



Notes

1. All columns and signs shall be serviced via DNO supplies and fitted with a 25A fuse. All mounted units to be supplied locally from the property the lighting unit is attached to.
2. Columns shall be fitted with secondary isolation above the DNO cut out. The unit shall be as Sussex County Council specification i.e. Charles Endress L5102 with a 32A isolator and as BS589 Fuse Carrier. Fuse discrimination shall comply with BS7671 between the DNO cut out and the secondary isolation.
3. Where needed a sub-fuse for external sub circuits shall be fitted with 10A BS 88 fuses with a 4A fuse in the external sign. Fuse discrimination shall comply with BS7671.
4. Prior to any excavation the contractor shall have reviewed the existing services in the area of the excavation. Residual risks where known have been indicated. The have been based upon design drawing and may have changed at construction stage. Where there are known services in the vicinity of excavations the Contractor shall ensure hand digging is carried out with care. The Contractor shall arrange for statutory undertakers plans to be marked on site prior to excavation.
5. In this instance the use of 3 dimensional marking has not been used to take into consideration the actual position of high sided objects such as buildings and the like. Trees and shrubs etc have not been considered as their marking ability will vary with seasonal conditions.
6. Iso contours produced in this drawing have been created using a conventional symmetrical grid. This does not take into account the spacing or weighings as detailed in BS5489 or BS EN 12005-3:2015
7. Equipment shown on this drawing is available through most specialist street lighting electrical distributors like Electrical Lighting Solutions (www.elsl.co.uk), Maxwell Electrical (www.maxwellectrical.co.uk) or Michael Electrical (www.michael.co.uk)
8. Copies of the original lighting reality calculations available upon request please send a email to mail@nicksmithassociates.com quoting the project number.
9. This design has been prepared in accordance with BS5489-1:2020 the use of S/P ratios has not been used.
10. Adopted Lighting columns:
 - Subsidiary roads
 - 725/1000 100 polycarbonate and Amerscoat 4500 GF epoxy glass fibre root protection.
 - Columns designed to take an additional loading of a 0.6 metre square sign class. Columns to be painted BS 2817 (GREY) as adjacent phase.
11. Internal wiring: The cable from secondary isolator to the lantern 1.5mm² 5 core flex (315/0) on columns greater height than 10m the cable size will increase to 2.5mm²
12. Columns shall be installed at the back of footpath with 0.5m clearance from driveway. Columns in verge shall be at least 0.5m from edge of carriageway or parking bays.

Key

- Existing 6m highway column with Urbis Axis 3 (design by others)
- Proposed steel galvanneal 6m column with post mounted Philips Luma Micro (BGP702 DM4D B.L. 1400 6LED S.25 CLO 190 727 with white LED, Philips B.L. back shield integral driver 6 pin nema socket and mayflower GPS DALI node
- Proposed steel galvanneal 6m column with post mounted Philips Luma Micro (BGP702 DM4D B.L. 1400 6LED S.25 CLO 190 727 with white LED, Philips B.L. back shield, integral driver 6 pin nema socket and mayflower GPS DALI node
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- Proposed column number
- Existing column number
- 2.00 lux iso-contour line
- 0.40 lux iso-contour line



Philips Luma Micro Lantern

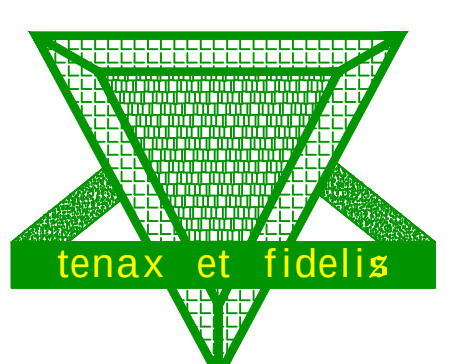
COL. NO.	POSITION OF COLUMN			COL. ROTN
	X	Y		
1	516595.32	104631.59		98
2	516579.36	104659.36		282

COL. NO.	POSITION OF COLUMN			COL. ROTN
	X	Y		
1	516465.12	104716.49		10
2	516452.82	104699.85		54
3	516468.91	104682.55		49
4	516493.04	104659.62		51
5	516516.73	104646.66		239
6	516531.89	104631.54		195
7	516561.67	104623.27		195
8	516581.35	104608.03		7
9	516601.28	104604.34		7
10	516644.14	104600.11		7
11	516677.54	104595.76		10
12	516701.01	104610.47		291
13	516710.46	104627.35		314
14	516727.25	104643.68		315
15	516748.72	104662.29		291
16	516738.90	104684.15		34
17	516719.48	104696.93		35
18	516705.85	104694.55		302
19	516681.84	104694.78		329
20	516655.26	104670.11		186
21	516631.83	104679.60		96
22	516622.74	104674.11		185
23	516593.41	104677.62		187
24	516572.42	104667.81		96
25	516565.12	104681.18		191
26	516539.04	104687.01		189
27	516522.10	104689.08		109

A	Column coordinates added. Minor changes to some positions			NWS	09.06.2026
REV	DETAILS			DWN	DATE
Drawing Number					Revision
3234-NSA-D-01					A
Client					
Persimmon Homes Thames Valley					

Scale at A0
1:500
Drawn: NWS
Date: 09.06.2026

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All dimensions in metres