

CENT PLANNING
APPLICATION
22/00453/FUL

School Site



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)

NOT FOR CONSTRUCTION - PLANNING PURPOSES ONLY

SYMBOL QUANTITY
L# 7

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN:
10m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER BS
EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION
APPENDIX 13/1
LANTERN:
PHILIPS LUNA FINISHED RAL7035
40 LED 3000K WARM WHITE
LIGHT SOURCE:
20.00mm
OUTPUT:
DM10
OPTIC:
POST TOP
LANTERN MOUNTING:
LED DRIVER AS PER ECC SPECIFICATION
LANTERN INCLINATION:
CONTROL GEAR REF:
ISOLATOR:
DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET
LIGHTING SPECIFICATION
7 PIN NEMA SOCKET WITH TELENDA 5 PIN TELECELL REF:
T21EN-G-3 REFER TO TELENDA NOTES BELOW FOR DETAILS
REGARDING TELENDA ID LABELS
SWITCHING:
TBC
SUPPLY:
5

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN:
10m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER BS
EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION
APPENDIX 13/1
LANTERN:
PHILIPS LUNA FINISHED RAL7035
40 LED 3000K WARM WHITE
LIGHT SOURCE:
20.00mm
OUTPUT:
DM10 BL1 (BACK LIGHT SHIELDING)
OPTIC:
POST TOP
LANTERN MOUNTING:
LED DRIVER AS PER ECC SPECIFICATION
LANTERN INCLINATION:
CONTROL GEAR REF:
ISOLATOR:
DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET
LIGHTING SPECIFICATION
7 PIN NEMA SOCKET WITH TELENDA 5 PIN TELECELL REF:
T21EN-G-3 REFER TO TELENDA NOTES BELOW FOR DETAILS
REGARDING TELENDA ID LABELS
SWITCHING:
TBC
SUPPLY:
29

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN:
6m DW WINDSOR CARDIFF COLUMN - FACTORY FINISHED BLACK
RAL9005
LANTERN:
DW WINDSOR STREET FACTORY FINISHED BLACK RAL9005
18 LED 3000K WARM WHITE
LIGHT SOURCE:
1.20m
OUTPUT:
41
OPTIC:
POST TOP
LANTERN MOUNTING:
LED DRIVER AS PER ECC SPECIFICATION
LANTERN INCLINATION:
CONTROL GEAR REF:
ISOLATOR:
DOUBLE POLE 25A ISOLATOR
SWITCHING:
MINIATURE PHOTOCELL 20/AS ON/OFF
TBC
SUPPLY:
4

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN:
6m TUBULAR GALVANISED STEEL RISE AND LOWER
LIGHTING COLUMN AS PER BS EN40 AND ECC HIGHWAYS STREET
LIGHTING SPECIFICATION (APPENDIX 13/1)
LANTERN:
PHILIPS LUNA FINISHED RAL7035
6 LED 3000K WARM WHITE
LIGHT SOURCE:
1.00m
OUTPUT:
DM10 BL1 (BACK LIGHT SHIELDING)
OPTIC:
POST TOP
LANTERN MOUNTING:
LED DRIVER AS PER ECC SPECIFICATION
LANTERN INCLINATION:
CONTROL GEAR REF:
ISOLATOR:
DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET
LIGHTING SPECIFICATION
7 PIN NEMA SOCKET WITH TELENDA 5 PIN TELECELL REF:
T21EN-G-3 REFER TO TELENDA NOTES BELOW FOR DETAILS
REGARDING TELENDA ID LABELS
SWITCHING:
TBC
SUPPLY:
40

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN:
6m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER BS
EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION
APPENDIX 13/1
LANTERN:
PHILIPS LUNA FINISHED RAL7035
20 LED 3000K WARM WHITE
LIGHT SOURCE:
2.00m
OUTPUT:
DM10 BL1 (BACK LIGHT SHIELDING)
OPTIC:
POST TOP
LANTERN MOUNTING:
LED DRIVER AS PER ECC SPECIFICATION
LANTERN INCLINATION:
CONTROL GEAR REF:
ISOLATOR:
DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET
LIGHTING SPECIFICATION
7 PIN NEMA SOCKET WITH TELENDA 5 PIN TELECELL REF:
T21EN-G-3 REFER TO TELENDA NOTES BELOW FOR DETAILS
REGARDING TELENDA ID LABELS
SWITCHING:
TBC
SUPPLY:
5

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN:
6m TUBULAR GALVANISED STEEL RISE AND LOWER LIGHTING
COLUMN AS PER BS EN40 AND ECC HIGHWAYS STREET LIGHTING
SPECIFICATION (APPENDIX 13/1)
LANTERN:
PHILIPS LUNA FINISHED RAL7035
20 LED 3000K WARM WHITE
LIGHT SOURCE:
1.20m
OUTPUT:
DM10 BL2 (BACK LIGHT SHIELDING)
OPTIC:
POST TOP
LANTERN MOUNTING:
LED DRIVER AS PER ECC SPECIFICATION
LANTERN INCLINATION:
CONTROL GEAR REF:
ISOLATOR:
DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET
LIGHTING SPECIFICATION
7 PIN NEMA SOCKET WITH TELENDA 5 PIN TELECELL REF:
T21EN-G-3 REFER TO TELENDA NOTES BELOW FOR DETAILS
REGARDING TELENDA ID LABELS
SWITCHING:
TBC
SUPPLY:
1

LIGHTING CALCULATION DETAILS:
THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING
TARGET LIGHTING CLASSES: C3 (ROUNDABOUT ACCESS), C3 (SPURNE ROADS), P4 (ADJOINABLE
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.

R1	REVISED BASE LAYOUT	PW	08.09.23
RO	FIRST ISSUE	PW	24.08.23
REV:	DESCRIPTION:	BY:	DATE:

STATUS:
PLANNING

Williams Lighting Consultants Ltd.
 info@wclighting.co.uk
www.wclighting.co.uk
01608 642530

**SITE: OFFICERS' MEADOW
SHENFIELD**
**TITLE: INDICATIVE LIGHTING
STRATEGY (PLAN) SHEET 2 OF 2**

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

PROJECT NO:	DRAWING NO:	REVISION:
WLC654	WLC654-LS-002	R1

W2
Various