



HAZARD NOTES:

- ⚠ Based on record information only. Other services may exist. Confirm all buried services by detection and slit trench.
- ⚠ Contaminated ground conditions. Risk of ingestion of toxic materials. Refer desk study report and any subsequent physical surveys. Further site investigations may identify contamination or hotspots. Provide suitable welfare facilities based on assessment of risks.
- ⚠ Buried high voltage and low voltage electric cables. Risk of explosion, electrocution and fire. Carry out surveys in accordance with HSG 47 (Avoiding Danger From Underground Services). Employ safe system of work including using hand, rather than power tools or machine implements, provide full scanning of the area to detect buried services using a cable detector, effectively mark the location of cables and ensure the work is properly supervised.
- ⚠ Buried gas supplies. Risk of explosion, uncontrolled pressure release and fire. Carry out surveys in accordance with HSG 47 (Avoiding Danger From Underground Services). Employ safe system of work including using hand, rather than power tools or machine implements, provide full scanning of the area to detect buried services where materials are suitable, effectively mark the location of pipework and ensure the work is properly supervised.
- ⚠ Buried water supplies. Risk of contamination of water supplies if pipework damaged. Risk of uncontrolled pressure release and collapse of trenches if ruptured. Carry out surveys in accordance with HSG 47 (Avoiding Danger From Underground Services). Employ safe system of work including using hand, rather than power tools or machine implements, provide full scanning of the area to detect buried services where materials are suitable, effectively mark the location of pipework and ensure the work is properly supervised.
- ⚠ Buried communications cables. Risk of interrupting emergency communications. Carry out surveys in accordance with HSG 47 (Avoiding Danger From Underground Services). Employ safe system of work including using hand, rather than power tools or machine implements, provide full scanning of the area to detect buried services where materials are suitable, effectively mark the location of cables and pipework and ensure the work is properly supervised.

ADVICE TO CONTRACTORS ON AVOIDING DANGER FROM BURIED ELECTRICITY CABLES

- Do have cable drawings with you on site and check them before you start the excavation.
- Do have a cable locator tool on site and use it to help you.
- Mark out the location of electricity cables.
- Do not use a mechanical excavator within 0.5m of electricity cables.
- Use spades and shovels in preference to other tools.
- Never disturb electricity cables and joints or their protective covers.

REPORTING DAMAGED CABLES: EDF Energy 0800 780078
 These basic safety precautions are explained in detail in the HSE booklet HS(G)47 - Avoiding Danger from Underground Services, a copy of which may be obtained from your supervisor or HMSO.

R2L2
 A small size LED road lighting lantern with 12 LEDs driven at 500mA with Narrow Flood optic. Electronic, fixed output control gear. Class 1 electrical, IP66, IK08. Housing: die-cast aluminium, powder coated textured light grey. Diffuser: tempered flat glass. Screws: stainless steel. EcoLubric® treated. Post top (Ø60/76mm, slotted 0°/5°/10°) or lateral (Ø34/42/48/60mm, slotted 0°/5°/10°/15°) mounting. Complete with 4000K LED.

Dimensions: 655 x 362 x 155 mm
 Total power: 21 W
 Weight: 9.06 kg
 Size: 0.05 m²

Lamp position: STD - standard
 Light Source: LED
 Luminaire luminous flux*: 2290 lm
 Luminaire efficacy*: 109 lm/W
 Lamp efficacy: 109 lm/W
 Colour Rendering Index min.: 70
 LOR: 1.00 ULOR: 0.00 DLOR: 1.00

Correlated colour temperature*: 4000 Kelvin
 Chromaticity tolerance (initial MacAdam)*: 5
 Rated median useful life*: 100000h L50 at 25°C
 Ballast: 1x EL2
 Luminaire input power*: 21 W Lambda = 0.95
 Dimming: TLDO

LUMINAIRE TYPE 'B' - COLUMN DATA SHEET
 (TO BE MOUNTED ON 4m COLUMNS)

EXTERNAL LIGHTING CONTROL

- All external lighting shall be controlled via 7 day timeclock and photocell over ride.
- lighting column luminaire to be "smart" with integrated microwave sensor and dimming ballast.
- The lighting columns shall be on 100% when movement is detected then after a period of inactivity the lighting shall dim down to a pre-set level around 20% until movement is detected again.

DIALux
 Willingdon School

2 6 * Thorn 96268405 R2L2 S 12L50 NR 740 CL1 (STD) (21.0 W; 1xLED 21 W)

Isolines

- 0.1 lx
- 0.2 lx
- 0.3 lx
- 0.5 lx
- 1.0 lx
- 5.0 lx



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Client: **EAST SUSSEX COUNTY COUNCIL**

Project: **WILLINGDON SCHOOL
 BROAD ROAD
 WILLINGDON**

Title: **UPPER CAR PARK
 LIGHTING LAYOUT WITH
 PHOTOMETRIC DATA**

Drawn: **MJN**

Checked: **CM**

Date: **DECEMBER 2017**

Scale: **1:100 @ A1**

Drawing Number: **M15/06/503**

Rev: **A**

Amendments:
 'A' 12.12.17 External lighting controls note added

- Notes:**
1. Under no circumstances should scaled dimensions be used for setting out.
 2. All dimensions to be checked on site.
 3. This drawing to be read in conjunction with architects drawings.
 4. This drawing is copyright and shall not be reproduced without permission.