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20190000/0123A/R1/TT

6/2/2019

Humel Architects

ATTN: DAVID WALKER

8 Coastview Place, Freshwater – Pool Plant Noise

We have been asked to comment on pool plant and equipment proposed to be installed at the above site.

With respect to this we note:

- The equipment is proposed to be installed in a foundation space on the “Mid Floor” level of the proposed development – see Humel Architects drawing DA03 Rev D.
- The nearest noise sensitive to the north-east (6 Dick Street to the north, 2 Coastview Place, to the south).
- Noise from plant and equipment is addressed in section D3 of the Warringah DCP. The DCP requires that noise from pool plant should not exceed background noise levels by more than 5dB(A).

On review of the placement of the proposed equipment, compliance with the above objective will be achievable:

- The proposed equipment will be located centrally within the site.
- The equipment consists only of filtration equipment (as opposed to heat pumps), and this being the case there is no ventilation opening required in the enclosed foundation space.
- Given the masonry wall construction bounding the foundation space, and the fact that there is no ventilation opening required for this type of equipment, noise from the filtration equipment will be inaudible at nearby development and therefore compliant with the noise emission requirements detailed above.

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We recommend that the equipment is mounted on Embelton NR mounts to ensure that there is no perceptible vibration transmitted either within 8 Coastview Place, or to adjacent development.

Please contact us should you have any further queries.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'T. Taylor', with a stylized flourish at the end.

Acoustic Logic Consultancy Pty Ltd
Thomas Taylor