

School Site

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. NOT FOR CONSTRUCTION - PLANNING PURPOSES ONLY

SYMBOL QUANTITY -#5 REFER TO ALL PLANS

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN: 10m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER BS EN404 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13/1)
LANTERN: PHILIPS LUMA FINISHED RAL7035
LIGHT SOURCE: 40 LED 3000K WARM WHITE
OUTPUT: 30,000lm
OPTIC: DM10
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 TELENDA 5 PIN TELECELL REF. T21EN-G-3 REFER TO TELENDA NOTES BELOW FOR DETAILS REGARDING TELENDA ID LABELS.
SUPPLY: TBC

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN: 10m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER BS EN404 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13/1)
LANTERN: PHILIPS LUMA FINISHED RAL7035
LIGHT SOURCE: 40 LED 3000K WARM WHITE
OUTPUT: 30,000lm
OPTIC: DM10 BL1 (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 TELENDA 5 PIN TELECELL REF. T21EN-G-3 REFER TO TELENDA NOTES BELOW FOR DETAILS REGARDING TELENDA ID LABELS.
SUPPLY: TBC

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN: 6m DW WINDSOR CARDIFF COLUMN - FACTORY FINISHED BLACK RAL8005
LANTERN: DW WINDSOR STREET FACTORY FINISHED BLACK RAL8005
LIGHT SOURCE: 40 LED 3000K WARM WHITE
OUTPUT: 30,000lm
OPTIC: AL2
LANTERN MOUNTING: POST TOP
LANTERN INCLINATION: 0°
CONTROL GEAR REF: LED DRIVER AS PER ECC SPECIFICATION
ISOLATOR: DOUBLE POLE 25A ISOLATOR
SWITCHING: MINUTURE PHOTOCELL 30/AS ON/OFF
SUPPLY: TBC

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE:
COLUMN: 6m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER BS EN404 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13/1)
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LIGHT SOURCE: 40 LED 3000K WARM WHITE
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SUPPLY: TBC

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LIGHTING CALCULATION DETAILS:
THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASSES: C3 (ROUNDABOUT ACCESS), P3 (SPUR 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.
REV: DESCRIPTION: PW PW 16.02.24
REV: DESCRIPTION: PW PW 24.08.23
STATUS: BY: DATE:

PLANNING

Williams Lighting Consultants Ltd.
info@wlcighting.co.uk
www.wlcighting.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 R2