



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 ONLY. CONTRACTOR MUST REFER TO UP TO DATE UTILITY PLANS.
2. REFER TO CDM RISK ASSESSMENT.

SYMBOL	QUANTITY
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PROPOSED LIGHTING COLUMN AND LANTERN:

TERN:	6N TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER LEADING BRANDS CONCULCS SPECIFICATION FOR ROAD LIGHTING AND BS EN40.
TERN: HT SOURCE:	HOLOPHANE V-MAX (VMX-2,LR23,V1,X2,L2,W009) LED 3000K WARM WHITE
TERN: TAGE:	1.25Mm
TERN: IC:	9W X2L2
TERN: MOUNTING:	POST TOP - 76MM
TERN: INCLINATION:	LED ELECTRONIC DIMMER DALI ENABLED
TERN: CONTROL GEAR REF:	CHAMPS ENDURECT DOUBLE POLE ISOLATOR
TERN: TCHING:	7 IN NEMA SOCKET WITH ONE PART PHOTOCELL 35/18 LU ON/OFF
TERN: SUPPLY:	DEVELOPER TO CONFIRM
TERN: PRE RATING:	93

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PROPOSED LIGHTING COLUMN AND LANTERN:

LMN:	6m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER READING ROOMS BOROUGH COUNCILS SPECIFICATION FOR ROAD LIGHTING AND BS EN 14001
TERN:	HOLPHANE V-MAX (VM-2.1R032.V1.F4Q1.W018)
HT SOURCE:	LED 3000K WARM WHITE
IC:	2.65mH
TAGE:	18W
IC:	F4Q1
TERN:	POST TOP - 70MM
OUNTING:	ON/OFF
OUNTING:	LED ELECTRONIC DRIVER DAU ENAILED
OUNTING:	CHARLES ENCHERD COLORED POLE LIGHTS
OUNTING:	7 PIN NEMA SOCKET WITH ONE PART PHOTOCELL, 35/18 LUMEN
OUNTING:	ON/OFF
OUNTING:	DEVELOPER TO CONFIRM
OUNTING:	G4

JACENT COLUMN:

WLC907-S38 FOR FURTHER DETAILS - SHOWN FOR TIE-IN PURPOSES ONLY.

WEIGHTING CALCULATION DETAILS

THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING
TARGET LIGHTING CLASS(ES): P5 FOLLOWING BS5489-1:2020.

LEVELS ACHIEVED:

SYMBOL	DESCRIPTION
	0.60 LUX CONTOUR LINE

HTING NOTES:

THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH HEA-HEMSA GUIDANCE
NOTE - CDM2015 REGULATIONS, ISSUE 1.1, DATED 09/04/15

- PROCEDURE 3 - DETAILED DESIGN - BASED ON INFORMATION PROVIDED BY THE CONTRACTOR
- REFER TO DESIGNERS HAZARD ELIMINATION AND MANAGEMENT DOCUMENT (CDM RISK ASSESSMENT)
- ALL APPARATUS TO BE
- INSTALLED AND TESTED IN COMPLIANCE WITH BS7671 LATEST EDITION
 - NUMBERED AND LABELED AS AGREED WITH DEVELOPMENT ENGINEER
 - NEW AT THE TIME OF INSTALLATION AND SUPPORTED BY RELEVANT MANUFACTURERS GUARANTEE
- ALL WORKS SHOULD BE CARRIED OUT BY A SUITABLY QUALIFIED AND COMPETENT PERSONS IN ACCORDANCE WITH BUT NOT LIMITED TO, C13 WORKING IN THE VICINITY OF D2 EQUIPMENT - WORKING AT HEIGHT REGULATIONS - ELECTRICITY AT WORK REGULATIONS - WORKING IN AREAS OF RISK OF FALLING - AVOIDING DANGER FROM UNDERGROUND SERVICES AND CODE OF PRACTICE FOR ELECTRICAL SAFETY AND HEALTH
- IT IS THE RESPONSIBILITY OF THE INSTALLING ORGANISATION TO UNDERTAKE FRAUD DILIGENCE AND DETERMINE THE EXACT LOCATION OF ANY STATUTORY UNDERTAKERS SERVICES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS
- 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 HOLE DRILLING AT A SUITABLE SIZE ARE TO BE DUG BEFORE PLANNED INSTALLATION OF A UTILITY COLUMN.
- ISOLATION COUNTER LINES SHOWN ARE INDICATIVE.
- CONSTRUCTION SHOULD NOT BE STARTED UNTIL PLANNING PERMISSION HAS BEEN GRANTED. ANY WORKS TAKING PLACE PRIOR TO APPROVAL SHOULD BE AT THE

R1	CT CHANGED TO 3000K	PW	17.10.2
R0	FIRST ISSUE	PW	20.09.2
REV:	DESCRIPTION:	BY:	DATE

FOR APPROVAL

Williams Lighting Consultants Ltd.



SITE: **CARTER'S SITE**
READING

TITLE: PROPOSED PRIVATE LIGHTING LAYOUT

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:250	20.09.23	PW	LD
PROJECT NO:	DRAWING NO:	REVISION:	

WLC907-PRV-1300-001 R1