

2 November 2021

Turner and Townsend  
One Wharf Lane,  
Level 19, 171 Sussex Street,  
Sydney NSW 2000

**Attention: Tarini Pathak**

Dear Tarini

## **RESPONSE TO COMMUNITY COMMENTS**

Further to your request we have reviewed the following community responses and provide our response.

### **Item 1**

*Proper acoustic safeguards must be in place for the hall for after-hours community and school use.*

The hall will be naturally ventilated and this will require that operational controls be provided in order to protect the community from adverse noise impacts. Noise from the hall will vary depending on use and activities. It is generally expected that noise emissions breaking out from the hall for school activities during the daytime hours would not exceed the assessment criteria, however, for noisier activities the report notes that the eastern doors will be required to be closed for some activities. This is a noise management control that will be implemented on a case by case basis dependent on use.

There is increased likelihood of the noise criteria being exceeded for school or community events during the evening hours. Much of this can be mitigated by closing some or all of the doors, however there is no alternative mechanical ventilation provisions proposed as part of the design.

Following detailed design, noise levels from the various proposed uses can be revised and optimised once the acoustic containment of the building envelope and necessary openings is known. This would define the allowable uses and noise limitation during the evening hours to enable compliance with the applicable noise criteria.

As a further option, following consultation with the community, consideration could also be given to allowing a limited number of special events during the evening per year. These would be instances or events that while not in compliance with standard noise assessment criteria, could be considered as sufficient benefit to the community to allow limited occurrences.

### **Item 2**

*The Noise and Vibration Report notes it will be necessary to allow for external windows and doors to be closed when compliance with the EFSG criteria is required. It should be feasible to ensure that such spaces have an adequate outside air provision.*

The new building (excluding the hall) and refurbished classrooms will be air conditioned and mechanically ventilated. While designs of air conditioning and mechanical ventilation are the earliest stage of design and have not been reviewed by MDA, it is our experience that contemporary SINSW projects include a ducted air conditioning system. Such systems typically include a separate outside air provision such that the necessary fresh air is provided without requiring windows and doors to be opened. It is recommended that allowance for the fresh air provision be confirmed with the mechanical designers for the project and incorporated during the design stages for the project.



Yours faithfully

MARSHALL DAY ACOUSTICS PTY LTD



Simon Connolly

Associate