



- NOTE CONTINUED**
11. Electrode to be installed in accordance with BS7671.
  12. For details on termination Type 8, and 11 refer to KCC Standard Detail KCC/SD/1400/010 and KCC/SD/1400/013 respectively.
  13. It is the responsibility of the contractor to ascertain the exact location of services in the vicinity of the works e.g. GPR scans, trials holes, cat and genny scan etc.
  14. Trial holes shall be carried out to confirm the locations for proposed street lighting equipment. Any change to equipment locations shown is subject to approval by the asset owner.
  15. Manufacturers label must be fitted indicating production date and batch number.
  16. All electrical works are to be in accordance with BS7671 Electrical regulation. Electrical regulations. Safe isolation procedures are to be followed during the disconnection and removal of lighting. Contractor to provide necessary safe system of work, method statement and risk assessment.
  17. If there is any deviation from the approved drawings, the contractor shall obtain approval from KCC prior to carrying out any works.
  18. The lighting should be able to be dimmed any chosen area, for example, in the loading and power station area if required. The adaptive lighting and dimming schedule to be confirmed by DBC.
  19. All drawings should be colour printed.

- LEGEND**
- Dartford Orchard Theatre project boundary.
  - (A) Install new 6m root mounted lighting column to KCC coastal specification with new CU Phosco LED P863 128 P4 luminaire, having a maximum light output of 6.35klm, (optic setting: W5-325-43W), post top, 0 degree tilt. Column to be wet painted. Column and luminaire finished in black RAL 9005.Qty: No.8
  - (B) Install new 6m root mounted lighting column to KCC coastal specification with new CU Phosco LED P863 128 F2 luminaire, having a maximum light output of 14.53klm, (optic setting: W5-750-95W), post top, 0 degree tilt. Column to be wet painted. Column and luminaire finished in black RAL 9005.Qty: No.5
  - LC000 Lighting Column ID number (Indicative) Proposed.
  - PCNC New private cable network connection.
  - DNOT DNO cable network to transfer
  - CX/TX Proposed circuit number/termination type.
  - Install 100mmØ orange PVC Ducting with draw rope at 450mm depth. Refer to feeder pillar schematic for cable details within ducts.
  - FP Proposed Single-phase 100A feeder pillar. For further details refer to 140 schematic drawings (1000009506-4-1400-0001)
  - ☒ Install new 600mm x 600mm duct chamber and composite lid.
  - ⏏ Install electrode in accordance with BS7671. Refer to LCC Standard Detail SD/14/4H.
  - ⚠ Hazard Symbol
  - 5 Lux value contour lines
  - 10
  - 20
  - 30
  - 40
  - 50

- NOTES**
1. All dimensions are in meters unless otherwise specified.
  2. Background survey information supplied by others. See original survey plans for details.
  3. All proposed materials and lighting works to be installed in accordance with KCC standards, guidelines and specifications.
  4. This design shall be read in conjunction with KCC standard details and KCC/SD/1400 series drawings for guidance.
  5. For General Arrangement drawing refer to 1000009506-4-0100-0.
  6. The contractor shall investigate locations for all proposed lighting columns and other equipment to determine site conditions.
  7. All isolators are to be from the Charles Endirect L510 range L5102 or above as per KCC Appendix A document.
  8. It is the contractor's responsibility to verify locations and depths of all services before excavating by hand-dug trial pits, radar survey or other approved means.
  9. For electric design and cable details refer to proposed lighting schematic 1000009506-4-0140-0001.
  10. The asset numbering shown on the drawings is for design purpose only. The contractor shall liaise with KCC to install correct asset numbers.

| Rev | Date       | Description    | Drn | Chk | App |
|-----|------------|----------------|-----|-----|-----|
| 0   | 21.11.2023 | ORIGINAL ISSUE | AS  | US  | TW  |

This drawing has been specifically prepared to meet the requirements of the named client and may contain design and innovative features which differ from conventional design standards.



Client: DARTFORD BOROUGH COUNCIL

Project: DARTFORD ORCHARD THEATRE

Drawing Title: PROPOSED LIGHTING LAYOUT SHEET 1 OF 1

Drawing Status: FOR APPROVAL

| Drawn | Designed | Date       | Scale | Size |
|-------|----------|------------|-------|------|
| AS    | US       | 21-11-2023 | 1:200 | A1   |

Drawing No: 1000009506-4-1300-0001 Rev: 0

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following significant risks and information identified by the designer

**▲ CONSTRUCTION**  
 C01 Close to underground drainage pipe lines.  
 C02 Close to temporary building structure.  
 C03 Close to the electric sub station.  
 C04 Column close to entrance door.

**▲ DEMOLITION**  
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**▲ MAINTENANCE & OPERATION**  
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It is assumed that all works are carried out by a competent contractor working, where appropriate, to an approved method statement.

