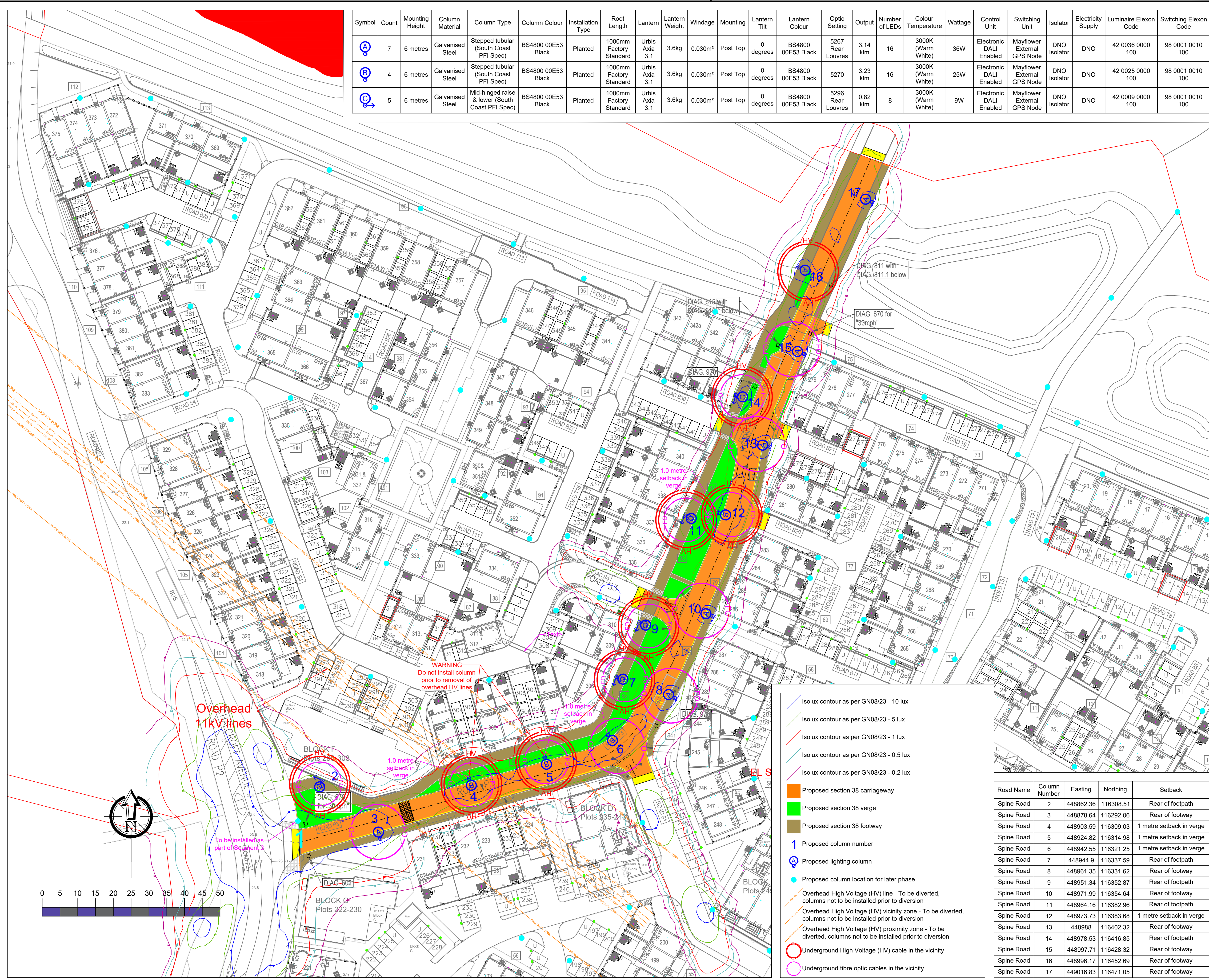




Symbol	Count	Mounting Height	Column Material	Column Type	Column Colour	Installation Type	Root Length	Lantern	Lantern Weight	Windage	Mounting	Lantern Tilt	Lantern Colour	Optic Setting	Output	Number of LEDs	Colour Temperature	Wattage	Control Unit	Switching Unit	Isolator	Electricity Supply	Luminaire Elexon Code	Switching Elexon Code
	7	6 metres	Galvanised Steel	Stepped tubular (South Coast PFI Spec)	BS4800 00E53 Black	Planted	1000mm Factory Standard	Urbis Axia 3.1	3.6kg	0.030m²	Post Top	0 degrees	BS4800 00E53 Black	5267 Rear Louvres	3.14 km	16	3000K (Warm White)	36W	Electronic DALI Enabled	Mayflower External GPS Node	DNO Isolator	DNO	42 0036 0000 100	98 0001 0010 100
	4	6 metres	Galvanised Steel	Stepped tubular (South Coast PFI Spec)	BS4800 00E53 Black	Planted	1000mm Factory Standard	Urbis Axia 3.1	3.6kg	0.030m²	Post Top	0 degrees	BS4800 00E53 Black	5270	3.23 km	16	3000K (Warm White)	25W	Electronic DALI Enabled	Mayflower External GPS Node	DNO Isolator	DNO	42 0025 0000 100	98 0001 0010 100
	5	6 metres	Galvanised Steel	Mid-hinged raise & lower (South Coast PFI Spec)	BS4800 00E53 Black	Planted	1000mm Factory Standard	Urbis Axia 3.1	3.6kg	0.030m²	Post Top	0 degrees	BS4800 00E53 Black	5296 Rear Louvres	0.82 km	8	3000K (Warm White)	9W	Electronic DALI Enabled	Mayflower External GPS Node	DNO Isolator	DNO	42 0009 0000 100	98 0001 0010 100

- 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 Hampshire County Council specification TG13 and standard detail drawings HCC11/L & HCC11/C series.
 - Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertaker's information visit www.linesearchbeforedigging.co.uk
 - During works all traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.
 - Lighting columns to be fed by DNO supply unless otherwise shown.
 - Each luminaire to be fitted with Mayflower Complete Lighting control S6000 socket (NEMA).
 - Maintenance numbers as shown on the drawing are to be confirmed by HCC.
 - Columns to be numbered using adhesive labels suitable for exterior use. Letters and numerals shall be 50mm high black on a white background.
 - One Mayflower complete lighting control DALI sub-master unit to be installed to control nodes and link central management system.
 - 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.
 - All installations shall ensure that trees, vegetation and foliage does not interfere with lighting distribution. Refer to HCC's drawing HCC11/L/085 'Areas to be kept clear of trees and shrubs'.
 - This detailed design has been prepared in accordance with the HEA-HCMSA 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 and includes a Linesearch by the lighting scheme designer which forms which forms the basis of this lighting scheme design and includes the hazards identified by others on their hazard elimination and management list. The designer has carried out a Linesearch however no further checks have been undertaken.
 - Lanterns to be installed perpendicular to the kerb edge, unless stated on the drawing
 - Columns erected with 0.5 metres on shared foot/cycleways to be fitted with 150mm deep white self adhesive retro reflective band to BS EN12899 Class RA1, applied between 1.4m & 1.6m above ground to increase night time visibility for cyclists.
 - All columns must be installed within the adoptable highway boundary.
 - Columns must be setback at least 0.8 metres from the kerb edge (30mph).

Lighting Clases - BS5489-1:2020	
Spine Road	P3
Footpaths	P5 (P4)

SAFETY HEALTH AND ENVIRONMENTAL (SHE) INFORMATION

Please refer to: Hazard Elimination List Document Ref: EVO20010364-HE-001-A

D	Countours and locations of columns for separate designs shown	13/06/24	JLD
C	Columns and lanterns to be BS4800 00E53 black	02/10/23	JLD
B	Updated layout & hatching	14/09/23	JLD
A	Original Issue	26/09/22	JLD

REV	DESCRIPTION	DATE	BY
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DWG STATUS

FOR COMMENTS

ENERVEO

ENERVEO - STREET LIGHTING
1st Floor, Solent Park, Walton Road, Portsmouth, PO6 1UJ
Email: lightingdesign@enerveo.com Tel: 0121 516 3066

TITLE
Spine Road
Lighting Layout

PROJECT
Lower Acre - One Horton Heath

CLIENT
Eastleigh Borough Council

SHEET NUMBER
1 of 1

SCALE	DATE	26/09/22
1:500	DRAWN	JLD
	CHECKED	RHJ

PAPER SIZE	A1	APPROVED	SAB
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DRAWING NUMBER	EVO20010364-LD-001	REVISION	D
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- Isolux contour as per GN08/23 - 10 lux
- Isolux contour as per GN08/23 - 5 lux
- Isolux contour as per GN08/23 - 1 lux
- Isolux contour as per GN08/23 - 0.5 lux
- Isolux contour as per GN08/23 - 0.2 lux
- Proposed section 38 carriageway
- Proposed section 38 verge
- Proposed section 38 footway
- 1 Proposed column number
- Proposed lighting column
- Proposed column location for later phase
- Overhead High Voltage (HV) line - To be diverted, columns not to be installed prior to diversion
- Overhead High Voltage (HV) vicinity zone - To be diverted, columns not to be installed prior to diversion
- Overhead High Voltage (HV) proximity zone - To be diverted, columns not to be installed prior to diversion
- Underground High Voltage (HV) cable in the vicinity
- Underground fibre optic cables in the vicinity

Road Name	Column Number	Easting	Northing	Setback
Spine Road	2	448862.36	116308.51	Rear of footpath
Spine Road	3	448878.64	116292.06	Rear of footway
Spine Road	4	448903.59	116309.03	1 metre setback in verge
Spine Road	5	448924.82	116314.98	1 metre setback in verge
Spine Road	6	448942.55	116321.25	1 metre setback in verge
Spine Road	7	448944.9	116337.59	Rear of footpath
Spine Road	8	448961.35	116331.62	Rear of footway
Spine Road	9	448951.34	116352.87	Rear of footpath
Spine Road	10	448971.99	116354.64	Rear of footway
Spine Road	11	448964.16	116382.96	Rear of footpath
Spine Road	12	448973.73	116383.68	1 metre setback in verge
Spine Road	13	448988	116402.32	Rear of footway
Spine Road	14	448978.53	116416.85	Rear of footpath
Spine Road	15	448997.71	116428.32	Rear of footway
Spine Road	16	448996.17	116452.69	Rear of footway
Spine Road	17	449016.83	116471.05	Rear of footway