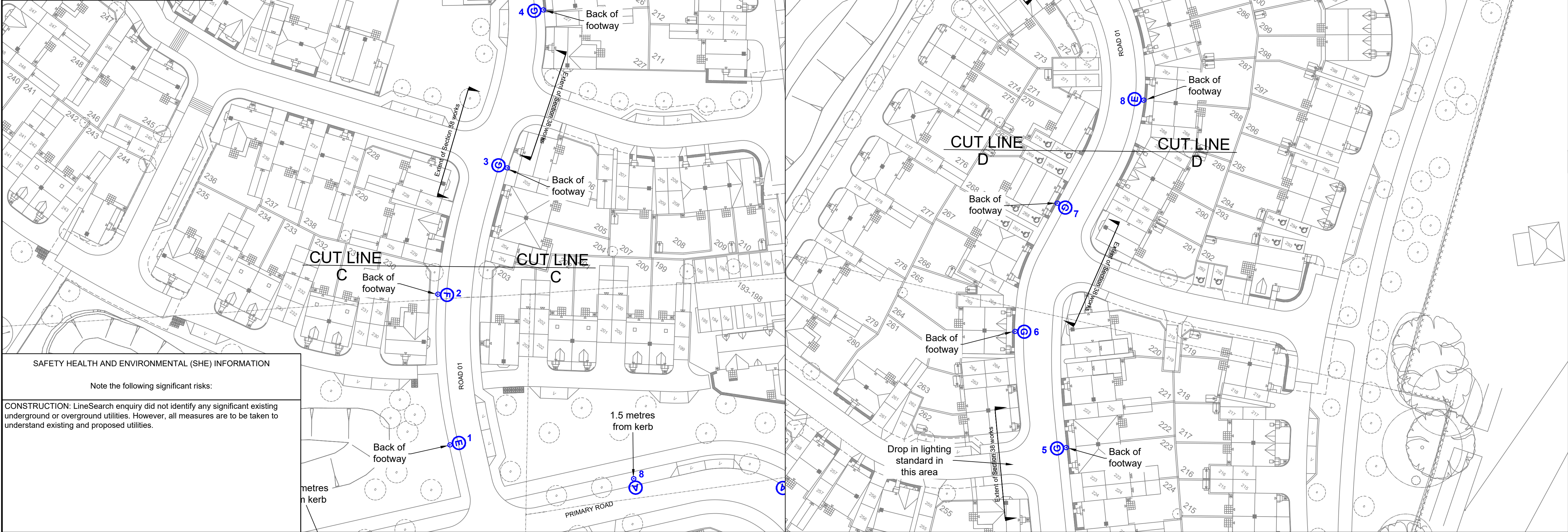


| Unit Type ID | Count | Status          | Mounting Height | Column Type                | Column Material  | Column Colour   | Installation Type | Root Length      | Mounting | Luminaire Tilt | Luminaire                 | Optic Setting | Output (klm) | Colour Temperature | Wattage           | Luminaire Weight | Windage | Control Unit                    | Switching Unit          | Isolator     | Electricity Supply |
|--------------|-------|-----------------|-----------------|----------------------------|------------------|-----------------|-------------------|------------------|----------|----------------|---------------------------|---------------|--------------|--------------------|-------------------|------------------|---------|---------------------------------|-------------------------|--------------|--------------------|
| A            | 24    | Proposed column | 6 metres        | Stepped tubular            | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 5 degrees      | Philips BGP702 Micro Luma | DW50          | 5.00         | Neutral white      | 29W (20 no. LEDs) | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |
| B            | 1     | Proposed column | 6 metres        | Stepped tubular            | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 5 degrees      | Philips BGP702 Micro Luma | DM50          | 1.40         | Neutral white      | 9W (6 no. LEDs)   | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |
| C            | 2     | Proposed column | 6 metres        | Stepped tubular            | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 5 degrees      | Philips BGP702 Micro Luma | DW50          | 3.40         | Neutral white      | 19W (20 no. LEDs) | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |
| D            | 1     | Proposed column | 6 metres        | Mid-hinged raise and lower | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 5 degrees      | Philips BGP702 Micro Luma | DN10 BL1      | 1.40         | Neutral white      | 9W (6 no. LEDs)   | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |
| E            | 3     | Proposed column | 6 metres        | Stepped tubular            | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 0 degrees      | Philips BGP702 Micro Luma | DW50          | 3.80         | Neutral white      | 22W (20 no. LEDs) | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |
| F            | 1     | Proposed column | 6 metres        | Stepped tubular            | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 0 degrees      | Philips BGP702 Micro Luma | DM10          | 3.80         | Neutral white      | 22W (20 no. LEDs) | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |
| G            | 5     | Proposed column | 6 metres        | Stepped tubular            | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 0 degrees      | Philips BGP702 Micro Luma | DW50 BL1      | 3.80         | Neutral white      | 22W (20 no. LEDs) | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |
| H            | 3     | Proposed column | 6 metres        | Stepped tubular            | Galvanised steel | BS12B21 (Green) | Planted           | Factory standard | Post top | 0 degrees      | Philips BGP702 Micro Luma | DM10          | 3.00         | Neutral white      | 17W (20 no. LEDs) | 8.0kg            | 0.021m² | Electronic DALI enabled ballast | Mayflower External node | DNO Isolator | DNO                |

| Col Ref | Road Name    | Easting  | Northing |
|---------|--------------|----------|----------|
| 1       | Bus Gate     | 449742.4 | 115052.3 |
| 2       | Bus Gate     | 449776.3 | 115063.2 |
| 3       | Bus Gate     | 449775.0 | 115044.4 |
| 1       | Primary Road | 450372.8 | 114952.0 |
| 2       | Primary Road | 450336.7 | 114939.9 |
| 3       | Primary Road | 450319.7 | 114953.2 |
| 4       | Primary Road | 450309.7 | 114993.4 |
| 5       | Primary Road | 450300.1 | 115023.6 |
| 6       | Primary Road | 450280.6 | 115058.5 |
| 7       | Primary Road | 450275.8 | 115088.4 |
| 8       | Primary Road | 450242.0 | 115088.8 |
| 9       | Primary Road | 450210.5 | 115072.0 |
| 10      | Primary Road | 450174.3 | 115073.6 |
| 11      | Primary Road | 450152.2 | 115056.8 |
| 12      | Primary Road | 450122.7 | 115042.3 |
| 13      | Primary Road | 450106.4 | 115014.0 |
| 14      | Primary Road | 450079.7 | 114988.8 |
| 15      | Primary Road | 450047.4 | 114971.5 |
| 16      | Primary Road | 450028.8 | 114946.7 |
| 17      | Primary Road | 449997.9 | 114956.8 |
| 18      | Primary Road | 449964.8 | 114954.1 |
| 19      | Primary Road | 449930.0 | 114974.7 |
| 20      | Primary Road | 449914.3 | 115006.3 |
| 21      | Primary Road | 449889.0 | 115030.8 |
| 22      | Primary Road | 449851.3 | 115034.6 |
| 23      | Primary Road | 449821.4 | 115055.3 |
| 24      | Primary Road | 449793.4 | 115058.7 |
| 25      | Primary Road | 449791.5 | 115075.4 |
| 1       | Road 01      | 450201.8 | 115096.2 |
| 2       | Road 01      | 450199.1 | 115129.3 |
| 3       | Road 01      | 450214.3 | 115156.9 |
| 4       | Road 01      | 450222.6 | 115187.2 |
| 5       | Road 01      | 450210.3 | 115217.0 |
| 6       | Road 01      | 450207.4 | 115253.0 |
| 7       | Road 01      | 450216.6 | 115281.1 |
| 8       | Road 01      | 450235.6 | 115303.6 |
| 9       | Road 01      | 450227.4 | 115333.9 |
| 10      | Road 01      | 450211.7 | 115347.2 |
| 11      | Road 01      | 450238.3 | 115368.6 |
| 12      | Road 01      | 450261.6 | 115382.4 |



- Key**
- Proposed street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).
  - Proposed raise and lower street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).
  - Street lighting column installed as part of other works.

| Lighting Classes (BS5489-1:2020) |    |
|----------------------------------|----|
| All roads                        | P4 |

- 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.linesearchbeforeudig.co.uk](http://www.linesearchbeforeudig.co.uk)
  - During works all traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.
  - Columns are to be designed in accordance with BS EN40 and PD6547.
  - Columns are to be finished with 200um glass flake from root to 250mm above ground level.
  - 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.
  - Columns are to be factory painted.
  - 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 BS7871 at the time of adoption.
  - All installations must be installed in such a way that trees or any other foliage on the site does not interfere with the level of lighting. 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 which forms the basis of this lighting scheme design and includes the hazards identified by others on their hazard elimination and management list.

|     |                |          |     |
|-----|----------------|----------|-----|
| A   | ORIGINAL ISSUE | 20/04/22 | MWG |
| REV | DESCRIPTION    | DATE     | BY  |

**SSE Enterprise | Lighting**

SSE Enterprise - Lighting, 1st Floor, Solent Park, Walton Road, Portsmouth, PO6 1UJ

email - [lightingdesign@sse.com](mailto:lightingdesign@sse.com)

|                                                                             |    |                                                 |          |
|-----------------------------------------------------------------------------|----|-------------------------------------------------|----------|
| TITLE                                                                       |    | SECTION 38<br>STREET LIGHTING<br>LAYOUT DRAWING |          |
| SHEET 3 OF 3                                                                |    |                                                 |          |
| PROJECT<br>BOORLEY GREEN, WINCHESTER ROAD<br>HEDGE END, HAMPSHIRE - PHASE 1 |    |                                                 |          |
| SCALE<br><br>1:500 @ A1                                                     |    | DATE                                            | 20/04/22 |
|                                                                             |    | DRAWN                                           | MWG      |
|                                                                             |    | CHECKED                                         | SAB      |
| PAPER SIZE                                                                  | A1 | APPROVED                                        | SAB      |
| DRAWING NUMBER                                                              |    |                                                 | REVISION |
| SSE217727-LD-003                                                            |    |                                                 | A        |