

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
P4	8

PROPOSED COLUMN AND LANTERN:

COLUMN:	PROPOSED 6M TUBULAR GALVANIZED STEEL LIGHTING COLUMN WITH GLASS FLAKE ROOT PROTECTION UP TO 250MM ABOVE GROUND LEVEL.
LANTERN:	URBIS AXIA 3.1.
LIGHT SOURCE:	8 LED 400mA 4000K
FLUX:	1.14klm
WATTAGE:	8.3W
OPTIC:	5270
LANTERN MOUNTING:	POST TOP - 76MM
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	ELECTRONIC DALI ENABLED DIMMABLE DRIVER
ISOLATOR:	INSTALL LUCY TROJAN MIDI 32A LOCKABLE DOUBLE POLE ISOLATOR WITH 6A BS88 FUSE
SWITCHING:	ONE PART PHOTOCELL WITH SWITCH REGIME 35 LUX ON 18 LUX OFF.
SUPPLY:	TO BE CONFIRMED BY OTHERS

P8	8

PROPOSED COLUMN AND LANTERN:

COLUMN:	PROPOSED 6M TUBULAR GALVANIZED STEEL LIGHTING COLUMN WITH GLASS FLAKE ROOT PROTECTION UP TO 250MM ABOVE GROUND LEVEL.
LANTERN:	URBIS AXIA 3.1.
LIGHT SOURCE:	8 LED 400mA 4000K
FLUX:	1.50klm
WATTAGE:	10.9W
OPTIC:	5295
LANTERN MOUNTING:	POST TOP - 76MM
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	ELECTRONIC DALI ENABLED DIMMABLE DRIVER
ISOLATOR:	INSTALL LUCY TROJAN MIDI 32A LOCKABLE DOUBLE POLE ISOLATOR WITH 6A BS88 FUSE
SWITCHING:	ONE PART PHOTOCELL WITH SWITCH REGIME 35 LUX ON 18 LUX OFF.
SUPPLY:	TO BE CONFIRMED BY OTHERS

ADJACENT ADOPTABLE LIGHTING COLUMN:
SHOWN FOR TIE-IN PURPOSES ONLY.

LIGHTING CALCULATION DETAILS:
THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASS(ES): P4 AND LIGHT TRAFFIC CAR PARK IN ACCORDANCE WITH BS5489-1:2020.

LEVELS ACHIEVED:
REFER TO LIGHTING CALCULATION REPORTS.

LUX CONTOUR LINES :

SYMBOL	DESCRIPTION
OP	0.60 LUX CONTOUR LINE
	1.00 LUX CONTOUR LINE

NOTES:

1. THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH HEA-HEMSA GUIDANCE NOTE - COM2015 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 MANUFACTURER'S 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, G39 '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.

REV:	DESCRIPTION:	BY:	DATE:
R3	PLANNING REVIEW	PW	14.11.25
R2	LANDSCAPING REVIEW	PW	01.10.24
R1	LANDSCAPING REVIEW	PW	03.09.24
R0	FIRST ISSUE	PW	17.07.24

STATUS: **FOR APPROVAL**

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SITE: **KILNWOOD PHASE 3 DEFG**

TITLE: **PROPOSED PRIVATE LIGHTING LAYOUT**

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:1000	17.07.24	PW	LD

PROJECT NO: WLC1152-PVT
DRAWING NO: WLC1152-PVT-1300-001
REVISION: R3