

GLASGOW CITY COUNCIL

LIGHTING - STANDARD DRAWING NOTES

NOTES

1. Positions of all plant to be agreed on site with Glasgow City Council's Lighting personnel prior to installation. GCC Contact (INSERT NAME) on 0141 287 (INSERT No).
2. All lighting materials to be selected from Glasgow City Council's current approved material lists. Contractor to ensure that his approved list is current prior to site start.
 - a) the Contractor must check compatibility between pillars and panels as they vary individually in size. Allowance must also be made to accommodate the Supply Authority service Cut-Out (200mm wide x 320mm tall), to be located at the bottom right-hand side of the pillar.
3. Installation to be conducted in compliance with Glasgow City Council's Residential Design Guide and amendments and 18th Edition IET Wiring Regulations (BS7671:2018). Particular attention is drawn to:
 - a) The requirements for inspection during construction.
 - b) The collection of relevant information regarding underground cable locations during construction to enable "as built" drawings to be produced. The "as built" drawings must also include details of the Manufacturer and Catalogue references of actual materials used.
 - c) If installed luminaires differ from those detailed in the legend, revised lighting calculations must be produced to prove that the necessary lighting design criteria have been achieved.
4. All diversions, alterations, and new connections to existing public street lighting apparatus will be conducted only by written agreement and prior arrangement with Glasgow City Council at the developers' expense.
5. The developer shall contact Glasgow City Council prior to commencement and throughout the construction phase of works to enable inspections to be undertaken. Failure to facilitate inspections may result in rejection of the installation.
6. A schedule of column reference numbers will be provided by Glasgow City Council's lighting engineer for fixing to lighting columns and signs. These reference numbers must be fixed by the contractor prior to any adoption by Glasgow City Council for maintenance. The developer will supply and fix plastic EN numbering plates (white plates with black lettering) to the corresponding units. Minimum height from ground level to base of number plate to be 2.5m. Number plates to be aligned parallel to the road/ footway kerb line.
7. All adoptable lighting plant must be located within the adoptable service strip, footway, or road. Where lighting equipment is installed in a soft landscaped area, a 1m² hard standing platform shall be provided to allow unrestricted maintenance access and prevent interference from vegetation.
8. The installing contractor shall ensure that all existing roads shall remain lit throughout the hours of darkness during the works.
9. Liaison with Glasgow City Council's Lighting personnel is essential and a permit to work on any part of the existing public street lighting network obtained prior to commencement.
10. On completion of works the developer shall produce details of all materials used on site for the road lighting installation.
11. The lighting ducting system shall comprise of 100mm corrugated purple polypropylene duct. The duct shall run from point to point i.e., column to column and shall be reduced to 60mm duct at column positions, with the duct inserted into the column cable entry slot. Appropriate couplers, reducers and the like shall be used to ensure a complete duct system exists between columns. The duct shall terminate within the column base at the cable entry slot.
12. No cable jointing is permitted on the lighting network; alterations or remedial works will require new cable.
13. Lighting Design to comply with BS 5489-1:2020 Lighting Class (INSERT CLASS).
14. Any removal of redundant existing lighting columns and associated equipment shall only be conducted after commissioning of the new replacement lighting columns. All existing LED luminaires being removed must be returned to GCC for reuse (to be arranged with GCC Engineer and delivered to Gartcraig Depot).
15. On completion, the Contractor shall arrange for their representative to conduct an inspection and test of the lighting installation which shall be witnessed by GCC. Prior to testing, arrangements shall be made to GCC Lighting giving at least 72 hours prior notice prior for the test date to be arranged. The submission of a current edition BS7671 Electrical Installation Certificate is required prior to final acceptance and formal adoption.

Advice on any points should be sought at an early stage with the local authority lighting engineer.