

29 March 2018

TJ962-01F03 Response to Request (r0)

Samuel Newman

KDC Planning and Property

Dear Samuel

42 Honeysuckle Drive, Newcastle - Response to Request SSD 8440

Renzo Tonin & Associates have reviewed the Request for Response to Submissions for SSD 8440 from Ben Lusher dated 15/03/18.

In response, a revised Acoustic Assessment for Development Application, Revision 3, has been prepared. The revised report includes the following:

- Assessment of noise and vibration from the operation of the new light rail line to the south of the subject site, based on the findings of the Transport for NSW "Newcastle Light Rail Review of Environmental Factors" (April 2016). As a result of this review, the glazing on the Southern façade has been upgraded to Rw32 (from Rw28).
- Assessment of noise and vibration impacts from the use of the carpark on adjoining land users based on the Traffic Report by Intersect Traffic. Vibration impacts to adjacent sites are predicted to be minimal. Recommendations have been made to mitigate structure borne vibration within the building itself from use of the carpark. External noise emissions to the nearest residential and commercial receivers external to the site are predicted to be acoustically acceptable without additional treatment. External noise emissions from use of the carpark to residential receivers above and Hotel rooms are predicted to be acoustically acceptable without additional treatment.
- In respect of the acoustic separation of the residential apartments and the hotel suites, the particular internal acoustic design will be undertaken during the detailed design stage, for compliance with the National Construction Code of Australia 2016 (and client specific requirements where over and above the NCC). The National Construction Code of Australia 2016 requirements have been presented in the acoustic report, revision 3, including reference to the later design stage when the particular constructions will be determined.

Regards,

A handwritten signature in blue ink that reads "Pearce". The signature is stylized with a large, looped initial 'P'.

Hilary Pearce

Senior Engineer

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