

# MEMORANDUM



**220015-NSPS-S4.55 Acoustic Review- R1**

**TO:** Cassandra Zughbi **DATE:** 10 March 2022  
**COMPANY:** Taylor Construction  
**FROM:** Ben White  
**SUBJECT:** **North Sydney Public School Upgrades**  
Acoustic Review of the Proposed Section 4.55 Changes

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## 1 INTRODUCTION

This report confirms that an acoustic review of the proposed changes and alterations to the North Sydney Public School upgrades and alterations has been undertaken which are proposed as part of the Section 4.55 submission of the project.

This assessment has been undertaken to assess the proposed changes to the previously approved development and the resulting impact on the acoustic performance requirements as well as the required acoustic design of the project.

## 2 PROPOSED PROJECT

The proposed project includes the alterations and additions to the North Sydney Public School, located at 182 Pacific Highway, North Sydney.

The project has previously been approved, including the SSD 11869481.

As part of the approved Development Application for the site a noise and vibration assessment has been undertaken for the site, including the Marshal Day *North Sydney Public School Upgrade, SSDA Noise and Vibration Assessment* with reference Rp 001 20210481 and dated 13 August 2021.

The proposed changes to the project to be included as part of the Section 4.55 submission to the development include the following:

1. Alterations to the proposed dimensions of the external windows to the proposed school buildings.
2. Other changes which do not include any acoustic consideration.

### 3 ACOUSTIC ASSESSMENT OF PROPOSED CHANGES

This assessment has undertaken a review of the proposed alteration to the development proposed as part of the Section 4.55 submission and the resulting impact on the proposed acoustic performance requirements and design of the project.

A summary of the proposed changes to the project and the resulting impact on the acoustic performance and design of the development are detailed below.

1. Proposed changes to the external window dimensions –

The proposed changes to the external window dimensions which are included as part of the Section 4.55 do not include acoustically significant alterations to the previous approval.

Based on the proposed external window dimensions to the buildings the required acoustic performance and recommended building constructions remain the same as those which have previously been included in the Marshal Day *North Sydney Public School Upgrade, SSDA Noise and Vibration Assessment* with reference Rp 001 20210481 and dated 13 August 2021 and approved as part of the SSD11869481.

Based on the details included above the proposed alterations to the North Sydney Public School project as part of the Section 4.55 submission the acoustic performance requirements and treatments previously included within the Marshal Day *North Sydney Public School Upgrade, SSDA Noise and Vibration Assessment* with reference Rp 001 20210481 and dated 13 August 2021.

## 4 CONCLUSION

This report details the acoustic review of the proposed changes and alterations to the North Sydney Public School upgrade development at 182 Pacific Highway, North Sydney which are proposed as part of the Section 4.55 submission of the project.

Based on the details included in this report the proposed alterations to the project as part of the Section 4.55 submission the acoustic performance requirements and treatments previously included within the Marshal Day *North Sydney Public School Upgrade, SSDA Noise and Vibration Assessment* with reference Rp 001 20210481 and dated 13 August 2021 remain suitable and accurate for the project.

If you have any additional questions, please contact the author below.

Regards

A handwritten signature in blue ink that reads "Ben White". The signature is written in a cursive style with a blue ink color.

Ben White  
Director  
Pulse White Noise Acoustics