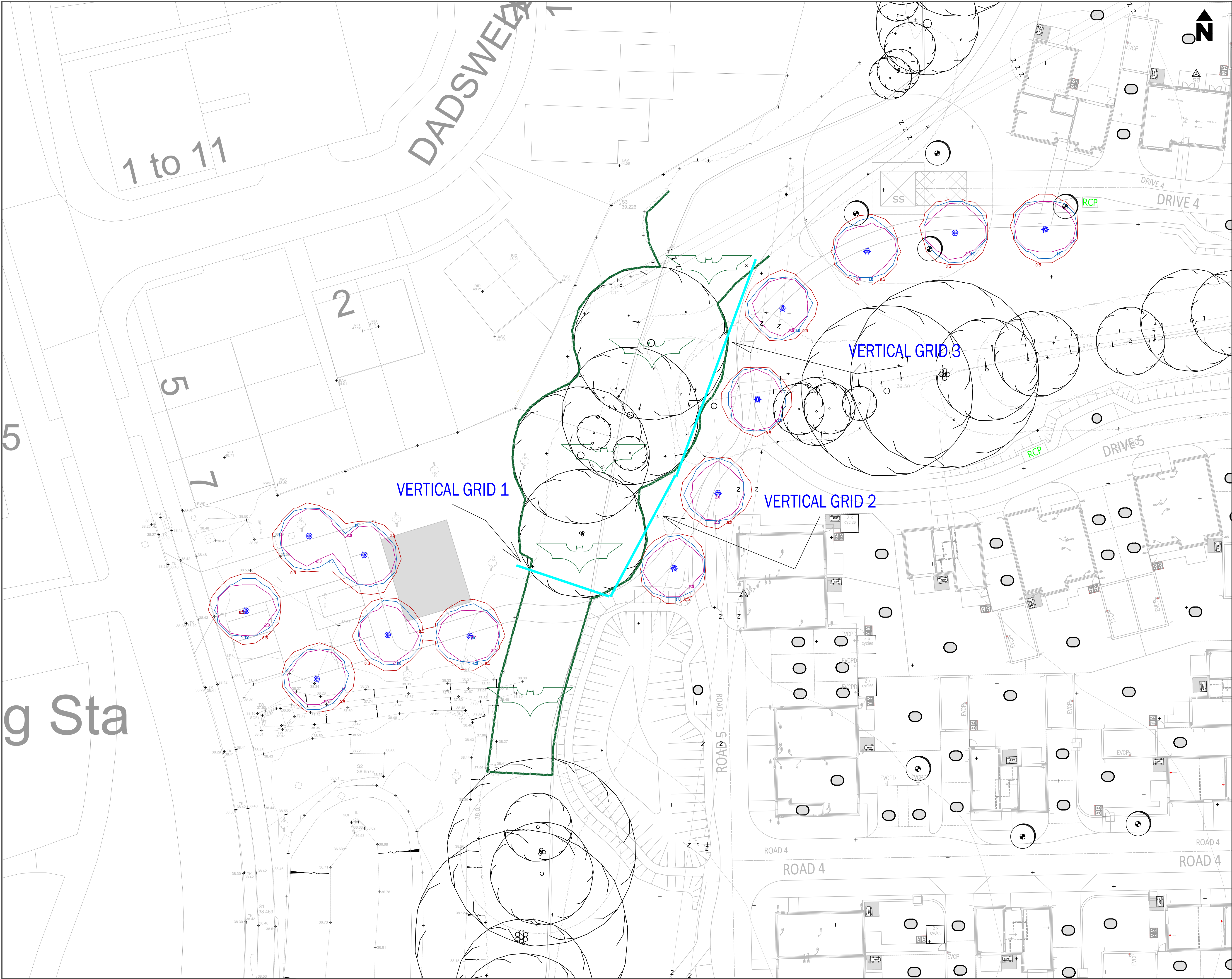




LIGHTING NOTES:

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RISKS (REFERENCE SHALL ALSO BE MADE TO THE DESIGN RISK ASSESSMENT)

1. UNKNOWN UTILITIES MAY BE PRESENT - ANY UTILITIES SHOWN ARE INDICATIVE. CONTRACTOR MUST REFER TO UP TO DATE UTILITY PLANS.
2. REFER TO CDM RISK ASSESSMENT.

SYMBOL	QUANTITY
	13

PROPOSED BOLLARD:
BOLLARD: DW WINDSOR SIERRA SOLAR SYMMETRIC. 1M BOLLARD 2700K LED 0.30KLM. BOLLARD TO BE FACTORY FINISHED BLACK. RAL9005. FLANGE MOUNTED.
SWITCHING: INTEGRATED MICROWAVE SENSOR
SUPPLY: N/A - SOLAR POWERED

LIGHTING CALCULATION DETAILS:
THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASSES: WAYFRONT ONLY

LEVELS ACHIEVED:
REFER TO LIGHTING CALCULATION REPORTS.

LUX CONTOUR LINES:

SYMBOL	DESCRIPTION
	0.50 LUX CONTOUR LINE
	1.00 LUX CONTOUR LINE
	2.00 LUX CONTOUR LINE

ECOLOGICAL REVIEW AND MITIGATION MEASURES:

BAT CORRIDOR - ECOLOGICALLY SENSITIVE AREA - LIGHTING LEVEL BELOW 0.5LUX

VERTICAL GRID LOCATIONS - SET AT 1m ABOVE GROUND LEVEL.

VERTICAL GRID RESULTS:
VERTICAL GRID 1 MAXIMUM ILLUMINANCE = 0.04lux
VERTICAL GRID 2 MAXIMUM ILLUMINANCE = 0.13lux
VERTICAL GRID 3 MAXIMUM ILLUMINANCE = 0.14lux

MITIGATION MEASURES:

- 2700K WARM WHITE LED LIGHT SOURCE
- LOW LEVEL 1m SOLAR BOLLARDS
- BOLLARDS POSTIONED AWAY FROM SENSITIVE AREAS
- POWERED 'ON' ONLY DURING PERIODS OF PEDESTRIAN MOVEMENT

- NOTES:**
1. THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH HEA/HMSA GUIDANCE NOTE - CDM2015 REGULATIONS, ISSUE 1.1, DATED 09/04/15
1.1. PROCEDURE 3 - DETAILED DESIGN - BASED ON INFORMATION PROVIDED BY THE CLIENT.
2. REFER TO DESIGNERS HAZARD ELIMINATION AND MANAGEMENT DOCUMENT (CDM RISK ASSESSMENT).
3. ALL APPARATUS TO BE:
3.1. INSTALLED AND TESTED IN COMPLIANCE WITH BS7671 LATEST EDITION.
3.2. NUMBERED / LABELED AS AGREED WITH DEVELOPMENT ENGINEER.
3.3. NEW AT THE TIME OF INSTALLATION AND SUPPORTED BY RELEVANT MANUFACTURERS GUARANTEES AND DATA SHEETS.
4. ALL WORKS SHOULD BE CARRIED OUT BY A SUITABLY QUALIFIED AND COMPETENT PERSONS IN ACCORDANCE WITH BUT NOT LIMITED TO, CS9 WORKING IN THE VICINITY OF DNO EQUIPMENT, WORKING AT HEIGHT REGULATIONS, ELECTRICITY AT WORK REGULATIONS, SAFE DIGGING PRACTICES HSG47 AVOIDING DANGER FROM UNDERGROUND SERVICES AND CODE OF PRACTICE FOR ELECTRICAL SAFETY AND HIGHWAY ELECTRICAL OPERATIONS.
5. IT IS THE RESPONSIBILITY OF THE INSTALLING ORGANISATION TO UNDERTAKE FINAL DUE DILIGENCE AND DETERMINE THE EXACT LOCATION OF ANY STATUTORY UNDERTAKERS SERVICES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS ON SITE. ANY UTILITIES INDICATED ARE INDICATIVE ONLY.
6. CONTRACTORS SHOULD SATISFY THEMSELVES THAT ANY UTILITY DRAWINGS AFFECTING THE SCHEME ARE ACCURATE AND UP TO DATE FROM THE COMMENCEMENT OF CONSTRUCTION WORKS, IN SOME CIRCUMSTANCE, TRIAL HOLES OF A SUITABLE SIZE ARE TO BE DUG BEFORE PLANNED INSTALLATION OF ANY COLUMNS.
7. ISO-LUX CONTOUR LINES SHOWN ARE INDICATIVE.
8. CONSTRUCTION SHOULD NOT BE STARTED UNTIL PLANNING PERMISSION HAS BEEN GRANTED. ANY WORKS TAKING PLACE PRIOR TO APPROVAL SHALL BE AT THE DEVELOPERS RISK.

R1	CLIENT REVIEW	LD	28.07.26
R0	FIRST ISSUE	PW	03.06.26
REV:	DESCRIPTION:	BY:	DATE:

STATUS: **FOR APPROVAL**

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SITE: **WOOD VALE, BILLINGHURST
WEST SUSSEX**

TITLE: **PROPOSED PRIVATE
LIGHTING LAYOUT**

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:200	03.06.26	PW	LD
PROJECT NO:	DRAWING NO:	REVISION:	
WLC1549	WLC1549-1300-001	R1	