

- The output of each bollard is only 180 lumens

a minimum of 0.4 lux

- A P6 class with an average level of illuminance of 2 lux and

1. Do not scale from this drawing.

2. Always work to noted dimensions.

3. All dimensions are in millimetres unless otherwise stated. 4. All setting out, levels and dimensions to be agreed on site.

Planning Application Boundary

Fire Assembly Point

Water points

Existing building

Proposed building toilet block - Cae Canol Overhead cables

Underground water pipe

PRF - Potential for roosting bats

Structural elements remaining free

from illumination - Ecology target notes 10 m buffer lighting buffer applied. Proposed Lighting columns - Stratton Single Timber LED Bollard- P6 class with an average level of illuminance of 2 lux and a minimum of 0.4 lux

Proposed mains lighting to buildings angled downwards with horizontal plane shields PIR motion sensors, colour temp equal to or below

Schwegler type 1B 32mm bird box

Schwegler type 1B 26mm bird box

Schwegler type 1FF maternity box

Schwegler open-fronted bird box

- and dimming capability • A warm white light source (check Kelvin rating is 2700K or less)
- Only luminaires with a negligible or zero upward Light Ratio, and with good optical control, should be considered • Luminaires should always be mounted horizontally, with no light output above 90° and/or no upward tilt mechanism
- Where appropriate, external security lighting should be set on motion sensors

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Drawn Apprvd.

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