

20240837.1/1107A/R0/LA

11/07/2025

Skyline Gardens Pty Ltd
11/20 Young Street
NEUTRAL BAY NSW 2089

Attn: Andrew Berwick

5 Skyline Place, Frenchs Forest (Jardin - Stage 2) Childcare Centre - Noise Impact Assessment Addendum - Awning

This letter has been prepared as supplement to the submitted Noise Impact Assessment in support of the proposal for the first floor fit-out of Jardin Stage 2 as a Childcare (Ref: 20240837.1/2611A/R2/SW, dated 26/11/2024). Specifically, this letter pertains to the proposal to include an awning above the playground to provide additional noise separation between children within the outdoor play area and the noise sensitive receivers within Jardin directly above the childcare. Reviewing the proposal, the awning is supported in principle, and the following is noted:

- The provision of additional screening between the outdoor play area and the receivers directly above the childcare centre will assist in attenuating operational noise impacts on the worst-affected receivers.
- The assessment methodology of the submitted Noise Impact Assessment is developed in reference to the *AAAC Guideline for Child Care Centre Acoustic Assessment*, Version 3.0, 2020.
- Note that noise emissions from the playground achieve the requirements for outdoor play within this document without the provision of the awning, and this is demonstrated within the Environmental Noise modelling presented within the submitted Noise Impact Assessment.
- Notwithstanding, the provision of the awning will provide additional noise attenuation from the use of the outdoor play area to the worst-impacted receivers relevant to the noise, i.e. those which are directly overlooking the play area.
- The awning as is currently detailed provides a significant reduction in the resultant predicted noise levels impacting these worst-case receiver locations.
- Additionally, the awning will provide some screening to some of the receivers to the north of the project site which overlook the play area, reducing resultant noise levels at this location as well.
- The design of the awning is supported by this office generally, and will provide additional acoustic comfort to surrounding noise-affected receivers.

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- Note that the awning should be solid and imperforate, and be constructed of min. 6mm FC, 9mm Perspex sheet or equivalent material.
- Awning construction should be continuous to the building structure, as to create separation between the play area and the worst-impacted receivers.
- Revised Environmental Noise Modelling with the inclusion of the awning has been provided within the appendix of this letter for comparison of resultant noise levels to surrounding noise sensitive receivers.
- The following management controls are recommended based on the revised design to achieve relevant project noise emission requirements:
 - The facility is not to exceed the 69 children capacity at any time.
 - Outdoor play areas can operate at maximum child capacity with restrictions of 4 hours of total play time on the duration of use between 7:30am – 6:00pm.
 - Operable windows and doors in indoor play areas may remain open at all times.
 - Signs reminding staff and visitors to minimise noise at all times shall be installed at ingress/egress points from the childcare centre.
 - All staff are to be given appropriate training in relation to acoustic impacts and requirements in terms of operation of the facility.
 - Management is to ensure that no more than the following number of children are allowed to be outside at a time during outdoor play activities. Ensure that the children are maintained within the separate play areas as outlined within the proposal plans.
 - 9 babies (0-2 years old)
 - 19 toddlers (2-3 years old)
 - 30 young kids (3-6 years old)
 - Install a contact phone number at the front of the centre so that any complaints regarding the centre operation can be made.
 - No amplified music systems are to be in use in external areas at any time.
 - Mechanical plant to operate only during operational hours (between 7:30am and 6:00pm).

We trust this information is satisfactory. Please contact us should you have any further queries.

Yours faithfully,



Acoustic Logic Pty Ltd
Lachlan Abood

APPENDIX A – UPDATED ENVIRONMENTAL NOISE MODELLING – OUTDOOR PLAY



Figure 1: Outdoor Play Noise Prediction to R1

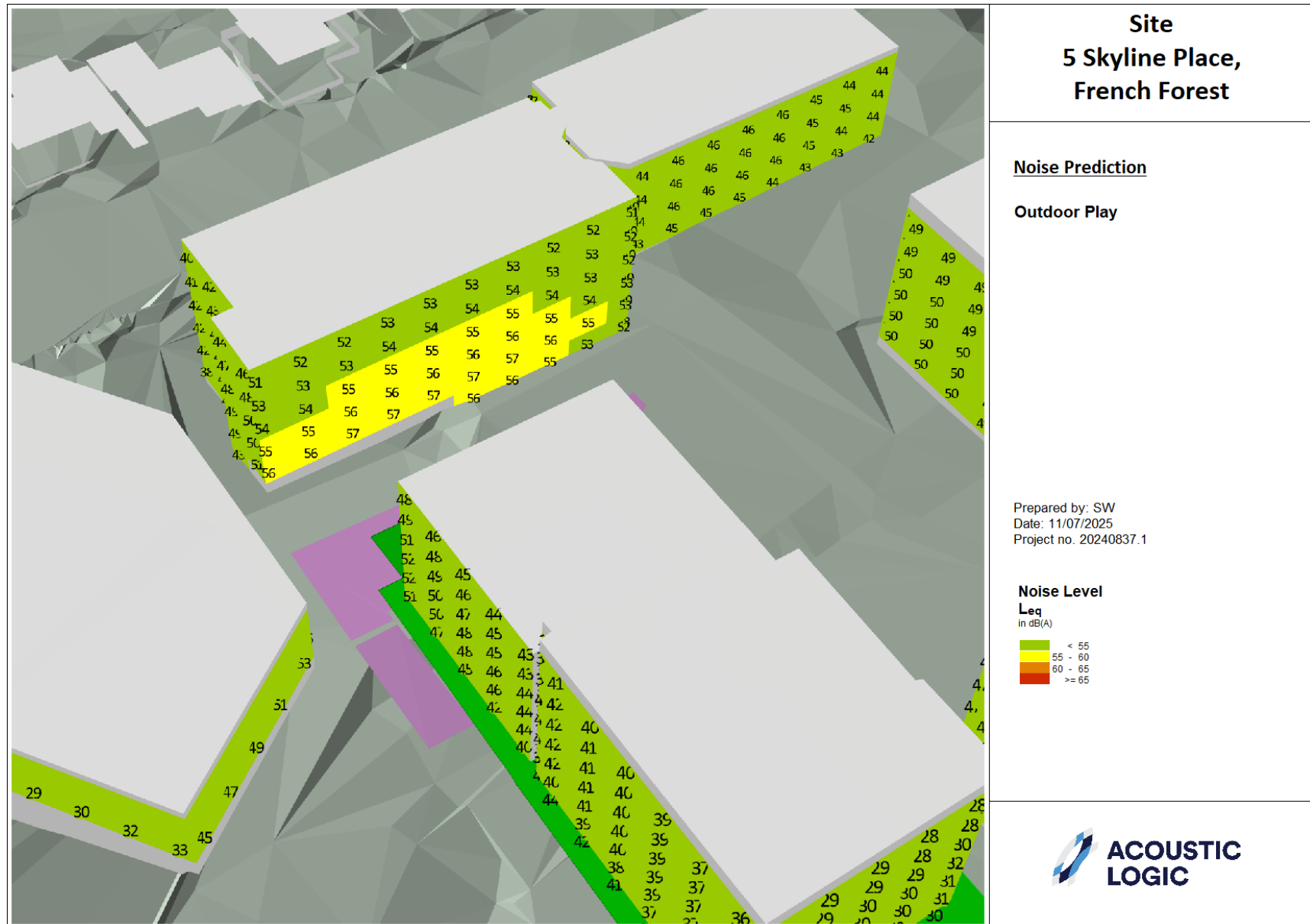


Figure 2:Outdoor Play Noise Prediction to R2

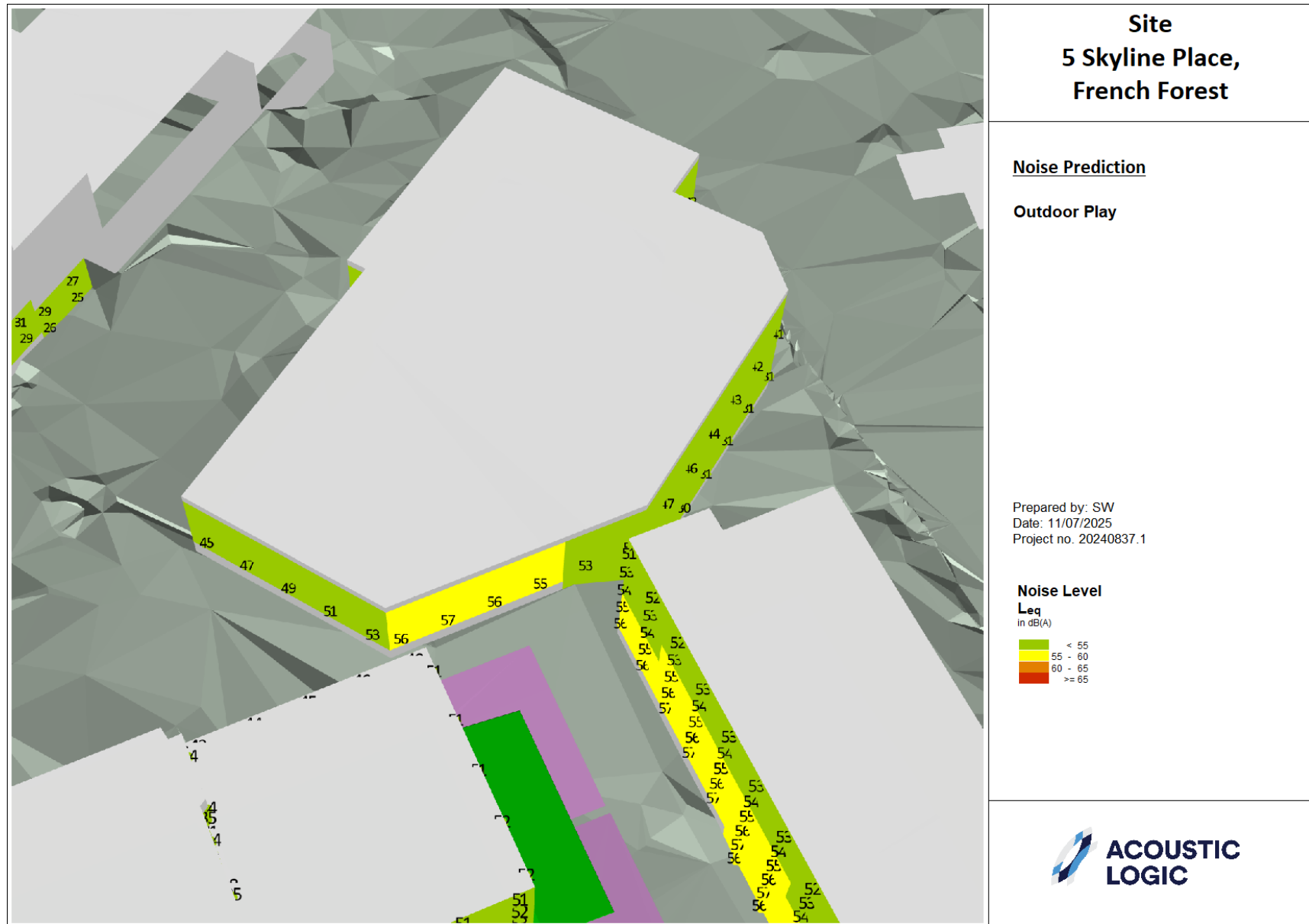


Figure 3: Outdoor Play Noise Prediction to C1

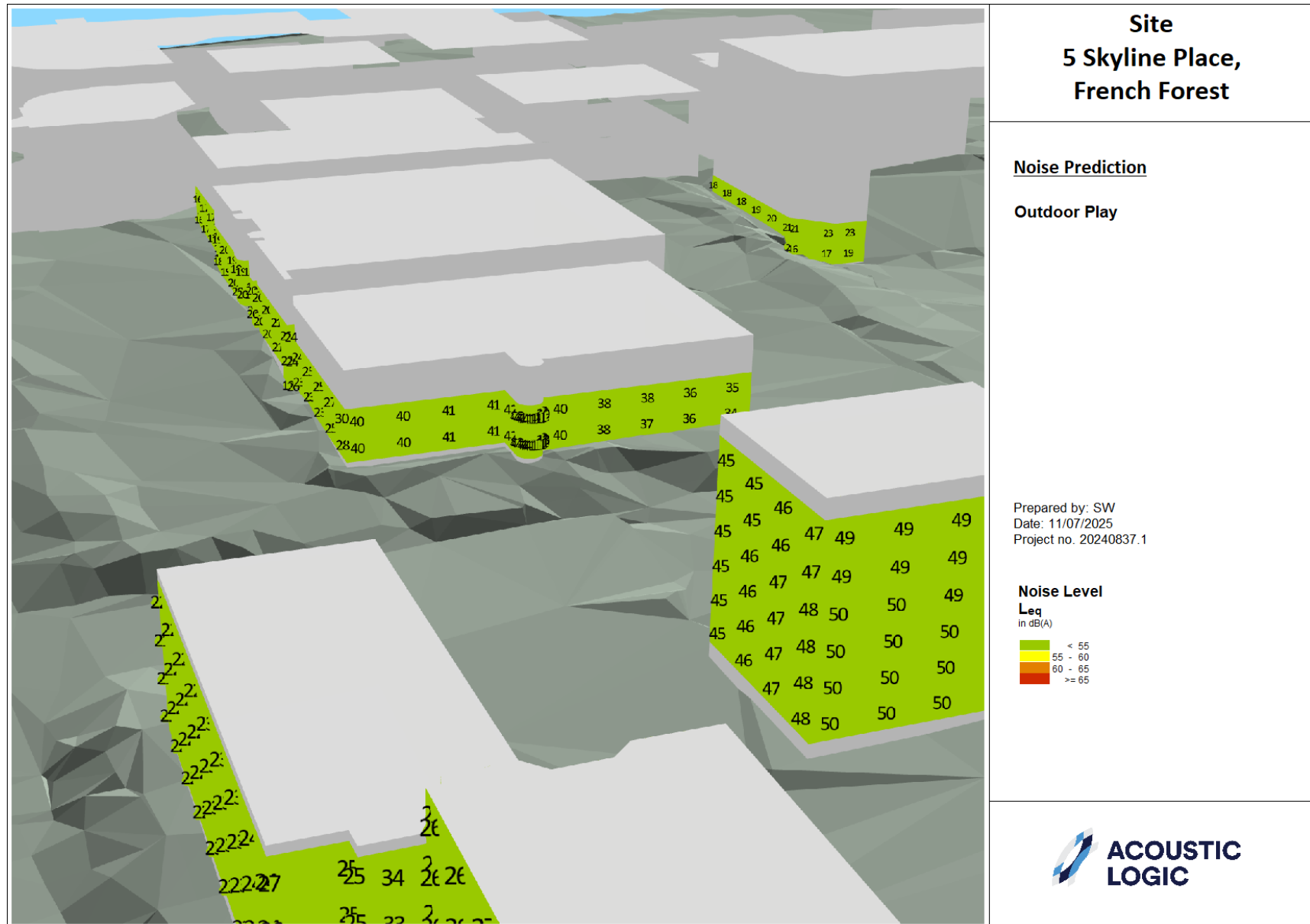


Figure 4: Outdoor Play Noise Prediction to C2