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 Endirect LSI-02 with a 32A Isolator and as BS88 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 10A BS 88 fuses with a 6A 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 plant to be marked on site prior to excavation.
5. In this instance the use of 3 dimensional masking 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 masking 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 weightings as detailed in BS5489 or BS EN 13201-3:2003
7. Equipment shown on this drawing is available through most specialist street lighting electrical distributors like Electrical lighting Solutions (www.elsltd.co.uk), Marwood Electrical (www.marwoodelectrical.co.uk) or Maclean Electrical (www.maclean.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
    71P/PSX 700 polysiloxane and Amercoat 4560 GF epoxy glass flake root protection.
    Columns designed to take an additional loading of a 0 6 metre square sign plate. Columns to be painted BS 22B17 (GREY) as adjacent phase.
11. Internal wiring: The cable from secondary isolator to the lantern 1.5mm² 3 core flex (3183Y) on columns greater height than 10m the cable size will increase to 2.5mm²
12. Column 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

- Private steel galvanised 6m column with post mounted Philips Luma Micro (BGP702 DW50 2400 10LED 5.2S CLO L90 730 with warm white LED, integral driver 7 pin nema socket and 35 lux photocell set to switch on at 35 lux
- Private steel galvanised 6m column with post mounted Philips Luma Micro (BGP702 DM10 2200 10LED 5.2S CLO L90 730 with warm white LED, integral driver 7 pin nema socket and 35 lux photocell set to switch on at 35 lux
- Private steel galvanised mid hinged 6m column with post mounted Philips Luma Micro (BGP702 DN10 BL1 1400 6 LED 5.2S CLO L90 730 with warm white LED, integral driver 7 pin nema socket and 35 lux photocell set to switch on at 35 lux
- Existing 6m highway column with Luma Gen2 Micro lantern (Luma Gen2 Micro_BGP702_DW50 BL1_5200_20LED_5.2S_CLO_L90_74 to remain
- Existing 6m highway column with Luma Gen2 Micro lantern (Luma Gen2 Micro_BGP702_DN10 BL1_800_6LED_5.2S_CLO_L90_740) to remain
- 15 Proposed steel galvanised 6m column with post mounted Philips Luma Micro (BGP702 DW50 2400 10LED 5.2S CLO L90 730 with warm white LED, integral driver 6 pin nema socket and mayflower GPS DALI node
- 34 Proposed steel galvanised 6m column with post mounted Philips Luma Micro (BGP702 DM10 2000 10LED 5.2S CLO L90 730 with warm white LED, integral driver 6 pin nema socket and mayflower GPS DALI node
- 9 Proposed steel galvanised 6m column with post mounted Philips Luma Micro (BGP702 DM10 BL1 2200 10LED 5.2S CLO L90 730 with white LED, Philips BL1 back shield, integral driver 6 pin nema socket and mayflower GPS DALI node
- 2 Proposed steel galvanised 6m column with post mounted Philips Luma Micro (BGP702 DM10 BL1 1400 6LED 5.2S CLO L90 730 with white LED, Philips BL1 back shield integral driver 6 pin nema socket and mayflower GPS DALI node
- 10 Proposed steel galvanised 6m column with post mounted Philips Luma Micro (BGP702 DM10 BL1 1400 6LED 5.2S CLO L90 730 with white LED, integral driver 6 pin nema socket and mayflower GPS DALI node
- 11 Proposed column number
- (11) Existing column number
- 3.00 lux iso-contour line
- 0.60 lux iso-contour line

REV	DETAILS	DWN	DATE

Drawing Number: 3145-D-11
Revision: -

Client: Persimmon Homes (Thames Valley) Ltd

Project: Littlehampton Phase 6
Toddington Lane, Wick

Drawing Title: Proposed Private Road Lighting and Illuminance Layout

Scale at A1: 1-500
Sheet 2 of 3
Drawn: NWS
Date: 04.12.2025

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