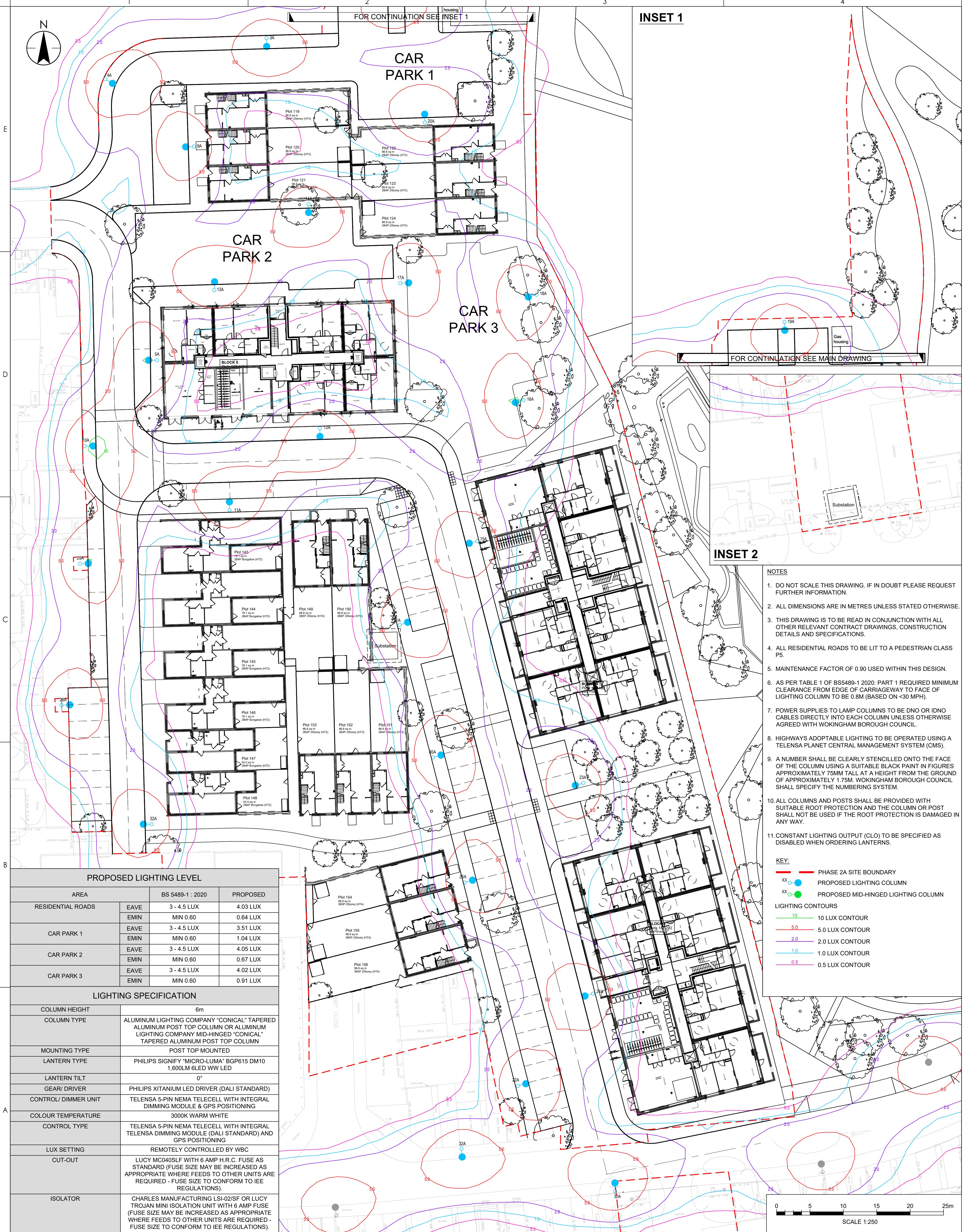




INSET 1

INSET 2

- 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 STENCILLED 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
 - PROPOSED MID-HINGED LIGHTING COLUMN
- LIGHTING CONTOURS
- 10 LUX CONTOUR
 - 5.0 LUX CONTOUR
 - 2.0 LUX CONTOUR
 - 1.0 LUX CONTOUR
 - 0.5 LUX CONTOUR

PROPOSED LIGHTING LEVEL			
AREA		BS 5489-1 : 2020	PROPOSED
		EAVE	MIN
RESIDENTIAL ROADS	EAVE	3 - 4.5 LUX	4.03 LUX
	EMIN	MIN 0.60	0.64 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	REMOVELY 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:

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

S2 - FOR INFORMATION

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

Wates

Project: Gorse Ride

Phase 2 B

Title

PROPOSED STREET LIGHTING

Project No. 330510523 A1 Scale 1:250

Revision P01 Drawing No. 330510523-STN-ZZ-00-DR-D-1300