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12/02/2020

The Trustee for Skylife Coward Property Trust

Attn: Dominic Biancardi

253 Coward Street, Mascot - Atrium Acoustics

This letter is in response to the Council's acoustic concerns regarding the atrium in the proposed development.

Atria generally have a low population density and large volumes. Hence noise from people talking within the atrium will be diffused around the atrium and reach the office space at a much reduced noise level. Reverberation will also reduce the intelligibility of speech generated in the atrium (and vice versa). For example, conversation in the atrium will be at a lower level and be less intelligible than conversation from other occupants in the surrounding office space.

Placing absorptive surfaces at the ceiling of the offices near the atrium assists in absorbing sound coming off the atrium and minimises penetration into the office space. Absorptive treatment of the roof above the atrium (if practical) can also assist. It is noted that the office space opening onto the (with absorptive ceilings and carpeted floors) acts as a "natural" absorber of sound for the atrium so the effect of any additional treatment to the walls and roof will be less significant.

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

Yours faithfully,



Acoustic Logic Consultancy Pty Ltd
Victor Fattoretto

SYDNEY
9 Sarah St
MASCOT NSW 2020
(02) 8339 8000

ABN 11 068 954 343
www.acousticlogic.com.au

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