



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

PROPOSED COLUMN AND LANTERN:

COLUMN:
6m WORKINGHAM BOROUGH COUNCIL SPECIFICATION ALUMINIUM LIGHTING COMPANY CONICAL TAPERED ALUMINIUM COLUMN.
PHILIPS LUNA GEN2 MICRO BGP702

LANTERN:
LIGHT SOURCE:
10 LED 3000K WARM WHITE
FLUX:
2,600lm
WATTAGE:
18W
OPTIC:
DMLD B.L.
POST TOP: 76MM
LANTERN MOUNTING:
0°
LANTERN INCLINATION:
PHILIPS TITANIUM DALI ENABLED DRIVER
CONTROL GEAR REF:
CHARLES ENDRECHT LSI-02/SF
ISOLATOR:
TELENSA 5 PIN NEMA TELECELL WITH INTEGRAL DIMMING
SWITCHING:
MODULE AND GPS POSITIONING
SUPPLY:
NEW UNMETERED (DNO SUPPLY - GTC
GLARE RATING:
G3

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EXISTING/PROPOSED COLUMN:

SHOWN FOR THEIR PURPOSES ONLY. PART OF OTHER WORKS.

LIGHTING CALCULATION DETAILS:

THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASSES: PS (HIGHWAY) IN ACCORDANCE WITH BS 5489:2020.

LEVELS ACHIEVED:
REFER TO WLC1291-EC-AD-001 LIGHTING CALCULATIONS

LUX CONTOUR LINES: CONTOUR LINES DO NOT CONSIDER PROPOSED SHIELDING.

SYMBOL

DESCRIPTION
0.60 LUX CONTOUR LINE

LANTERN ORDERS

ALL LANTERNS ORDERED SHALL HAVE CLO (CONSTANT LIGHT OUTPUT) DISABLED

TELENSA TELECELLS:

CONTRACTOR TO PROVIDE DETAILS AND LOCATIONS OF TELECELL ID NUMBERS POST INSTALLATION TO WBC STREET LIGHTING TEAM

NUMBERING:

COLUMN NUMBERING TO BE AGREED WITH WBC AND LABELLED IN ACCORDANCE WITH WBC STREET LIGHTING TEAM'S REQUIREMENTS

1. THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASSES: PS (HIGHWAY)

2. THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH HEA HEMSA GUIDANCE NOTE - COM2015 REGULATIONS, ISSUE 1.1, DATED 09/04/15

2.1. PROCEDURE 3 - DETAILED DESIGN, BASED ON INFORMATION PROVIDED BY THE CLIENT.

3. ALL NEW COLUMNS AND ILLUMINATED SIGNS TO BE DNO SERVICED, UNLESS AGREED OTHERWISE IN WRITING.

4. THE DESIGN AND INSTALLATION OF LIGHTING AND ELECTRICAL EQUIPMENT MUST FULLY COMPLY WITH WBC LATEST SPECIFICATION.

5. ALL APPARATUS TO BE:
5.1. INSTALLED AND TESTED IN COMPLIANCE WITH BS7671 LATEST EDITION.
5.2. NUMBERED / LABELLED AS AGREED WITH WBC ENGINEER.
5.3. NEW AT THE TIME OF INSTALLATION AND SUPPORTED BY RELEVANT MANUFACTURERS GUARANTEES AND DATA SHEETS.

6. ALL WORKS SHOULD BE CARRIED OUT BY A SUITABLY QUALIFIED AND COMPETENT PERSONS IN ACCORDANCE WITH BS7 NOT LIMITED TO, G39 WORKING IN THE VICINITY OF DNO EQUIPMENT; WORKING AT HEIGHT REGULATIONS; ELECTRICITY AT WORK REGULATIONS; SAFE DIGGING PRACTICES 19347; AVOIDING DANGER FROM UNDERGROUND SERVICES AND CODE OF PRACTICE FOR ELECTRICAL SAFETY AND HIGHWAY ELECTRICAL OPERATIONS

7. 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.

8. 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 CIRCUMSTANCES, TRIAL HOLES OF A SUITABLE SIZE ARE TO BE DUG BEFORE PLANNED INSTALLATION OF ANY COLUMNS.

9. ISO LUX CONTOUR LINES SHOWN ARE INDICATIVE AND DO NOT CONSIDER PROPOSED SHIELDING.

12. CONSTRUCTION SHOULD NOT BE STARTED UNTIL TECHNICAL APPROVAL HAS BEEN GRANTED BY WBC. ANY WORKS TAKING PLACE PRIOR TO APPROVAL SHALL BE AT THE DEVELOPERS RISK.

RA
REV:

HAS
DESCRIPTION:

FW
BY:

09.08.26
DATE:

STATUS:

FOR APPROVAL

Williams Lighting Consultants Ltd.

info@wclighting.co.uk
www.wclighting.co.uk
01608 642530

SITE:

PHASE 6 (PARCEL 16)
FINCHWOOD

TITLE:

PROPOSED ADOPTABLE
STREET LIGHTING LAYOUT

SCALE AT A1:

DATE:

DRAWN:

CHECKED:

1:500

13.05.25

PW

LD

PROJECT NO:

DRAWING NO:

REVISION:

WLC1291

WLC1291-1300-001

R1