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27/06/2019

Principal Healthcare Finance Pty Limited ATF Principal Healthcare Finance Trust
Level 27
135 King St
SYDNEY NSW 2000

Attn: Emmanuel Ghali

Opal Seaside, 184 Garden Street Warriewood - Acoustic Impacts of Deck Height Increase

Acoustic Logic Consultancy (ALC) have been asked to comment on acoustic impacts flowing from proposed design changes to the height of the Staff Courtyard on the western boundary of the Opal Seaside development. The following comments are specifically made on the proposed increase in height of the Staff Courtyard on the western boundary.

With respect to the proposed design changes:

- A noise screen 2.1m from the finished level of the deck is proposed in order to attenuate noise from users of the terrace to the residents to the north.
- At present, the currently documented finished floor level of the Staff Courtyard is 5.46m.
- We note that in order to address access requirements, the floor level of the Staff Courtyard is proposed to increase from 5.46m to 6.16m.
- The height of the noise screen (being 2.1m above finished floor level of the Staff Courtyard) does not change.
- There will be no significant change in noise emission from the use of the terrace area result of the increase on floor level of the Staff Courtyard:
 - Noise emitted to the Level 1 windows of the nearest dwelling (14 Banksia Parade) will remain the same as under the previous scheme.
 - Noise emitted from the Staff Courtyard to the Ground Floor and outdoor areas of 14 Banksia Parade will marginally decrease as a result of the increase in floor level of the courtyard.

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As such, the proposed changes in the s4.55 application will be beneficial from an acoustic viewpoint.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Weber Yeh', is positioned below the 'Yours faithfully,' text.

Acoustic Logic Consultancy Pty Ltd
Weber Yeh