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ARUP

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St Aloysius' College: Burton St – Junior School Campus, Fire Engineering

This letter considers the fire safety design of the refurbishment and extension of St Aloysius' College Burton St – Junior School Campus located at 29 Burton Street, Kirribilli and specifically those aspects of the fire safety design that impact upon planning and hence SSDA issues for the building.

The Building

The building is a junior school consisting of 4 storeys, with 1 basement level and 3 above ground levels. The school is comprised primarily of teaching spaces in addition to a multi-purpose hall with a play area above, as shown on the architectural drawings by PMDL. It has an effective height of less than 25m.

The fire safety design of the building will generally satisfy the Performance Requirements of the Building Code of Australia (BCA) by complying with the Deemed-to-Satisfy (DtS) Provisions. The design as it stands has not been developed using performance based fire engineering to achieve compliance with the Performance Requirements of the BCA. There may be minor non-compliances which may arise as the design develops, however none that are foreseen to impact on the SSDA submission.

Conclusion

At this stage of the design, all fire safety aspects of the building appear to comply with the deemed to satisfy provisions of the BCA. It is anticipated that there may be other non-compliances with the DtS Provisions as the design develops, however it is considered that there are no issues that would affect the building layout arising from fire safety and hence no impediments to the relevant consent authority issuing development consent.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Alan Wilson'. The signature is fluid and cursive, with the first name 'Alan' and the last name 'Wilson' clearly distinguishable.

Alan Wilson
Associate