

Memorandum

To: Sebastian Barrett on behalf of Wellington City Council

From: Richard Turner

Date: 25 November 2020

Re: **Further Information Response – 26 Donald Street and 37 Campbell Street, Karori, Wellington**

This memorandum is provided in response to your recent correspondence dated 5 November 2020 regarding the Further Information Response on behalf of Ryman Healthcare dated 15 October 2020 and the remaining outstanding Section 92 matters.

Please find attached a copy of the Construction Noise and Vibration Assessment prepared by Marshall Day Acoustics (**Appendix A**). This report provides an assessment of the predicted noise and vibration levels for the construction phases of the Proposed Village in accordance with the New Zealand Standard NZS 6803:1999 “Acoustics-Construction Noise”.

In summary, the report concludes:

- For the majority of the construction works, compliance with the 70 dB L_{Aeq} noise limit can be achieved;
- There will likely be some residual activities that generate noise levels above the 70 dB L_{Aeq} noise limit for a limited duration (e.g. concrete cutting, piling in close proximity to the boundaries for no more than a week);
- A temporary noise barrier is recommended to be installed around the site perimeter;
- Where high noise equipment is used close to a sensitive boundary or where receivers are not easily shielded, the assessment recommends the utilisation of localised barriers where they would be effective and practicable; and
- It is recommended that a Construction Noise and Vibration Management Plan (“**CNVMP**”) be prepared prior to the commencement of construction activities on the site and implemented throughout the construction period. The CNVMP would include communication procedures which are identified in the assessment as an important tool for managing construction noise and vibration effects.

Overall, the assessment concludes that the construction noise levels will generally be complied with. If exceedances do occur the assessment identifies that these exceedances will only occur during the noisy construction activities identified and only for intermittent and / or limited durations during the construction period. Where it is practicable to shield these noisy construction activities additional temporary noise barriers are proposed.

Ryman support the recommendation for the development of the CNVMP and this is proffered as a condition of consent.

In conclusion, while the assessment identifies there may be some intermittent exceedances of the construction noise limit, these exceedances will only be for very limited periods of time. The construction noise effects are considered to be consistent with general construction projects in suburban areas and the Construction and Vibration Noise Assessment prepared by Marshall Day Acoustics does not change the overall conclusion of persons considered to be adversely affected to a minor extent in accordance with Section 95E(1) of the RMA as set out in Section 8.1.3 of the Assessment of Environmental Effects.¹

The second matter that you have requested further information relates to geotechnical information that is required to complete the geotechnical review.

Please find attached the memorandum from Tonkin & Taylor (**Appendix B**) providing a summary of the additional information in relation to the factual geotechnical information, the liquefaction analysis, and the importance levels and design life of the different structures assumed in the liquefaction analysis. A copy of the geotechnical site investigations report that was undertaken in early 2019 is appended to the Tonkin & Taylor memorandum.

¹ Ryman Healthcare Limited – Proposed Comprehensive Care Retirement Village, Karori, Wellington Assessment of Environmental Effects – September 2020