

30 March 2021

Enquiries: Lloyd Wilkinson
Lloyd.Wilkinson@stantec.com
Project No: PL796856

Christina Travers-Jones
Multiplex
22/135 King St
Sydney NSW 2000

Dear Christina Travers-Jones

RE: Mosman High School – DA Letter
745 Military Rd, Mosman NSW 2088

This letter relates to the Fire Safety design aspects of the proposed Mosman High School development of an Education, Sports and Performing Arts school building located at LOT: 1 DP:1268793, 745 Military Rd, Mosman NSW 2088, and specifically to those fire safety design aspects that impact on planning and correspondingly on Development Approval issues.

Project Description

The proposed development consists of the construction of a Class 5 and 9b School Building with a rise in storeys of five, Type A construction. The project includes:

- Demolition of Building B, Building C and part Building E;
- Removal of existing sports court and surrounding retaining walls and nominated trees;
- Construction of a new part 3/ part 4 storey building plus lift overrun and net enclosure to rooftop multi-court (Building G) on the corner of Military Road and Belmont Road providing:
 - administration and staff facilities;
 - multipurpose gym/hall;
 - library;
 - canteen facilities;
 - general and senior learning units;
 - science learning unit;
 - health / PE and performing arts unit; and
 - learning and admin support unit.
- Associated landscaping works including new outdoor play areas, a rooftop play space and rooftop multi-purpose court; and
- Relocation of the main pedestrian entrance from Military Road to Belmont Road.

A fire engineering review of the preliminary design has been undertaken by Stantec based on the following:

- Combined DRAFT Plans Mosman High School– Revision 1 ‘Sketch Freeze’, prepared by Woods Bagot dated 18 February 2021.
- BCA Assessment Report Revision 1 prepared by McKenzie Group dated 24 February 2021.

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.

However, there are some aspects of the design that are to be refined through performance-based fire engineering to achieve compliance with the Performance Requirements of the BCA.

Conclusion

Based on our review of the project drawings, it is concluded that the building would be able to comply with the Performance Requirements of the BCA without major changes to the current design.

Please do not hesitate to contact the undersigned if you have any queries.

Yours sincerely



Lloyd Wilkinson

Stantec

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