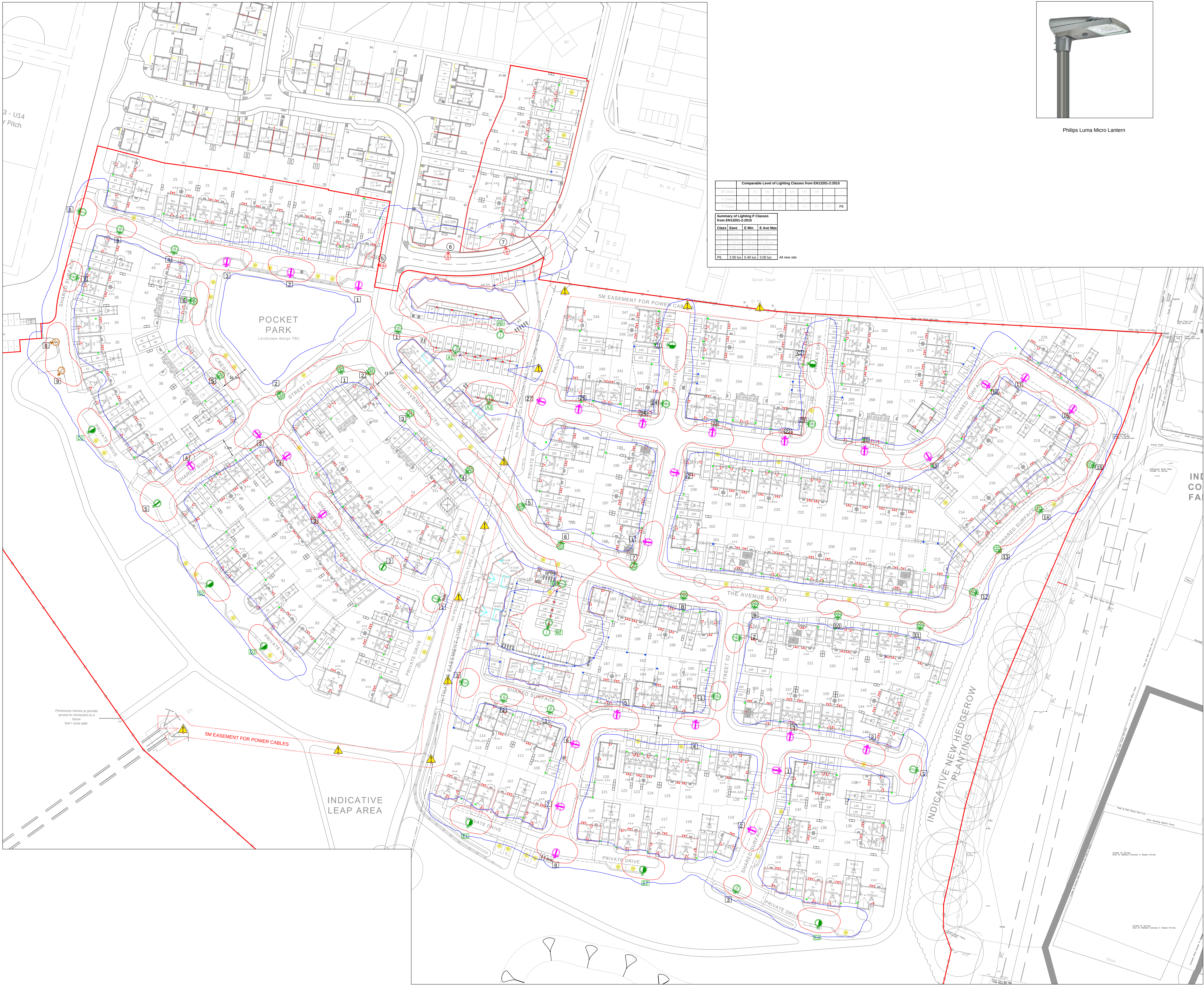




Philips Luma Micro Lantern

Notes

- 1. All columns and signs shall be serviced via DNO supplies and fitted with a 25A fuse. Wall mounted units to be supplied locally from the property the lighting unit is attached too.
- 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 Endreco L5102 with a 32A Isolator and as BS6878 Fuse Carrier. Fuse discrimination shall comply with BS7671 between the DNO cut out and the secondary isolation.
- 3. Where needed a sub-fuses for external sub circuits shall be fitted with 15A BS 68 fuses with a 16A 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 13201-3:2015
- 7. Equipment shown on this drawing is available through most specialist street lighting electrical distributors like Electrical Lighting Solutions (www.elsl.co.uk), Manwood Electrical (www.manwoodelectrical.co.uk) or Meehan Electrical (www.meehan.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 polyoxazene and Amercoat 4500 GP 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 28117 (GREY) as adjacent phase.
- 11. Internal wiring. The cable from secondary isolator to the lantern 1.5mm² 5 core flex (GL850) 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 0.8m from edge of carriageway or parking bays.

Key

- 1. Proposed steel galvanneal 6m column with post mounted Philips Luma Micro (Luma Gen2) Micro, BGP702, DM10 BL1 1800 6LED, 5.25 CLO L90, 727 with white LED, Philips BL1 back shield integral driver 7 pin nema socket and 35 lux photocell and movement sensor fitted to the underside of the lantern
- 2. Proposed steel galvanneal 6m column with post mounted Philips Luma Micro gen 2 (BGP702, DMV50 BL1 2000, 10LED, 5.25 CLO L90, 727 with white LED, Philips BL1 back shield integral driver 7 pin nema socket and 35 lux photocell
- 3. Proposed steel galvanneal 6m column with double arm bracket having a 1m span and 2 no Philips Luma Micro gen 2 (BGP702, DMV50 BL1 2000 10LED 5.25 CLO L90 727) with white LED integral driver 7 pin nema socket and 35 lux photocell
- 4. Existing 6m highway column with Urbis Axis 3 (design by others)
- 5. Proposed steel galvanneal 6m column with post mounted Philips Luma Micro (BGP702, DM10 BL1 1800 6LED 5.25 CLO L90 727 with white LED, Philips BL1 back shield integral driver 6 pin nema socket and mayflower GPS DALI node
- 6. Proposed steel galvanneal 6m column with post mounted Philips Luma Micro (BGP702, DM10 BL1 1800 6LED 5.25 CLO L90 727 with white LED, Philips BL1 back shield integral driver 6 pin nema socket and mayflower GPS DALI node
- 7. Proposed steel galvanneal 6m column with post mounted Philips Luma Micro (BGP702, DM10 BL1 1800 6LED 5.25 CLO L90 727 with white LED, Philips BL1 back shield, integral driver 6 pin nema socket and mayflower GPS DALI node
- 8. Proposed steel galvanneal 6m column with post mounted Philips Luma Micro (BGP702, DM10 BL1 1800 6LED 5.25 CLO L90 727 with white LED, Philips BL1 back shield, integral driver 6 pin nema socket and mayflower GPS DALI node
- 9. Proposed column number
- 10. Existing column number
- 11. 2.00 lux iso-contour line
- 12. 0.40 lux iso-contour line

Minor changes to some adopted columns. Private lighting added

REVDETAILSDWNDATE

Drawing Number3234-NSA-D-02RevisionA

ClientPersimmon Homes Thames Valley

ProjectSouthern ParcelPhase 3West Sompting

Drawing TitleProposed Private and Adopted Road Lighting and Illuminance Layout

Scale at A01:500Sheet 1 of 1DrawnNWSDate08/06/2026

Nick Smith Associates Ltd

Tel: 01246 229444mail@nicksmithassociates.comwww.nicksmithassociates.com

9.09.2026