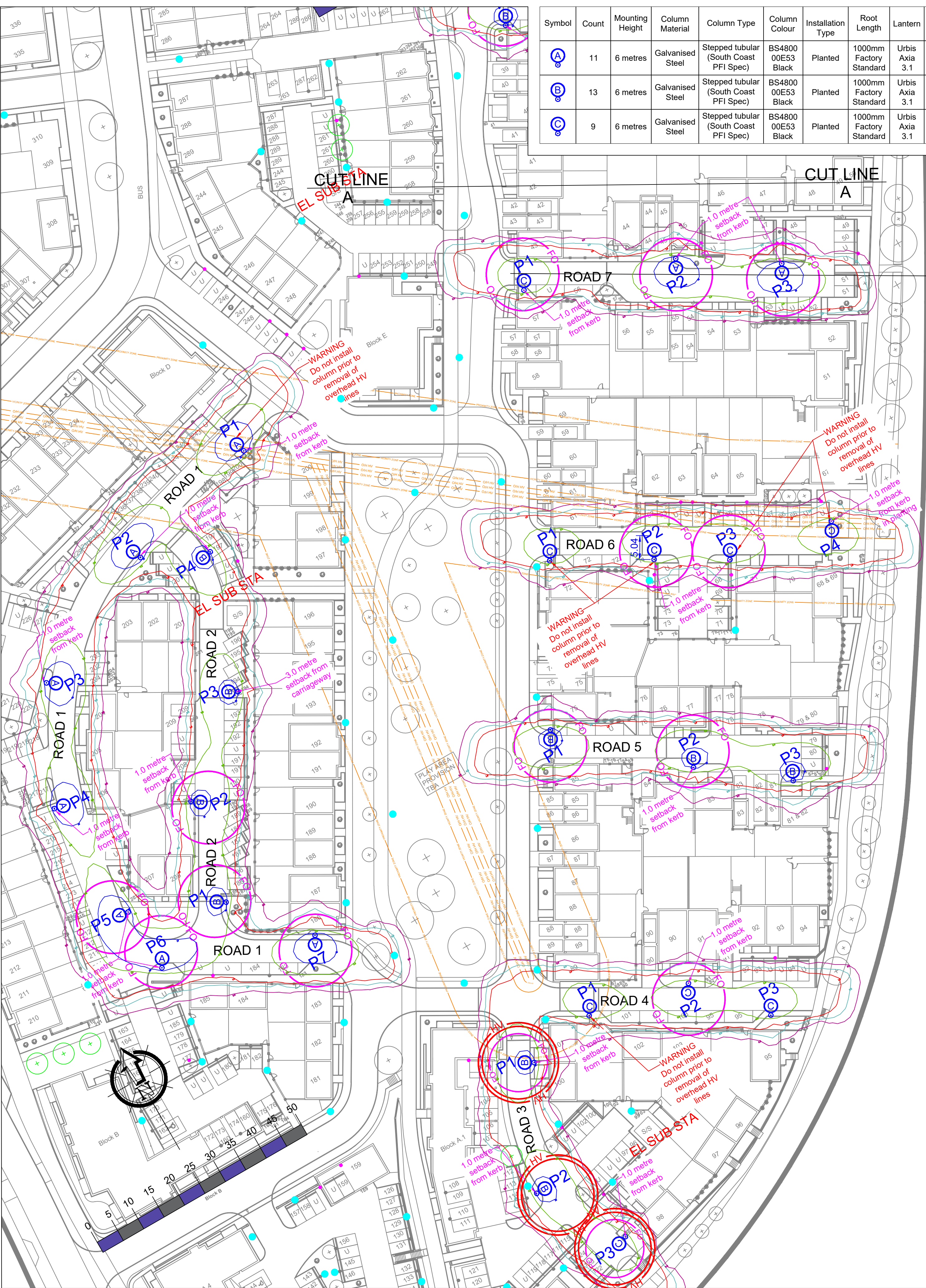




Symbol	Count	Mounting Height	Column Material	Column Type	Column Colour	Installation Type	Root Length	Lantern	Lantern Weight	Windage	Mounting	Lantern Tilt	Lantern Colour	Optic Setting	Output	Number of LEDs	Colour Temperature	Wattage	Control Unit	Switching Unit	Isolator	Electricity Supply	Luminaire Exelon Code	Switching Exelon Code
	11	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	5295 Rear Louvre	1.94 klm	8	3000K (Warm White)	23W	Electronic DALI Enabled	Zodion SS6 20:20 photocell	DNO Isolator	DNO	42 0023 0000 100	94 0001 1000 100
	13	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	5295 Rear Louvre	1.59 klm	16	3000K (Warm White)	17W	Electronic DALI Enabled	Zodion SS6 20:20 photocell	DNO Isolator	DNO	42 0017 0000 100	94 0001 1000 100
	9	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	5295 Rear Louvre	1.09 klm	16	3000K (Warm White)	12W	Electronic DALI Enabled	Zodion SS6 20:20 photocell	DNO Isolator	DNO	42 0012 0000 100	94 0001 1000 100

Road Name	Column Number	Easting	Northing	Setback	Road Name	Column Number	Easting	Northing	Setback
Road 1	P1	448948.59	116272.82	Rear of footway	Road 5	P1	448975.32	116189.04	Rear of footway
Road 1	P2	448918.33	116264.17	1 metre setback from kerb	Road 5	P2	448997.60	116166.95	1 metre setback from kerb
Road 1	P3	448887.74	116251.12	1 metre setback from kerb	Road 5	P3	449014.53	116153.94	Rear of footway
Road 1	P4	448875.85	116227.16	1 metre setback from kerb	Road 6	P1	448993.13	116220.18	Rear of footway
Road 1	P5	448878.43	116200.33	1 metre setback from kerb	Road 6	P2	449012.46	116209.36	1 metre setback from kerb
Road 1	P6	448878.71	116186.49	1 metre setback from kerb	Road 6	P3	449026.36	116201.27	1 metre setback from kerb
Road 1	P7	448910.29	116176.25	1 metre setback from kerb	Road 6	P4	449049.08	116197.59	1 metre setback in planting
Road 2	P1	448897.48	116191.75	Rear of footway	Road 7	P1	449017.11	116272.65	1 metre setback from kerb
Road 2	P2	448901.71	116213.99	1 metre setback from kerb	Road 7	P2	449048.35	116262.36	1 metre setback from kerb
Road 2	P3	448921.99	116229.19	3 metre setback from carriageway	Road 7	P3	449067.29	116250.20	1 metre setback from kerb
Road 2	P4	448931.74	116257.83	1 metre setback from kerb	Road 8	P1	449041.85	116323.25	1 metre setback from kerb
Road 3	P1	448937.04	116129.61	1 metre setback from kerb	Road 8	P2	449073.71	116312.34	1 metre setback from kerb
Road 3	P2	448923.61	116105.31	1 metre setback from kerb	Road 8	P3	449098.13	116299.74	1 metre setback from kerb
Road 3	P3	448935.31	116087.93	1 metre setback from kerb	Road 9	P1	449065.82	116375.87	1 metre setback from kerb
Road 4	P1	448952.11	116132.38	Rear of footway	Road 9	P2	449088.99	116368.03	1 metre setback from kerb
Road 4	P2	448973.79	116127.82	1 metre setback from kerb	Road 9	P3	449103.58	116350.95	1 metre setback from kerb
Road 4	P3	448985.53	116113.21	Rear of footway					

Underground fibre optic cables in the vicinity

Isolux contour as per GN08/23 - 10 lux

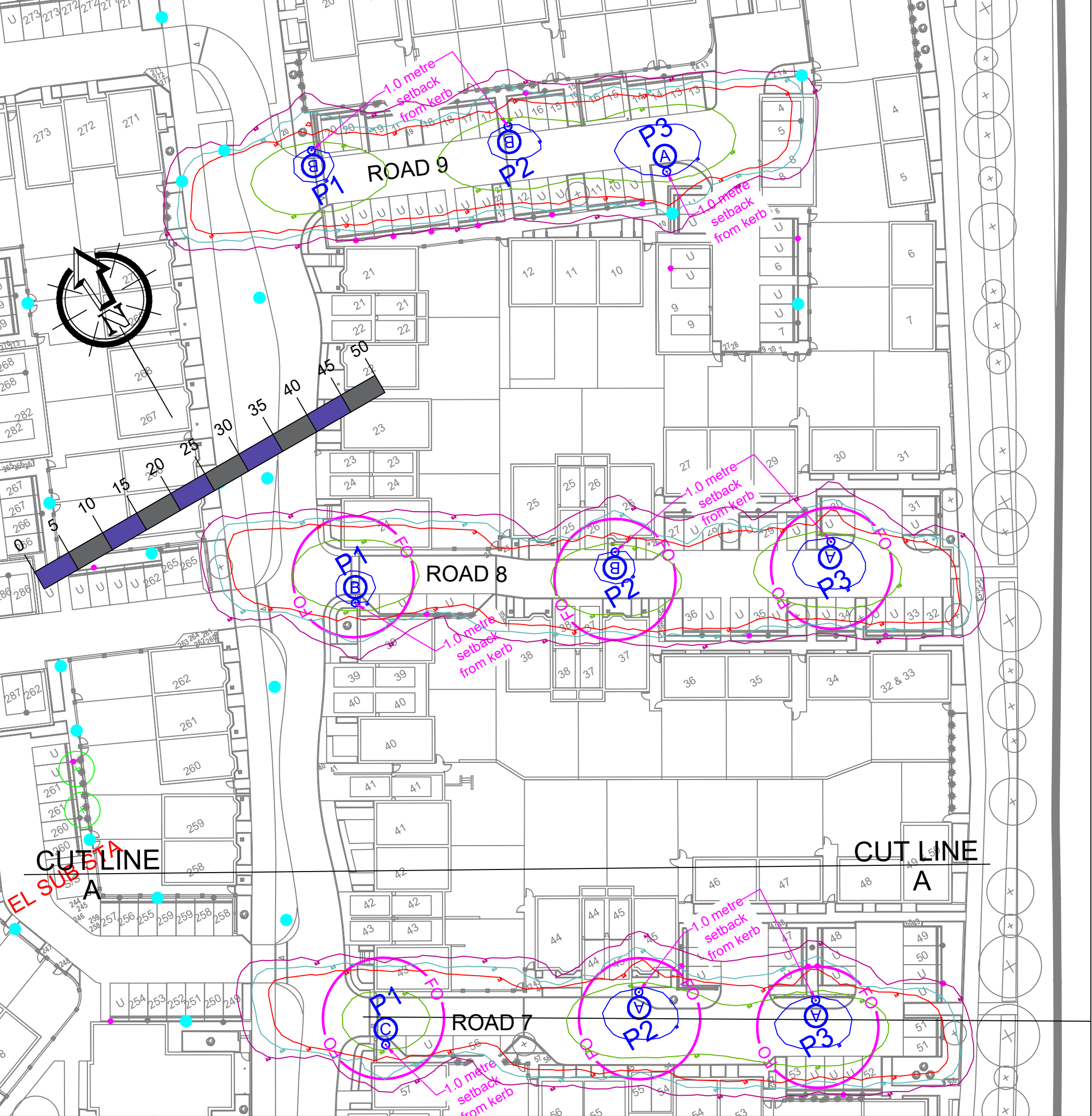
Isolux contour as per GN08/23 - 5 lux

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 column location from separate drawing (Shown for information only)



- 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 standard detail drawings HCC11/L & HCC11/C series.
 - Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertakers 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 NEMA socket.
 - Maintenance numbers to be prefixed with 'P'.
 - Columns to be numbered using adhesive labels suitable for exterior use. Letters and numerals shall be 50mm high black on a white background.
 - 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-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 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.
 - Columns must be setback at least 0.8 metres from the kerb edge (30mph).

- Proposed column location from other design
- 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

Lighting Clases - BS5489-1:2020	
All Roads	P4

SAFETY HEALTH AND ENVIRONMENTAL (SHE) INFORMATION

Please refer to: Hazard Elimination List Document Ref: EVO20010723-HE-101-A

D	Countours and adjacent design units shown	14/06/24	JLD
C	Updated layout Road 9 column 1 updated	23/11/23	JLD
B	Revised following comments from Axis Mason (Road 1 P7 & Road 6 P4)	23/11/22	JLD
A	Original Issue	30/09/22	JLD

REV	DESCRIPTION	DATE	BY
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DWG STATUS

FOR COMMENTS

ENERVEO

ENERVEO - STREET LIGHTING
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TITLE

Parcel 1.1
Private Lighting Layout

PROJECT
Lower Acre - One Horton Heath

CLIENT
Eastleigh Borough Council

SHEET NUMBER
1 of 1

SCALE
1:500

DATE
30/09/22

DRAWN
JLD

CHECKED
PBS

PAPER SIZE
A1

APPROVED
SAB

DRAWING NUMBER
EVO20010723-LD-101

REVISION
D