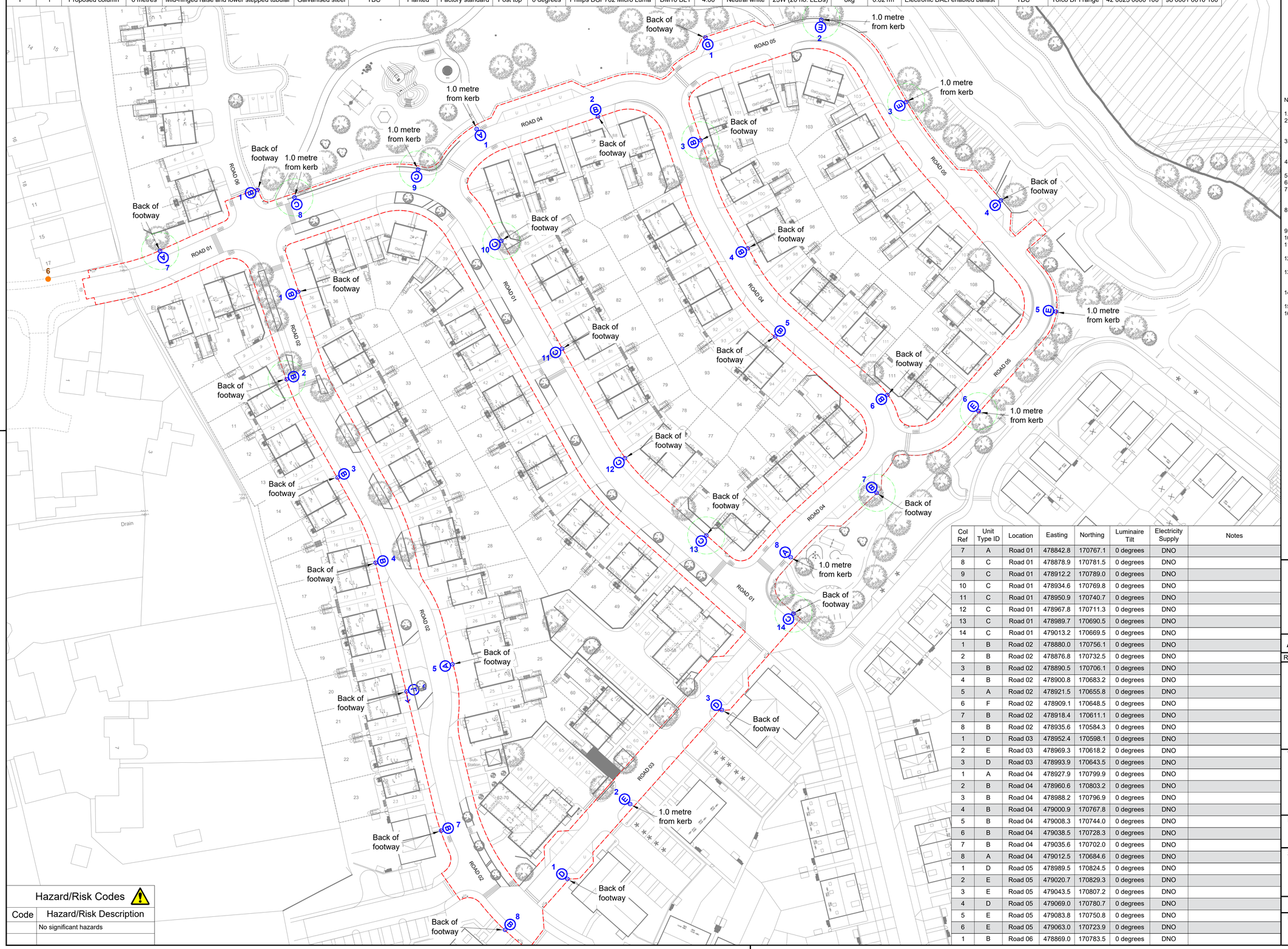
Unit Type ID	Count	Status	Mounting Height	Column Type	Column Material	Column Colour	Installation Type	Root Length	Mounting	Luminaire Tilt	Luminaire	Optic Setting	Output (klm)	Colour Temperature	Wattage	Luminaire Weight	Windage	Control Unit	Switching Unit	Isolator	Luminaire Elexon Code	Control Gear Elexon Code
A	4	Proposed column	6 metres	Conical tapered to WBC specification	Aluminium	TBC	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DM10 BL1	4.00	Neutral white	23W (20 no. LEDs)	8kg	0.021m²	Electronic DALI enabled ballast	TBC	Tofco DPI range	42 0023 0000 100	98 0001 0010 100
B	13	Proposed column	6 metres	Conical tapered to WBC specification	Aluminium	TBC	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DW10 BL1	3.40	Neutral white	19W (20 no. LEDs)	8kg	0.021m²	Electronic DALI enabled ballast	TBC	Tofco DPI range	42 0019 0000 100	98 0001 0010 100
C	7	Proposed column	6 metres	Conical tapered to WBC specification	Aluminium	TBC	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DW10 BL1	5.20	Neutral white	30W (20 no. LEDs)	8kg	0.021m²	Electronic DALI enabled ballast	TBC	Tofco DPI range	42 0030 0000 100	98 0001 0010 100
D	4	Proposed column	6 metres	Conical tapered to WBC specification	Aluminium	TBC	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DW10 BL1	2.60	Neutral white	15W (20 no. LEDs)	8kg	0.021m²	Electronic DALI enabled ballast	TBC	Tofco DPI range	42 0015 0000 100	98 0001 0010 100
E	5	Proposed column	6 metres	Conical tapered to WBC specification	Aluminium	TBC	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DM10 BL1	2.40	Neutral white	14W (20 no. LEDs)	8kg	0.021m²	Electronic DALI enabled ballast	TBC	Tofco DPI range	42 0014 0000 100	98 0001 0010 100
F	1	Proposed column	6 metres	Mid-hinged raise and lower stepped tubular	Galvanised steel	TBC	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DM10 BL1	4.00	Neutral white	23W (20 no. LEDs)	8kg	0.021m²	Electronic DALI enabled ballast	TBC	Tofco DPI range	42 0023 0000 100	98 0001 0010 100



Col Ref	Unit Type ID	Location	Easting	Northing	Luminaire Tilt	Electricity Supply	Notes
7	A	Road 01	478842.8	170767.1	0 degrees	DNO	
8	C	Road 01	478878.9	170781.5	0 degrees	DNO	
9	C	Road 01	478912.2	170789.0	0 degrees	DNO	
10	C	Road 01	478934.6	170769.8	0 degrees	DNO	
11	C	Road 01	478950.9	170740.7	0 degrees	DNO	
12	C	Road 01	478967.8	170711.3	0 degrees	DNO	
13	C	Road 01	478989.7	170690.5	0 degrees	DNO	
14	C	Road 01	479013.2	170669.5	0 degrees	DNO	
1	B	Road 02	478880.0	170756.1	0 degrees	DNO	
2	B	Road 02	478876.8	170732.5	0 degrees	DNO	
3	B	Road 02	478890.5	170706.1	0 degrees	DNO	
4	B	Road 02	478900.8	170683.2	0 degrees	DNO	
5	A	Road 02	478921.5	170655.8	0 degrees	DNO	
6	F	Road 02	478909.1	170648.5	0 degrees	DNO	
7	B	Road 02	478918.4	170611.1	0 degrees	DNO	
8	B	Road 02	478935.6	170584.3	0 degrees	DNO	
1	D	Road 03	478952.4	170598.1	0 degrees	DNO	
2	E	Road 03	478969.3	170618.2	0 degrees	DNO	
3	D	Road 03	478993.9	170643.5	0 degrees	DNO	
1	A	Road 04	478927.9	170799.9	0 degrees	DNO	
2	B	Road 04	478960.6	170803.2	0 degrees	DNO	
3	B	Road 04	478988.2	170796.9	0 degrees	DNO	
4	B	Road 04	479000.9	170767.8	0 degrees	DNO	
5	B	Road 04	479008.3	170744.0	0 degrees	DNO	
6	B	Road 04	479038.5	170728.3	0 degrees	DNO	
7	B	Road 04	479035.6	170702.0	0 degrees	DNO	
8	A	Road 04	479012.5	170684.6	0 degrees	DNO	
1	D	Road 05	478989.5	170824.5	0 degrees	DNO	
2	E	Road 05	479020.7	170829.3	0 degrees	DNO	
3	E	Road 05	479043.5	170807.2	0 degrees	DNO	
4	D	Road 05	479069.0	170780.7	0 degrees	DNO	
5	E	Road 05	479083.8	170750.8	0 degrees	DNO	
6	E	Road 05	479063.0	170723.9	0 degrees	DNO	
1	B	Road 06	478869.0	170783.5	0 degrees	DNO	

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

Lighting Classes (BS5489-1:2020)	
Road 01	P4
Road 02	P4
Road 03	P5
Road 04	P4
Road 05	P5
Road 06	P4

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 WBC specification. Any inaccuracies are to be reported to the Overseeing Organisation immediately.
3. Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertaker's information visit www.linesearchbeforeudig.co.uk.
4. 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 WBC.
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. All apparatus are to be new at the time of installation and be supported by relevant manufacturer's guarantees.
13. 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.
14. All illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption.
15. Trees or any other foliage on the site must not interfere with the lighting.
16. 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.

Hazard/Risk Codes

Code	Hazard/Risk Description
	No significant hazards

REV	DESCRIPTION	DATE	BY
A	ORIGINAL ISSUE	08/10/25	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

PROJECT
LAND AT WINNERSH FARM
PHASE 1

SCALE	DATE	08/10/25
1:500 @ A1	DRAWN	MWG
	CHECKED	RHJ
PAPER SIZE A1	APPROVED	SAB

DRAWING NUMBER
EVO2233-LD-001

REVISION
A

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