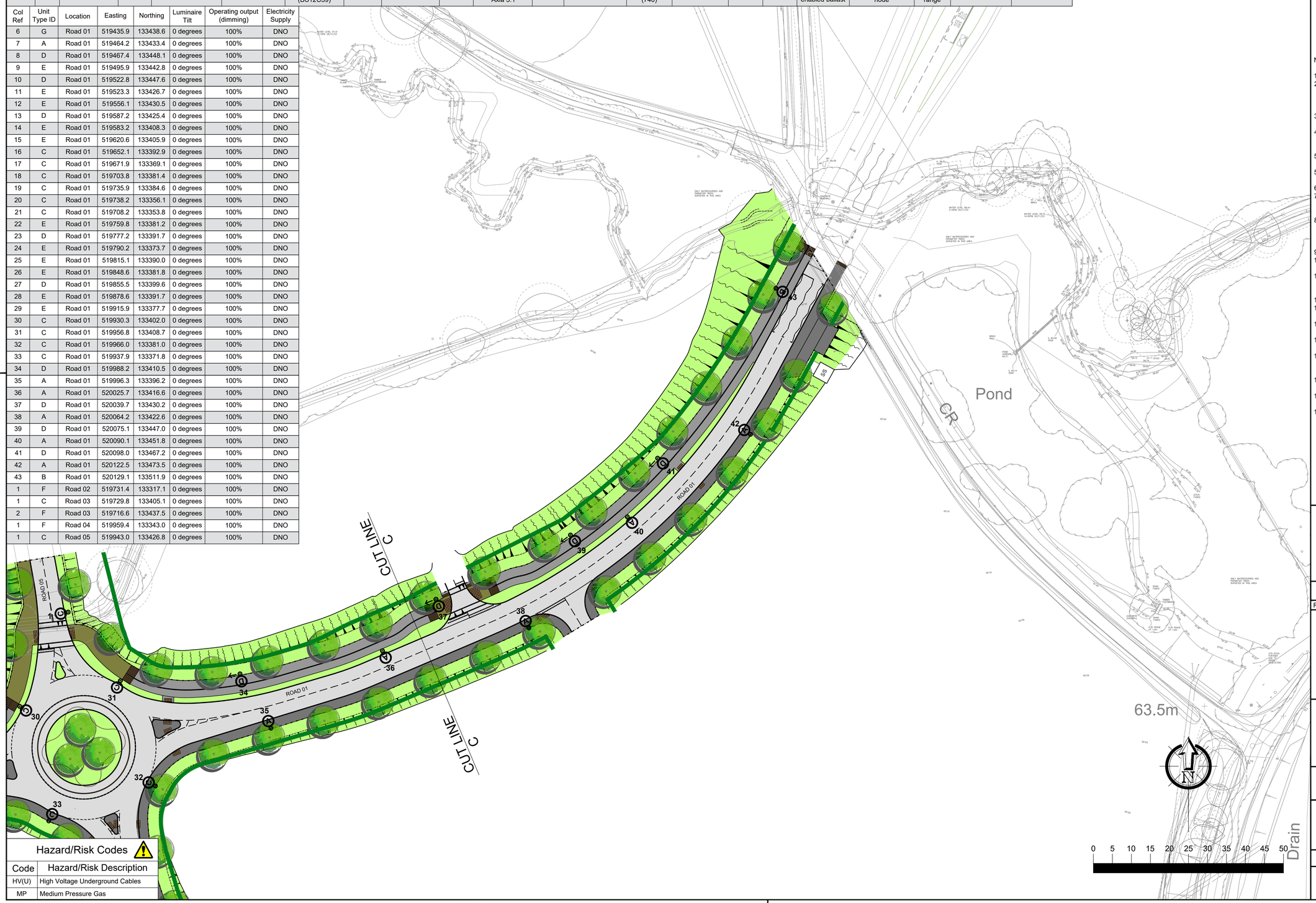
Unit Type ID	Count	Status	Mounting Height	Column Type	Column Material	Column Colour	Installation Type	Root Length	Mounting	Luminaire	Optic Setting	Output (klm)	Colour Temperature	Wattage	Luminaire Weight	Windage	Control Unit	Switching Unit	Isolator	Luminaire Elexon Code	Control Gear Elexon Code
A	6	Proposed column	8 metres	Stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	Urbis Schréder Axia 3.1	5270	4.04 (16 no. LEDs)	Neutral white (740)	26W (@500mA)	3.6kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0026 0000 100	98 0001 0010 100
B	1	Proposed column	8 metres	Stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	Urbis Schréder Axia 3.2	5267	6.73 (24 no. LEDs)	Neutral white (740)	45W (@590mA)	4.8kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0045 0000 100	98 0001 0010 100
C	12	Proposed column	8 metres	Stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	Urbis Schréder Axia 3.2	5267	10.32 (32 no LEDs)	Neutral white (740)	69W (@700mA)	4.8kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0069 0000 100	98 0001 0010 100
D	9	Proposed column	6 metres	Mid hinged raise and lower stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	Urbis Schréder Axia 3.1	5296	1.25 (8 no. LEDs)	Neutral white (740)	8W (@300mA)	3.6kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0008 0000 100	98 0001 0010 100
E	11	Proposed column	8 metres	Stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	Urbis Schréder Axia 3.2	5295	6.10 (24 no. LEDs)	Neutral white (740)	38W (@500mA)	4.8kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0038 0000 100	98 0001 0010 100
F	3	Proposed column	6 metres	Stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	Urbis Schréder Axia 3.1	5295	3.96 (16 no. LEDs)	Neutral white (740)	24W (@480mA)	3.6kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0024 0000 100	98 0001 0010 100
G	1	Luminaire change	8 metres	Existing colum	n/a	Sherwood Green (BS12C39)	n/a	n/a	Post top	Urbis Schréder Axia 3.1	5270	4.04 (16 no. LEDs)	Neutral white (740)	26W (@500mA)	3.6kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofco DPI range	42 0026 0000 100	98 0001 0010 100

Col Ref	Unit Type ID	Location	Easting	Northing	Luminaire Tilt	Operating output (dimming)	Electricity Supply
6	G	Road 01	519435.9	133438.6	0 degrees	100%	DNO
7	A	Road 01	519464.2	133433.4	0 degrees	100%	DNO
8	D	Road 01	519467.4	133448.1	0 degrees	100%	DNO
9	E	Road 01	519495.9	133442.8	0 degrees	100%	DNO
10	D	Road 01	519522.8	133447.6	0 degrees	100%	DNO
11	E	Road 01	519523.3	133426.7	0 degrees	100%	DNO
12	E	Road 01	519556.1	133430.5	0 degrees	100%	DNO
13	D	Road 01	519587.2	133425.4	0 degrees	100%	DNO
14	E	Road 01	519583.2	133408.3	0 degrees	100%	DNO
15	E	Road 01	519620.6	133405.9	0 degrees	100%	DNO
16	C	Road 01	519652.1	133392.9	0 degrees	100%	DNO
17	C	Road 01	519671.9	133369.1	0 degrees	100%	DNO
18	C	Road 01	519703.8	133381.4	0 degrees	100%	DNO
19	C	Road 01	519735.9	133384.6	0 degrees	100%	DNO
20	C	Road 01	519738.2	133356.1	0 degrees	100%	DNO
21	C	Road 01	519708.2	133353.8	0 degrees	100%	DNO
22	E	Road 01	519759.8	133381.2	0 degrees	100%	DNO
23	D	Road 01	519777.2	133391.7	0 degrees	100%	DNO
24	E	Road 01	519790.2	133373.7	0 degrees	100%	DNO
25	E	Road 01	519815.1	133390.0	0 degrees	100%	DNO
26	E	Road 01	519848.6	133381.8	0 degrees	100%	DNO
27	D	Road 01	519855.5	133399.6	0 degrees	100%	DNO
28	E	Road 01	519878.6	133391.7	0 degrees	100%	DNO
29	E	Road 01	519915.9	133377.7	0 degrees	100%	DNO
30	C	Road 01	519930.3	133402.0	0 degrees	100%	DNO
31	C	Road 01	519956.8	133408.7	0 degrees	100%	DNO
32	C	Road 01	519966.0	133381.0	0 degrees	100%	DNO
33	C	Road 01	519937.9	133371.8	0 degrees	100%	DNO
34	D	Road 01	519988.2	133410.5	0 degrees	100%	DNO
35	A	Road 01	519996.3	133396.2	0 degrees	100%	DNO
36	A	Road 01	520025.7	133416.6	0 degrees	100%	DNO
37	D	Road 01	520039.7	133430.2	0 degrees	100%	DNO
38	A	Road 01	520064.2	133422.6	0 degrees	100%	DNO
39	D	Road 01	520075.1	133447.0	0 degrees	100%	DNO
40	A	Road 01	520090.1	133451.8	0 degrees	100%	DNO
41	D	Road 01	520098.0	133467.2	0 degrees	100%	DNO
42	A	Road 01	520122.5	133473.5	0 degrees	100%	DNO
43	B	Road 01	520129.1	133511.9	0 degrees	100%	DNO
1	F	Road 02	519731.4	133317.1	0 degrees	100%	DNO
1	C	Road 03	519729.8	133405.1	0 degrees	100%	DNO
2	F	Road 03	519716.6	133437.5	0 degrees	100%	DNO
1	F	Road 04	519959.4	133343.0	0 degrees	100%	DNO
1	C	Road 05	519943.0	133426.8	0 degrees	100%	DNO



Hazard/Risk Codes	
Code	Hazard/Risk Description
HV(U)	High Voltage Underground Cables
MP	Medium Pressure Gas

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. Arrow indicates direction of lowering mechanism).

---------- Highway boundary

Easement - easement size shall be a minimum 1.0m radius of the column and connected to the highway.

Lighting Classes (BS5489-1:2020)	
Road 01 (cols. 6 to 17)	C4
Roundabouts	C3
Road 01 (cols. 22 to 29)	P2
Road 01 (cols. 35 to 44)	P3
Road 02, 03, 04, 05	P4
Footpath	P5

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 West Sussex County Council specification. All references of standard drawings; refer to West Sussex County Council specification document unless otherwise stated.
3. Any inaccuracies are to be reported to the Overseeing Organisation immeidiately.
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 7 pin NEMA socket.
10. Maintenance numbers as shown on the drawing are to be confirmed by WSCC.
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. One Mayflower Complete lighting control DALI sub-master unit to be installed to control nodes and link central management system.
14. Prior to the installation of Mayflower nodes & submasters, all luminaires to be fitted with NEMA 35/18 all night photocells.
15. All apparatus are to be new at the time of installation and be supported by relevant manufacturer's guarantees.
16. 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.
17. All illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption.
18. Trees or any other foliage on the site must not interfere with the lighting.
19. 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	01/12/25	MWG

ENERVEO - STREET LIGHTING
34 Palmerston Drive, Fareham, Hampshire PO14 1DJ
Email: lightingdesign@enerveo.com Tel: 01133 853129

TITLE

SECTION 38
STREET LIGHTING
LAYOUT DRAWING
SHEET 4 OF 4

PROJECT

MOWBRAY RMA2

SCALE	1:500 @ A1
PAPER SIZE	A1
DATE	01/12/25
DRAWN	MWG
CHECKED	RHJ
APPROVED	SAB

DRAWING NUMBER: EVO20036006-LD-004

REVISION: A

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