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2008686.4/2005A/R0/BW

20/05/2013

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**ATTN: MR MICHAEL GOLDRICK**

**Frasers Broadway Blocks 1 and 4 - Acoustic Design**

This letter confirms that an acoustic review of the proposed development located on Blocks 1 and 4 within the Frasers Broadway development has been undertaken by this office.

A Noise Impact Assessment has been undertaken on the proposed development which has been presented within the report dated 21<sup>st</sup> December, 2012 Ref: 20121117.1/2112A/R1/BW.

This letter confirms that the project's design includes the following which are discussed below:

- Noise impacts associated form the use of the premises, in addition to the mechanical plan (such as the use of the terraces etc).

The acoustic design of the project includes the suitable environmental criteria for noise levels generated on the site. It is noted that noise generated on the external terrace would not typically fall within the legislative criteria for the site and it is not a licensed area or commercial activity. However, the project management controls include a restriction on the hours of operation (such as external terrace closed after 10pm) of the external terrace to ensure noise levels do not impact surrounding receivers.

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- Details of how the outdoor areas will be managed/appropriate hours of operation based on acoustic impact and patron/student numbers.

The proposed external areas of the project will be controlled based on management controls such that the external terrace and the like are closed after 10pm.

Based on the proposed management controls and building construction the proposed noise generated from the use of the outdoor terraces on the upper level and level 1 of the proposed development will not negatively impact the amenity of the existing and future planned uses to other blocks within the Broadway development site (including Block 8).

- Consideration of the internal amenity to the rooms and mitigation measures (consideration of road noise) as well as acoustic impacts and mitigation measures between units within the building (east and west wing) and Block 1 and Block 4N.

The acoustic design of the project will be undertaken such that internal noise levels from environmental noise comply with criteria as detailed within the Australian Standard AS 2107:2000 and the Central Sydney DCP. The Noise Impact Assessment conducted at the site and provided includes the recommended acoustic treatments to ensure internal noise levels comply with the relevant criteria.

The acoustic design of the internal building elements separating units will be conducted such that compliance with the minimum requirements of the BCA are achieved. The party walls within the project will be designed to achieve a minimum of  $R_w + C_{tr} 50$ .

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

Yours faithfully,



Acoustic Logic Consultancy Pty Ltd  
Ben White