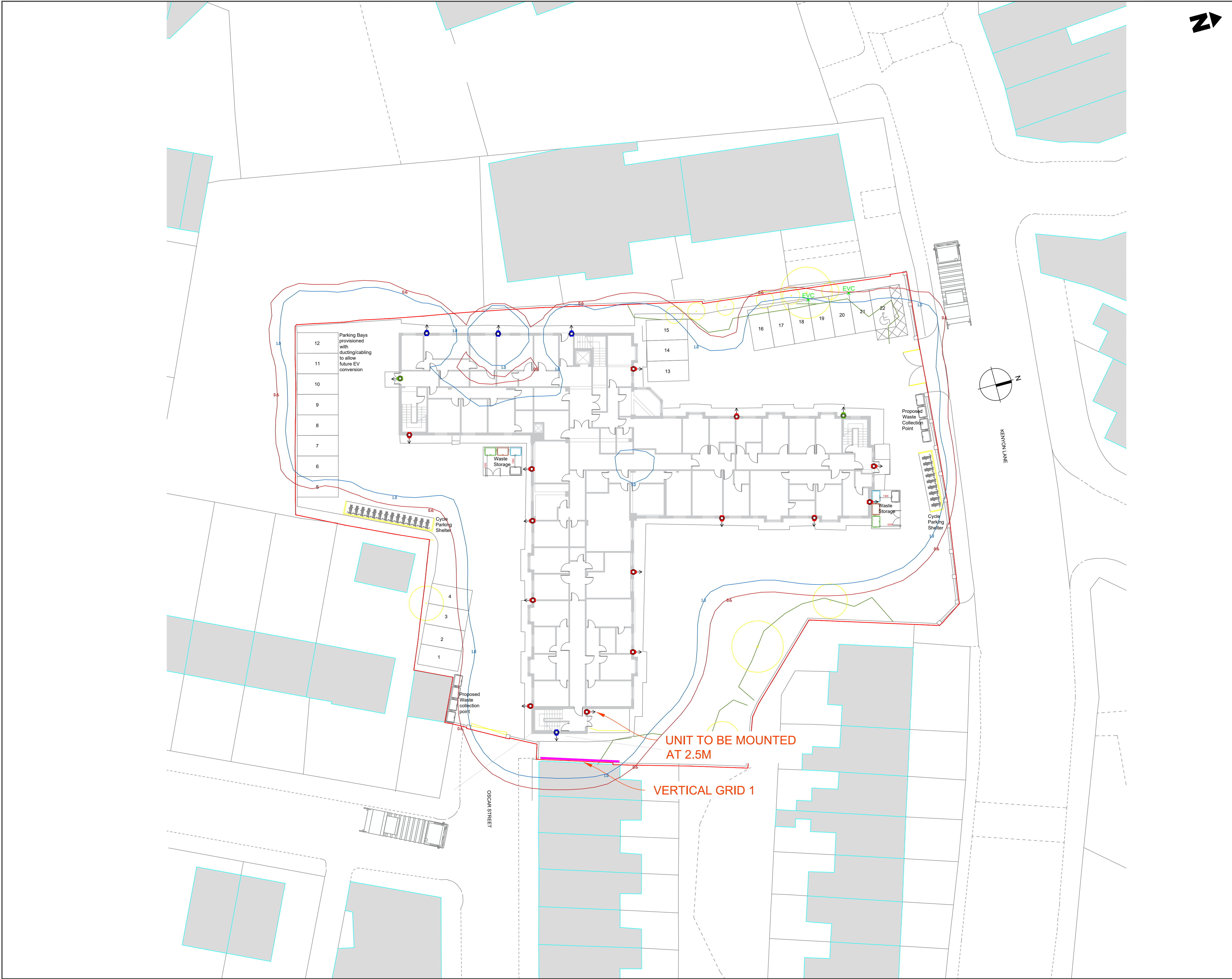




LIGHTING NOTES:

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

2

PROPOSED WALL MOUNTED LANTERN:

DW WINDSOR KIRKBY PRO 1 - 18 LED 350mA C2 WITH REAR SHIELD 2700K WARM WHITE WITH 7 PIN NEMA AND 35/18 ONE PART PHOTOCELL. SET AT 0°/TILT MOUNTED AT 4M. CONNECTED TO LANDLORDS SUPPLY.

PROPOSED DOWN LIGHT:

ORLIGHT GR1000S LED WARM WHITE 2700K GU10 0.54m OUTPUT (SW) FACTORY FINISHED BLACK RAL9005. MOUNTED AT 2.2m - CONNECTED TO PROPERTY SUPPLY.

PROPOSED WALL LIGHT:

DW WINDSOR KIRKBY BULKHEAD (3m OR AS STATED) LED WARM WHITE 2700K 1.42m OUTPUT (2xW 300mA WIDE OPTIC) WITH MINATURE PHOTOCELL DUSK TO DAWN AND PRESENCE DETECTOR DIMMING TO 10% OUTPUT DURING INACTIVITY. FACTORY FINISHED BLACK RAL9005. CONNECTED TO LANDLORDS SUPPLY.

LIGHTING CALCULATION DETAILS:

THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASSES; WAYFINDING AND SECURITY PURPOSES ONLY.

LEVELS ACHIEVED:
REFER TO LIGHTING CALCULATION REPORTS.

SYMBOL	DESCRIPTION
	0.60 LUX CONTOUR LINE
	1.00 LUX CONTOUR LINE

VERTICAL GRID 1 - REFER TO LIGHTING CALCULATION REPORT - DEMONSTRATES LEVELS AT 2M ABOVE GROUND LEVEL TO A HEIGHT OF 7M AGL.

NOTES:

1. THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH HEA/HMSA GUIDANCE NOTE - CONDUIT REGULATIONS, ISSUE 1.1, DATED 09/04/19.
 - 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, CEN WORKING IN THE VICINITY OF DNO EQUIPMENT, WORKING AT HEIGHT REGULATIONS, 'ELECTRICITY AT WORK REGULATIONS', 'SAFE DIGGING PRACTICES' REGAT 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. ALL WALL MOUNTED UNIT POSITIONS AND FIXINGS SHALL BE AGREED WITH THE ARCHITECT AND CONTRACTOR PRIOR TO PURCHASE.
9. CONSTRUCTION SHOULD NOT BE STARTED UNTIL PLANNING PERMISSION HAS BEEN GRANTED. ANY WORKS TAKING PLACE PRIOR TO APPROVAL SHALL BE AT THE DEVELOPERS RISK.

R2	CLIENT REVIEW	PW	22.04.22
R1	CLIENT REVIEW	PW	05.04.22
R0	FIRST ISSUE	PW	05.04.22
REV:	DESCRIPTION:	BY:	DATE:

STATUS:

FOR APPROVAL

Williams Lighting Consultants Ltd.



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SITE: OAKLAND CARE HOME, KENYON LANE, MANCHESTER

TITLE: PROPOSED EXTERIOR LIGHTING LAYOUT

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:200	05.04.22	PW	LD

PROJECT NO: WLC648 DRAWING NO: WLC648-1300-001 REVISION: R2