

3 June 2025



Project No.: P00757

Alec Christofides
ADCO Constructions
Level 2, 7-9 West Street SYDNEY NSW 2000 North Sydney, NSW, 2000

E-LAB Consulting
Level 11, 117 York Street

Dear Alec,

**Forest High School
Modification 4, Stage 2 – Construction Noise and Vibration Impacts**

This letter has been prepared to review the construction noise and vibration impacts associated with the Forest High School Modification 4, Stage 2 works. We understand the school will be in operation during the public domain works involving the upgrade to the Allambie Road/Aquatic Drive intersection.

A Construction Noise and Vibration Management Plan (CNVMP) has been prepared by E-LAB Consulting for the Forest High School Modification 3 works (dated 30th April 2025). E-LAB has been advised by ADCO Constructions that the proposed works for Modification 4 Stage 2 will be closely comparable to the Modification 3 works (based on Drawing 231123_D2_SK108 – Public Domain Plans Stage 2 dated 27th May 2025). On this basis, we note:

- Noise from the Modification 4 Stage 2 works are expected to generate a similar level of noise and vibration impacts to noise sensitive spaces on the school grounds.
- The most affected spaces (closest to the northern boundary and in direct line of sight of the proposed works) have been identified in Section 5.5 of the CNVMP, and project specific recommendations are provided in Section 7.1. This includes:
 - Attended noise measurement or long-term noise monitoring at the commencement of works should be considered to determine the real-world construction noise levels. Where significant exceedances of the noise management level are recorded, further mitigation measures shall be investigated, including:
 - Selection of equipment with a lower sound power level or an alternate process.
 - Temporary hoarding at key locations to shield highly noise works.
 - Frequent and proactive communication with the school when in operation simultaneously with the public domain works. More details are provided below.
 - The contractor must co-ordinate with the school to schedule especially noisy works outside of noise-sensitive periods such as exams, music performances and assemblies;
 - Respite periods from especially noisy works must be provided and must include the school lunch period and at least one other hour during the school day;
 - The contractor must co-ordinate with the school to schedule, wherever practicable, noise sensitive activities away from the north and west facades of Blocks A, F and G which are in direct line of sight of the works zone; and
 - Especially noisy works must be scheduled outside of core school hours wherever practicable or where the above mitigation measures are not possible
 - Out of hours works shall be considered in the event the above mitigation measures above are not deemed effective, subject to the approval of the certifying authority.
- Further to the above, complaint handling procedures and community liaison methods are discussed in Section 7.2.

Where engineering and science inspire design. | 1 We understand the mitigation measures and procedures stated above have been undertaken for the Modification 3 works, and will continue to be implemented for the Modification 4 Stage 2 works to ensure the acoustic amenity of nearby noise sensitive receivers are maintained where reasonable and feasible.

This letter shall not be construed as relieving any other party of their responsibility.

Kind Regards,

E-LAB Consulting

A handwritten signature in black ink, appearing to read 'Brandon', with a stylized flourish at the end.

Brandon Notaras | Director

Acoustics and Vibration