

# ACOUSTIC LOGIC CONSULTANCY

noise and vibration consultants  
abn 11 068 954 343

Reference: 2006520/1408A/R0/VF

14 August, 2009

## PROJECT STAR – PIRRAMA ROAD FAÇADE ALTERNATIVE DESIGN PROPOSAL – SECTION 75W SUBMISSION

An assessment of potential noise impacts related to the alternative design proposal for the Pirrama Road Façade have been assessed by comparing the proposed scheme to the approved scheme. Consent conditions for the approved scheme make reference to the following pre-approval assessments:

- Arup Acoustic Assessment Report dated September 2008
- Bassett letter dated 3<sup>rd</sup> December 2008
- and the Operation Noise Management Plan (for the whole complex) undertaken by Bassett (4<sup>th</sup> March 2009).

The proposed changes to the façade have been assessed by comparing the current proposal with the approved proposal and the related acoustic assessments and recommendations to determine if:

- current proposal changes the potential for noise impacts
- any additional measures are needed to prevent any adverse impacts arising from any proposed changes.

The assessment indicates the proposed façade design proposal would not increase noise emissions to the most impacted receivers provided the following recommendations regarding the roof terrace are adopted:

*The underside of the roof canopy should be highly acoustically absorptive with a minimum NRC of 0.85 and the intended uses of the roof deck would need to be managed in compliance with the limits/controls stipulated in the Noise Management Plan.*

Yours faithfully,



ACOUSTIC LOGIC CONSULTANCY PTY LTD  
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