

# MEMORANDUM



230670\_Ashbury Terraces, Construction Noise \_BW\_R1

**TO:** Eugene Labra

**DATE:** 14 November 2024

**COMPANY:** MN Builders

**FROM:** Ben White

**SUBJECT:** Ashbury Terraces – Construction Noise Impacts

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This report confirms that an acoustic review of the potential for the completion of concrete finishes and the resulting noise impacts resulting from the use of the appliances which may be undertaken outside the currently approved working hours including the following:

1. Finishing of concrete pours which may required works to extended beyond approved working hours.
2. Use of concrete helicopters for finishing.
3. Hand trowels used in the finishing of concrete slabs.
4. Washing and clean up of equipment.

As part of the proposed activities to be undertaken outside of the approved working hours activities which will not be conducted (with the potential for high noise emissions) include those including the following:

1. Concrete trucks
2. Concrete pumping
3. Concrete vibrating

The use of construction appliances which generate high noise levels (and generally can result in annoyance to neighbours) such as the pumping of concrete, concrete vibrating and the like has been programmed to occur between regular statutory construction hours of 7am to 5pm.

Activities such the set up and shutdown of pumps, relocation, wash down and pack up has been programmed for the out of hours request, namely 6.30-8am and 5-8pm, which include those activities which generate lower noise levels.

The finishing of the concrete surface using pole trowels (hand held) and concrete helicopters will occur between 3pm to 8pm. Concrete helicopters include a piece of light construction equipment used to mechanically seal and finish the concrete slab, essential in the slabs curing process and generate relatively low noise levels.

Based on the proposed works to be undertaken outside of the approved working hours, the following mitigations and management controls would also be included:

1. The use of the proposed construction activities would be undertaken when required to complete construction pours and is not proposed to be undertaken as part of the normal practice of construction of the project.
2. Where possible works would be undertaken with a maximum distance from the neighbours to the north of the site during periods outside of the approved working hours.
3. Acoustic screening to the north of the site will be provided to the project scaffolding. The screening would include a solid material which can be installed to the scaffolding similar to that such as plywood, FC sheet, loaded vinyl or the like.
4. Noise levels resulting from the use of the construction activities can be mitigated based on possible management and staging controls including locating equipment and the types of equipment being used outside of the approved working hours.

As part of the normal construction management requirements the site is required to include a contact for any complaints and person for contact during all periods when works are proposed to be undertaken on the site.

Based on the proposed works to be undertaken as part of the concrete finishing at the site and the proposed management and mitigations detailed in this report the resulting noise levels outside of the approved working hours will be acoustically acceptable and will not result in unacceptable noise levels.

For any additional information please do not hesitate to contact the person below.

Regards



Ben White  
Pulse White Noise Acoustics  
Director