

The image is a detailed site plan for a school development. It shows a large green area labeled "School Site" in the upper left. The plan includes numerous labels for rooms and areas, such as "Classroom", "Library", "Gymnasium", "Plaza", "Garden", "Attenuation Basin", "Shared Surface", "Private Drive", "Raised Table", "Veg", "V70", "V71", "V72", "V73", "V74", "V75", "V76", "V77", "V78", "V79", "V80", "V81", "V82", "V83", "V84", "V85", "V86", "V87", "V88", "V89", "V90", "V91", "V92", "V93", "V94", "V95", "V96", "V97", "V98", "V99", "V100", "V101", "V102", "V103", "V104", "V105", "V106", "V107", "V108", "V109", "V110", "V111", "V112", "V113", "V114", "V115", "V116", "V117", "V118", "V119", "V120", "V121", "V122", "V123", "V124", "V125", "V126", "V127", "V128", "V129", "V130", "V131", "V132", "V133", "V134", "V135", "V136", "V137", "V138", "V139", "V140", "V141", "V142", "V143", "V144", "V145", "V146", "V147", "V148", "V149", "V150", "V151", "V152", "V153", "V154", "V155", "V156", "V157", "V158", "V159", "V160", "V161", "V162", "V163", "V164", "V165", "V166", "V167", "V168", "V169", "V170", "V171", "V172", "V173", 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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

PROPOSED COLUMN AND LANTERN:	SPEC TRAC AT DETAILED DESIGN STAGE:
COLUMN:	10M TUBULAR GALVANIZED STEEL LIGHTING COLUMN AS PER BS EN40 AND ECC HIGHWAY STREET LIGHTING SPECIFICATION
ANTENNA:	APPENDIX 15 (1) PHILIPS LUMA FINISHED RAL7035
LIGHT SOURCE:	400 3000K WARM WHITE
LED LUT:	10.000lm
PFIC:	DM10
ANTENNA INCLINATION:	0°
CONTROL GEAR REF:	TOP POST
ISOLATOR:	LED DRIVER AS PER ECC SPECIFICATION DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAY STREET LIGHTING SPECIFICATION
WATCHING:	1 PIN NEMA SOCKET WITH 10/50A 5 PIN TELECELL REF: 722EN-03 REFER TO TECHNICALS BELOW FOR DETAILS REGARDING TELESEA ID LABELS.
UPPLY:	TRC

COMPOSED COLUMN AND LANTERN - SPEC TRAC AT DETAIL/D DESIGN COLUMN:	10mm TUBULAR GALVANIZED STEEL LIGHTING CHIMNEY AS PER BS EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION
APPROX. 150 L	PHILIPS LUMINA HIGHWAY RAIL7035
INPUT: LIGHT SOURCE:	2x 35watt WARM WHITE
OUTPUT: 13.50mm	DW50 BL/L (BLACK LIGHT SHIELDING)
INTERNAL MOUNTING: POST TOP	
INTERNAL INCLINATION: 0°	LED DRIVER AS PER ECC SPECIFICATION
CONTROL: GRAY AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION	DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION
WATER: 7 PIN NEMA SOCKET WITH TELESNA 5 PIN TELECELL. REF: 732426-3 REFER TO LANTERN NOTES BELOW FOR DETAILS REGARDING TELECELL ID LABELS.	
UPPLY: RBC	

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

PROPOSED COLUMN AND LANTERN: SPECIFIED AT DETAILED DESIGN STAGE.
COLUMN: 6m TUBULAR GALVANIZED STEEL RAISE AND LOWER
LIGHTING COLUMN: AS PER BS EN40 AND EIC HIGHWAYS STREET LIGHTING SPECIFICATION APPENDIX 13(1)
GLASS: PHILIPS LUNA FINISHED BALUSTOS
LIGHT SOURCE: 4 LED 3000K WARM WHITE
OUTPUT: 1,000lm
UPFIT: EN90 B1.4 (BLACK LIGHT SHIELDING)
ANTENNA MOUNTING: POST TOP
ANTENNA INCLINATION: 0°
CONTROL: GEAR REFLECTOR
REFLECTOR: 0°
SWITCHING: LED DRIVER AS PER EIC HIGHWAY SPECIFICATION
DOUBLE POLE 25A ISOLATOR AS PER EIC HIGHWAYS STREET LIGHTING SPECIFICATION
PHI 76mm SOCKET WITH TENSILE 5.5mm PIN TELECELL REF: 7212-60 REFER TO TENSILE NOTES BELOW FOR DETAILS REGARDING TENSILE ID LABELS.
TRC

COMPOSED COLUMN AND LANTERN -	SPEC TRC AT DETAILED DESIGN STAGE.
COLUMN:	6m TUBULAR GALVANIZED STEEL LIGHTING COLUMN AS PER BS EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.1) - INACCESSIBLE UNITS TO BE RAISED AND LOWERED
LANTERN:	PHILIPS LUMA FINISHED RAL7035
LIGHT SOURCE:	2x20 3000K WARM WHITE
WARRANTY:	5-20mm
FINISH:	DW52
ANTENNA MOUNTING:	POST TOP
ANTENNA INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER ECC SPECIFICATION
ISOLATOR:	DOUBLE POLE 250 A ISOLATOR WITH PERVAH HIGH STRENGTH LIGHTING SPECIFICATION
WATCHING:	7 PIN NEMA SOCKET WITH TENLISA 5 PIN TELECEL REF: T2126N-3 REFER TO TENLISA NOTES BELOW FOR DETAILS REGARDING TENLISA ID LABELS.
SUPPLY:	TBC

ROPOSED COLUMN AND LANTERN - SPEC TRC AT DETAILED DESIGN STAGE.

COLUMN: 8"X12" TUBULAR GALVANNEED STEEL LIGHTING COLUMN AS PER EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.3)

LIGHT SOURCE: PHILIPS LUMIA FINISHED RAL7035 2'X2' 3000K WARM WHITE

UTPUT: 2,600lm

UTPUT: 2,600lm

ANTEN MOUNTING: DMSI B2 (BLACK LIGHT SHIELDING)

ANTEN INCLINATION: POST TOP

CONTROL GEAR: LIGHT DRIVER AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION

WATCHING: DOUBLE POLE 254 ISO ALAR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION

UTPUT: 7"11N NEMA SOCKET WITH PENLUS 5.5W PENLUS REF: 7212N-6C REFER TO TELESNA NOTES BELOW FOR DETAILS REGARDING LEDS & LABELS.

UTPUT: TBC

COLLUM:	6m TUBULAR GALVANIZED STEEL RAISED AND LOWER LIGHTING COLLUM AS PER BS EN40 AND ECG HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.1)
NANTERN:	PHILIPS LUMA FINISHED RA17035
LIGHT SOURCE:	20 LED 3000K WARM WHITE
LUTFIT:	2.20mm
PFIC:	50% BLD2 (BLACK LIGHT SHIELDING)
NANTERN MOUNTING:	POST TOP
NANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER ECG SPECIFICATION
ISOLATOR:	DOUBLE POLE 250 A ISOLATOR AS PER ECG HIGHWAYS STREET LIGHTING SPECIFICATION
WATCHING:	1 PHN NEMA SOCKET WITH PENLUS 5 PHN TELECELL REF: 7212N-6-3 REFER TO IDENTITY NOTES BELOW FOR DETAILS REGARDING TELECELL & ID LABELS
SUPPLY:	TBC

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

LEVELS ACHIEVED:
REFER TO LIGHTING CALCULATION REPORTS.

UX 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:

DESIGN IS FOR PLANNING PURPOSES ONLY AND NOT FOR CONSTRUCTION

R2	REVISED BASE LAYOUT	PW	16.02.24
R1	REVISED BASE LAYOUT	PW	06.09.23
R0	FIRST ISSUE	PW	24.08.23
REV:	DESCRIPTION:	BY:	DATE:

STATUS

Williams Lighting Consultants Ltd.



TITLE: INDICATIVE LIGHTING STRATEGY (PLAN) SHEET 2 OF 2

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

WLC654 WLC654-LS-002 R2