



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. NOT FOR CONSTRUCTION - PLANNING PURPOSES ONLY

SYMBOL QUANTITY - #S REFER TO ALL PLANS

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PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE.	TOTI TUBULAR GALVANIZED STEEL LIGHTING COLUMN AS PER EN40 AND EDC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13)
COLUMN:	PHILIPS LIMA FINISHED RAL7035 40 LED 3000K WARM WHITE 10.0MM DIA 10.0M POST TOP
LANTERN:	LED DRIVER AS PER EDC SPECIFICATION
LIGHT SOURCE:	DOUBLE POLE 25A ISOLATOR AS PER EDC HIGHWAYS STREET LIGHTING SPECIFICATION
OUTPUT:	7 PIN NEMA SOCKET WITH TENSLEA 5 PIN TELCEL REEF. DETAILS G-3 REFER TO TENSLEA NOTES BELOW FOR DETAILS REGARDING TELCEL A ID LABELS.
LIGHT SOURCE:	TBC
OPTIC:	
LANTERN MOUNTING:	
LANTERN INCLINATION:	
CONTROL GEAR REF:	
ISOLATOR:	
SWITCHING:	
SUPPLY:	

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PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:

COLUMN:	10m TUBULAR GALVANNE STEEL LIGHTING COLUMN AS PER EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.1)
LANTERN:	PHILIPS LIMA FINISHED RAL7035
LIGHT SOURCE:	2x D50 3000K WARM WHITE
OUTPUT:	13.500lm
OPTIC:	DEW LED BL (BACK LIGHT SHIELDING)
LANTERN MOUNTING:	POST TOP
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER ECC SPECIFICATION
ISOLATOR:	DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION
SWITCHING:	7 PIN NEMA SOCKET WITH TELESNA 5 A PIN TELEDELR. REF: TELESN-G 3 REFER TO TECHNICAL NOTES BELOW FOR DETAILS REGARDING TELESNA ID LABELS.
SUPPLY:	TBC

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PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
 COLUMN: 5m DW WINDSOR CORDILL COLUMN - FACTORY FINISHED BLACK RAL9005
 LANTERN: DW WINDSOR STREET FACTORY FINISHED BLACK RAL9005
 LIGHT SOURCE: 16 LED 3000K WARM WHITE
 OUTPUT: 1.20km
 OPTIC: A1
 LANTERN MOUNTING: 0°
 LANTERN INCLINATION: POST TOP
 CONTROL / GEAR REF: 0
 ISOLATOR: LED DRIVER
 SWITCHING: DOUBLE POLE 25A ISOLATOR
 SUPPLY: MINUTARI PHOTOCELL 35/18 ON/OFF
 TBC

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PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:

COLUMN:
6" MINUBAR GALVANISED STEEL RAKE AND LOWER
LIGHTING AS PER BS EN 60598 AND ECC HIGHWAYS STRE
LIGHTING SPECIFICATION (APPENDIX 13.1)
PHILIPS LUMINA FINISHED RAL7035
6' LED 3000K WARM WHITE
1' 000mm
DN09 BL1 (BACK LIGHT SHIELDING)
POST TOP
0"
LED DRIVER AS PER ECC SPECIFICATION
DOUBLE LITE 25A ISOATOR AS PER ECC HIGHWAYS STRE
LIGHTING SPECIFICATION

LANTERN:
LIGHT SOURCE:
LUTIT:
OPTIC:
LANTERN MOUNTING:
LANTERN INCLINATION:
CONTROL GEAR:
ISOLATOR:

SWITCHING:
7 PIN NEMA SOCKET WITH TELENESA 5 PIN TELCELR
TELENESA G-REFER TO Telenesa NOTES BELOW FOR DETAILS
RELEVANT TO Telenesa D LABLES

SUPPLY:
TBC

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PROMOSER CULMINANT AND LANTERN - SPEC TRC AT DETAILED DESIGN STAGE:

COLLOID: 6B TUBULAR GALVANIZED STEEL LIGHTING COLUMN AS PER B/E AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.1) - INACCESSIBLE UNITS TO BE RAISE AND LOW

LANTERN: PHILIPS LUMINA FINISHED RA17035

LIGHT SOURCE: D12 3000K WARM WHITE

OUTPUT: 5.20lm

OPTIC: DWSD

LANTERN MOUNTING: POST TOP

LANTERN INCLINATION: 0°

CONTROL GEAR REF: LED DRIVER AS PER ECC SPECIFICATION

ISOLATOR: DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION

SWITCHING: 7 PIN NEMA SOCKET WITH TELENESA 5 PIN TELECEL REF: TLEN3 G 3 REFER TO TABLES NOTES BELOW FOR DETAILS REGARDING TELENESA ID LABELS.

SUPPLY: TBC

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PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:

COLUMN: 6B TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER B EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.1)

LANTERN: PHILIPS LUMA FINISHED DALI7035

LIGHT SOURCE: 2x D0 3000K WARM WHITE

CUT OFF: 2.50mH

OPTIC: DM10 B.L (BACK LIGHT SHIELDING)

LANTERN MOUNTING: POST TOP

LANTERN ILLUMINATION: 0°

CONTROL: LED DRIVER AS PER ECC SPECIFICATION

ISOLATOR: 700V NEMA SOCKET WITH TELENESA 5 PIN TELECELS STREET LIGHTING SPECIFICATION

SWITCHING: 7 PIN NEMA SOCKET WITH TELENESA 5 PIN TELECELS STREET LIGHTING SPECIFICATION

SUPPLY: TBC

TELENESA G 3 REFER TO TELENESA NOTES BELOW FOR DETAILS REGARDING TELENESA ID LABELS.

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PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:	
COLUMN:	6m TUBULAR GALVANISED STEEL BASED AND LOWER LIGHTING COLUMN AS PER BS EN40 AND EC CODE HIGHWAYS STREET LIGHT SPECIFICATION (APPENDIX 13/1).
LANTERN:	PHILIPS LUMINA AFENIX RA7035
LIGHT SOURCE:	20 LED 3000K WARM WHITE
OUTPUT:	5,200lm
OPTIC:	D50M BZL (BACK LIGHT SHIELDING)
LANTERN MOUNTING:	POST TOP
LANTERN INCLINATION:	0°
CONTROL:	LED DRIVER AS PER EC SPECIFICATION
ISOLATOR:	DOUBLE POLE 250A ISOLATOR AS PER EC HIGHWAYS STREET LIGHTING SPECIFICATION
SWITCHING:	7 PIN NEMA SOCKET WITH TELENDA S 5 PIN TELECALL RE: T212M G3 REFER TO DETAILED NOTES BELOW FOR DETAILS REGARDING TELENDA I LABELS.
SUPPLY:	TBC

THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASS(ES): C3 (ROUNDABOUT ACCESS), P3 (SPINE ROADS), P4 (ADAPTABLE SIDE STREETS) AND P5 (PRIVATE AREAS) FOLLOWING BS5489-1:2020.

LEVELS ACHIEVED:
REFER TO LIGHTING CALCULATION REPORTS

LUX CONTOUR LINES - SET AT 'DAY 1' VALUES

SYMBOL	DESCRIPTION
	0.60 LUX CONTOUR LINE
	1.00 LUX CONTOUR LINE
	1.50 LUX CONTOUR LINE

NOTES:

1. DESIGN IS FOR PLANNING PURPOSES ONLY AND NOT FOR CONSTRUCTION

R2	REVISED BASE LAYOUT	PW	18.02.24
R1	REVISED BASE LAYOUT	PW	06.09.23
R0	FIRST ISSUE	PW	24.08.23
REV:	DESCRIPTION:	BY:	DATE:

STATUS

S: PLANNING

Williams Lighting Consultants Ltd.



**SITE: OFFICERS' MEADOW
SHENFIELD**

TITLE: INDICATIVE LIGHTING STRATEGY (PLAN) SHEET 3 OF 3

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:500	24.08.23	PW	LD

PROJECT NO:	DRAWING NO:	REVISION:
WLC654	WLC654-LS-003	R2