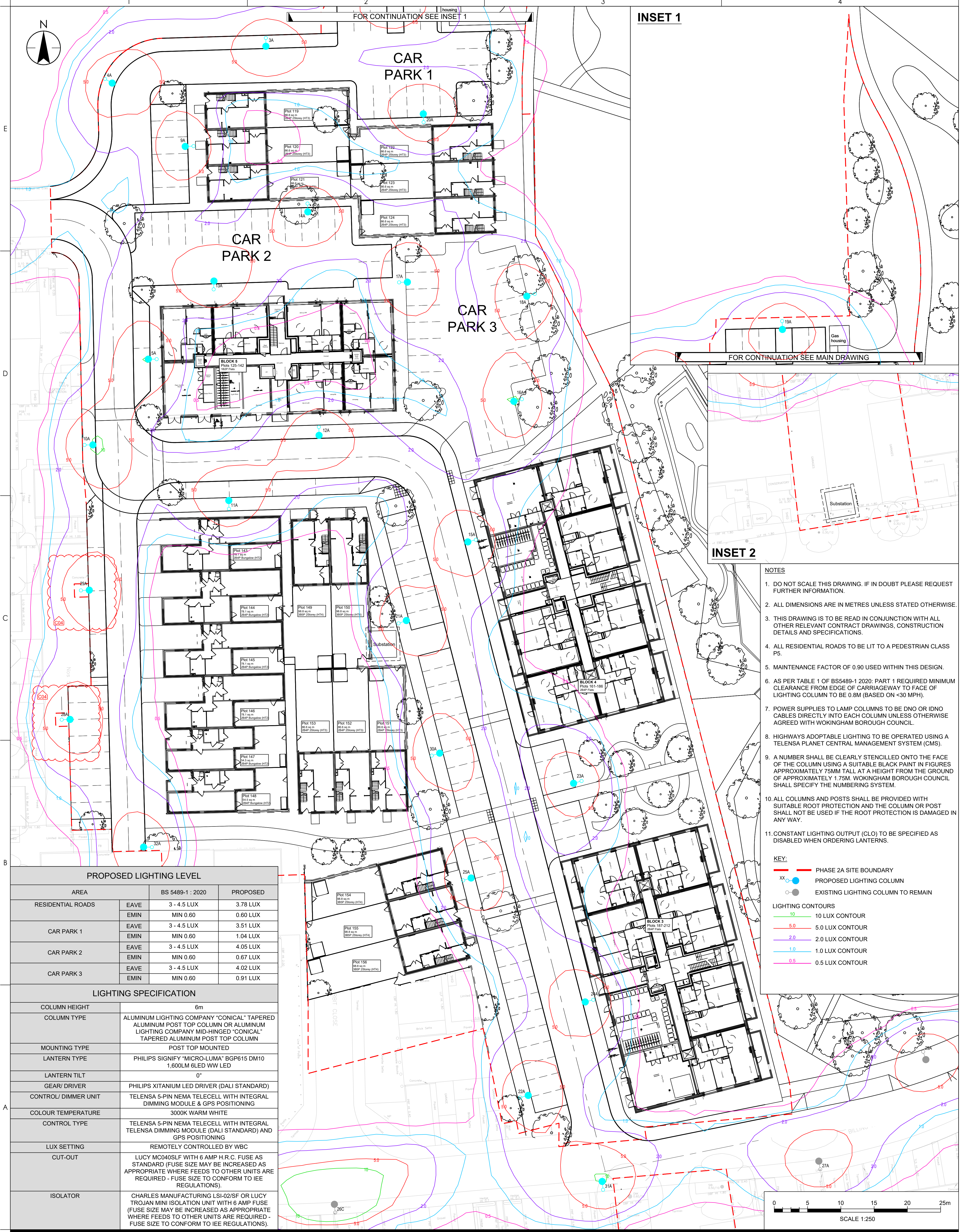




| PROPOSED LIGHTING LEVEL |                                                                                                                                                                                                                   |                  |          |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|
| AREA                    |                                                                                                                                                                                                                   | BS 5489-1 : 2020 | PROPOSED |
| RESIDENTIAL ROADS       | EAVE                                                                                                                                                                                                              | 3 - 4.5 LUX      | 3.78 LUX |
|                         | EMIN                                                                                                                                                                                                              | MIN 0.60         | 0.60 LUX |
| CAR PARK 1              | EAVE                                                                                                                                                                                                              | 3 - 4.5 LUX      | 3.51 LUX |
|                         | EMIN                                                                                                                                                                                                              | MIN 0.60         | 1.04 LUX |
| CAR PARK 2              | EAVE                                                                                                                                                                                                              | 3 - 4.5 LUX      | 4.05 LUX |
|                         | EMIN                                                                                                                                                                                                              | MIN 0.60         | 0.67 LUX |
| CAR PARK 3              | EAVE                                                                                                                                                                                                              | 3 - 4.5 LUX      | 4.02 LUX |
|                         | EMIN                                                                                                                                                                                                              | MIN 0.60         | 0.91 LUX |
| LIGHTING SPECIFICATION  |                                                                                                                                                                                                                   |                  |          |
| COLUMN HEIGHT           | 6m                                                                                                                                                                                                                |                  |          |
| COLUMN TYPE             | ALUMINUM LIGHTING COMPANY "CONICAL" TAPERED ALUMINUM POST TOP COLUMN OR ALUMINUM LIGHTING COMPANY MID-HINGED "CONICAL" TAPERED ALUMINUM POST TOP COLUMN                                                           |                  |          |
| MOUNTING TYPE           | POST TOP MOUNTED                                                                                                                                                                                                  |                  |          |
| LANTERN TYPE            | PHILIPS SIGNIFY "MICRO-LUMA" BGP615 DM10 1,600LM 6LED WW LED                                                                                                                                                      |                  |          |
| LANTERN TILT            | 0°                                                                                                                                                                                                                |                  |          |
| GEAR/ DRIVER            | PHILIPS TITANIUM LED DRIVER (DALI STANDARD)                                                                                                                                                                       |                  |          |
| CONTROL/ DIMMER UNIT    | TELENESA 5-PIN NEMA TELECELL WITH INTEGRAL DIMMING MODULE & GPS POSITIONING                                                                                                                                       |                  |          |
| COLOUR TEMPERATURE      | 3000K WARM WHITE                                                                                                                                                                                                  |                  |          |
| CONTROL TYPE            | TELENESA 5-PIN NEMA TELECELL WITH INTEGRAL TELESENSE DIMMING MODULE (DALI STANDARD) AND GPS POSITIONING                                                                                                           |                  |          |
| LUX SETTING             | REMOVED/ CONTROLLED BY WBC                                                                                                                                                                                        |                  |          |
| CUT-OUT                 | LUCY MC040SLF WITH 6 AMP H.R.C. FUSE AS STANDARD (FUSE SIZE MAY BE INCREASED AS APPROPRIATE WHERE FEEDS TO OTHER UNITS ARE REQUIRED - FUSE SIZE TO CONFORM TO IEE REGULATIONS).                                   |                  |          |
| ISOLATOR                | CHARLES MANUFACTURING LSI-02/SF OR LUCY TROJAN MINI ISOLATION UNIT WITH 6 AMP FUSE (FUSE SIZE MAY BE INCREASED AS APPROPRIATE WHERE FEEDS TO OTHER UNITS ARE REQUIRED - FUSE SIZE TO CONFORM TO IEE REGULATIONS). |                  |          |

- NOTES**
- DO NOT SCALE THIS DRAWING. IF IN DOUBT PLEASE REQUEST FURTHER INFORMATION.
  - ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT CONTRACT DRAWINGS, CONSTRUCTION DETAILS AND SPECIFICATIONS.
  - ALL RESIDENTIAL ROADS TO BE LIT TO A PEDESTRIAN CLASS P5.
  - MAINTENANCE FACTOR OF 0.90 USED WITHIN THIS DESIGN.
  - AS PER TABLE 1 OF BS5489-1 2020: PART 1 REQUIRED MINIMUM CLEARANCE FROM EDGE OF CARRIAGEWAY TO FACE OF LIGHTING COLUMN TO BE 0.8M (BASED ON <30 MPH).
  - POWER SUPPLIES TO LAMP COLUMNS TO BE DNO OR IDNO CABLES DIRECTLY INTO EACH COLUMN UNLESS OTHERWISE AGREED WITH WOKINGHAM BOROUGH COUNCIL.
  - HIGHWAYS ADOPTABLE LIGHTING TO BE OPERATED USING A TELENESA PLANET CENTRAL MANAGEMENT SYSTEM (CMS).
  - A NUMBER SHALL BE CLEARLY STENCILED ONTO THE FACE OF THE COLUMN USING A SUITABLE BLACK PAINT IN FIGURES APPROXIMATELY 75MM TALL AT A HEIGHT FROM THE GROUND OF APPROXIMATELY 1.75M. WOKINGHAM BOROUGH COUNCIL SHALL SPECIFY THE NUMBERING SYSTEM.
  - ALL COLUMNS AND POSTS SHALL BE PROVIDED WITH SUITABLE ROOT PROTECTION AND THE COLUMN OR POST SHALL NOT BE USED IF THE ROOT PROTECTION IS DAMAGED IN ANY WAY.
  - CONSTANT LIGHTING OUTPUT (CLO) TO BE SPECIFIED AS DISABLED WHEN ORDERING LANTERNS.
- KEY:**
- PHASE 2A SITE BOUNDARY
  - PROPOSED LIGHTING COLUMN
  - EXISTING LIGHTING COLUMN TO REMAIN
- LIGHTING CONTOURS**
- 10 LUX CONTOUR
  - 5.0 LUX CONTOUR
  - 2.0 LUX CONTOUR
  - 1.0 LUX CONTOUR
  - 0.5 LUX CONTOUR

Notes:

UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

Issue Status

**S5 - FOR REVIEW AND ACCEPTANCE**

This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Client/Project Logo:

**Stantec**

Stantec UK Limited  
Coversham Bridge House, Waterman Place  
Reading  
RG1 8DN  
Tel: +44 1189 500 761  
www.stantec.com/uk

**Wates**

Project:  
Gorse Ride

Phase 2 B

Title

**PROPOSED STREET LIGHTING**

Project No.  
330510523

Revision  
**C04**

A1 Scale  
1:250

Drawing No.  
**330510523-STN-ZZ-00-DR-D-1300**

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorised by Stantec is forbidden.

DM Dwn  
DM Dsgn  
DS Chkd  
2025.07.28  
YYYY.MM.DD