



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:

ON WIRKSWORTH BOROUGH COUNCIL SPECIFICATION ALUMINIUM LIGHTING COMPANY CONICAL TAPERED ALUMINIUM COLUMN.

LANTERN:

PHILIPS LUNA GEN2 MICRO BRGP702

LIGHT SOURCE:

10 LED 3000K WARM WHITE

FLUX:

2,200lm

WATTAGE:

13W

OPTIC:

DM10

LANTERN MOUNTING:

POST TOP - 75MM

LANTERN INCLINATION:

0°

CONTROL GEAR REF:

PHILIPS TITANIUM DALI ENABLED DRIVER

ISOLATOR:

CHARLES ENDRECHT LSI/02/SF

SWITCHING:

TELENSA 5 PIN NEMA TELECELL WITH INTEGRAL DIMMING MODULE AND OPS POSITIONING

SUPPLY:

NEW UNMETERED DNO SUPPLY

GLARE RATING:

G3

PROPOSED COLUMN AND LANTERN:

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GLARE RATING:

G3

EXISTING/PROPOSED COLUMN:

SHOWN FOR THE PURPOSES ONLY, PART OF OTHER WORKS.

LIGHTING CALCULATION DETAILS:

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

LEVELS ACHIEVED:

REFER TO WLC1291-LC-AD-001 LIGHTING CALCULATIONS

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

SYMBOL

DESCRIPTION

0.80 LUX CONTOUR LINE

NOTES:

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

2. THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH HEA/HEMSA GUIDANCE NOTE: CONDUITS REGULATIONS, ISSUE 1.1, DATED 01/04/15

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 / LABELED AS APPLIED WITH WBC ENGINEERS

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 BUT NOT LIMITED TO, G38 WORKING IN THE VICINITY OF DNO EQUIPMENT, WORKING AT HEIGHT REGULATIONS, ELECTRICITY AT WORK REGULATIONS, SAFE DRIVING PRACTICES (SDP4) HANGING 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 CIRCUMSTANCE, TRIAL HOLES OF A SUITABLE SIZE ARE TO BE DUG BEFORE PLANNED INSTALLATION OF ANY COLUMNS.

9. ISOLUX 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.

RO

FIRST ISSUE

PW

13.05.25

REV:

DESCRIPTION:

BY:

DATE:

STATUS:

FOR APPROVAL

Williams Lighting Consultants Ltd.

WLC

info@wlighting.co.uk

www.wlighting.co.uk

01608 642530

SITE:

PHASE 6 (PARCEL 16)
FINCHWOOD

TITLE:

PROPOSED ADOPTABLE
STREET LIGHTING LAYOUT

SCALE AT A1:

1:500

DATE:

13.05.25

DRAWN:

PW

CHECKED:

LD

PROJECT NO:

WLC1291

DRAWING NO:

WLC1291-1300-001

REVISION:

R0