



Our Reference: SY180989
Your Reference:

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14 September 2020

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Trinity Grammar School
c/o Bloompark Consulting
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Attention: Mr Peter Brogan

ENGINEERS

MANAGERS

INFRASTRUCTURE
PLANNERS

DEVELOPMENT
CONSULTANTS

Dear Peter

**Re: Trinity Grammar School Renewal
119 Prospect Rd, Summer Hill NSW 2130
State Significant Development Application (SSD 10371)
Lighting and Lighting Control Strategy – EIS**

As per the EIS, environmentally sensitive lighting is to be designed in accordance with the following proposed signage:

DA502-Signage blade wall

DA503-Lift tower signage

Details of this lighting including lux levels will be provided.

The latest published Australian Standards that are current or to be applicable within the time frame of construction will be applicable, unless advised by the PCA for the use of specific Australian Standards referenced within the National Construction Code of Australia.

The lighting design will comply with the requirements of:

- AS 4282 - Control of the obtrusive effects of outdoor lighting

The lighting to be designed includes but is not limited to the following:

a. Obtrusive lighting control.

All luminaires will utilise LED technology lamps and the luminaire's reflector will be designed specifically for LED lamp sources.

External Lighting

Lighting will be controlled via a combination of photo electric cells and time switches with a manual override control.

Light fittings shall be provided with a finish to the school and architect's colour scheme requirements.

All external lighting will be designed to have less than 1 lux light spill within 2 metres of the boundary, and will be lighting, which is aligned with any sensitive boundary areas, will be shielded to negate any discomfort glare issues with neighbouring properties.

External Lighting shall generally be low height, low intensity and discreetly positioned so as to avoid spill lighting and compliance with AS / NZS 1158.3.1 and AS 4282.

Should you need any additional information, please do not hesitate to contact the undersigned.

Yours faithfully,
ACOR Consultants Pty Ltd

A handwritten signature in black ink, appearing to read 'PK' or similar initials.

Patrick Kniest
Electrical Engineer