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	12	Proposed column	6 metres	Stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DM10	1.60	Neutral white	10W (6 no. LEDs)	8.0kg	0.021m²	Electronic DALI enabled ballast	Telensa Telecell	Tofco DPI range	42 0010 0000 100	98 0001 0010 100
B	2	Proposed column	6 metres	Stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	5 degrees	Philips BGP702 Micro Luma	DM10	1.60	Neutral white	10W (6 no. LEDs)	8.0kg	0.021m²	Electronic DALI enabled ballast	Telensa Telecell	Tofco DPI range	42 0010 0000 100	98 0001 0010 100
C	9	Proposed column	6 metres	Stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DM10 BL1	1.80	Neutral white	11W (10 no. LEDs)	8.0kg	0.021m²	Electronic DALI enabled ballast	Telensa Telecell	Tofco DPI range	42 0011 0000 100	98 0001 0010 100
D	8	Proposed column	6 metres	Stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	5 degrees	Philips BGP702 Micro Luma	DM10 BL1	1.80	Neutral white	11W (10 no. LEDs)	8.0kg	0.021m²	Electronic DALI enabled ballast	Telensa Telecell	Tofco DPI range	42 0011 0000 100	98 0001 0010 100
E	2	Proposed column	6 metres	Mid-hinged raise and lower stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DM10	1.60	Neutral white	10W (6 no. LEDs)	8.0kg	0.021m²	Electronic DALI enabled ballast	Telensa Telecell	Tofco DPI range	42 0010 0000 100	98 0001 0010 100
F	1	Proposed column	6 metres	Mid-hinged raise and lower stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	5 degrees	Philips BGP702 Micro Luma	DM10	1.60	Neutral white	10W (6 no. LEDs)	8.0kg	0.021m²	Electronic DALI enabled ballast	Telensa Telecell	Tofco DPI range	42 0010 0000 100	98 0001 0010 100
G	20	Proposed column	6 metres	Mid-hinged raise and lower stepped tubular	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Factory standard	Post top	0 degrees	Philips BGP702 Micro Luma	DN10 BL1	0.80	Neutral white	5W (6 no. LEDs)	8.0kg	0.021m²	Electronic DALI enabled ballast	Telensa Telecell	Tofco DPI range	42 0005 0000 100	98 0001 0010 100
H	1	Existing column relocated	6 metres	Existing	Galvanised steel	BS12C39 (Sherwood Green)	Planted	Existing	Post top	5 degrees	Existing	Existing	Existing	Existing	Existing	n/a	n/a	Existing	Existing	Existing	n/a	n/a

Col Ref	Location	Easting	Northing	Electricity Supply	Notes
14	Barrington Road	511732.2	102973.1	DNO	
1	Cycletrack 01	511850.8	103075.2	DNO	
2	Cycletrack 01	511874.2	103085.0	DNO	
3	Cycletrack 01	511881.5	103113.1	DNO	
4	Cycletrack 01	511900.0	103128.2	DNO	
5	Cycletrack 01	511930.4	103132.9	DNO	
6	Cycletrack 01	511965.0	103140.3	DNO	
7	Cycletrack 01	511986.7	103141.2	DNO	
8	Cycletrack 01	511983.5	103170.0	DNO	
1	Cycletrack 02	511946.3	102998.8	DNO	
2	Cycletrack 02	511903.8	102991.9	DNO	
3	Cycletrack 02	511873.2	102986.9	DNO	
4	Cycletrack 02	511839.7	102981.4	DNO	
5	Cycletrack 02	511807.9	102976.2	DNO	
6	Cycletrack 02	511781.8	102977.3	DNO	
7	Elgin Road	511931.6	102990.2	DNO	
1	Footpath 01	511889.6	103076.8	DNO	
2	Footpath 01	511889.5	103104.0	DNO	
1	Footpath 02	511850.6	103119.1	DNO	
2	Footpath 02	511878.4	103119.2	DNO	
1	Footpath 03	511965.1	103170.6	DNO	
1	Footpath 04	511995.6	103078.0	DNO	
2	Footpath 04	511989.1	103108.7	DNO	
1	Road 01	512001.2	103020.9	DNO	
2	Road 01	511996.5	103051.8	DNO	
3	Road 01	511969.5	103062.8	DNO	
4	Road 01	511929.9	103054.5	DNO	
5	Road 01	511891.7	103060.9	DNO	
6	Road 01	511866.5	103051.2	DNO	
1	Road 03	511931.9	103083.3	DNO	
2	Road 03	511940.5	103118.8	DNO	
3	Road 03	511940.7	103151.1	DNO	
1	Road 04	511937.3	103171.7	DNO	
1	Road 05	511902.8	103040.2	DNO	
2	Road 05	511909.8	103010.1	DNO	
1	Road 06	511842.0	103065.8	DNO	
2	Road 06	511844.5	103101.8	DNO	
3	Road 06	511820.6	103111.6	DNO	
4	Road 06	511778.3	103120.6	DNO	
5	Road 06	511735.1	103111.4	DNO	
1	Road 08	511713.8	103069.7	DNO	
2	Road 08	511719.0	103106.0	DNO	
3	Road 08	511713.0	103132.6	DNO	
1	Road 09	511694.2	103126.6	DNO	
1	Road 10	511827.5	103056.4	DNO	
2	Road 10	511788.0	103045.9	DNO	
3	Road 10	511744.0	103056.7	DNO	
4	Road 10	511709.0	103049.7	DNO	
1	Road 11	511751.3	103032.4	DNO	
2	Road 11	511748.1	102995.4	DNO	
1	Road 12	511761.2	102975.1	DNO	
1	Road 13	511835.5	103036.2	DNO	
2	Road 13	511842.1	103005.7	DNO	
1	Road 14	511833.5	102990.4	DNO	
7	Walpole Avenue	511850.5	102977.3	DNO	



SAFETY HEALTH AND ENVIRONMENTAL (SHE) INFORMATION

Note the following significant risks:

CONSTRUCTION: Medium Pressure Mains and High Voltage mains cable located close to proposed and existing lighting equipment (indicated by the symbols shown below). All measures are to be taken to locate mains before excavation works commences.

Key

- Proposed street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).
- Proposed street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).
- Existing lighting column to relocated.
- Street lighting column to be retained.

Lighting Classes (BS5489-1:2013)	
All roads, cycletracks and footpaths	P5 (s/p ratio 1.61)

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.
3. Any inaccuracies are to be reported to the Overseeing Organisation immeidately.
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. Telensa to be contacted on whether base station is required. If a base station is required then one shall be provided and located to where Telensa advises.
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 4: information has been supplied by the client or another designer or the principle designer and includes a site visit by the lighting scheme designer which forms the basis of the design and includes hazards identified, eliminated or reduced and the residual risks within their hazard elimination and management list.

REV	DESCRIPTION	DATE	BY
D	MINOR COLUMN RELOCATIONS	05/12/23	MWG
C	MINOR COLUMN RELOCATIONS	25/05/23	MWG
B	MINOR COLUMN RELOCATIONS	31/03/23	MWG
A	ORIGINAL ISSUE	28/03/22	MWG

ENERVEO

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TITLE

SECTION 278 & 38
STREET LIGHTING
LAYOUT DRAWING
SHEET 2 OF 2

PROJECT

BARRINGTON ROAD, DURRINGTON
WEST SUSSEX

SCALE	DATE	01/03/23
1:500 @ A1	DRAWN	MWG
	CHECKED	RHJ
PAPER SIZE A1	APPROVED	SAB

DRAWING NUMBER

EVO20014691-LD-002

REVISION

D