

MANAGING DIRECTORS

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DIRECTORS

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20101130.2/1807A/R0/GW

18/07/2013

Capital Corporation

ATTN: MARIA PASSAFARO

Stage 1A and 2, Site 43/44 Mixed Commercial and Retail Development, 6 Australia Ave & 2 Herb Elliot Ave, Sydney Olympic Park - Response to NSW Planning & Infrastructure

This letter responds to the NSW Planning & Infrastructure letter with reference number SSD 12_5676 & SSD 12_5677.

The letter requested that *an assessment of the acoustic impact from major events and any mitigation measures proposed to attenuate Stage 1A and 2 buildings from impacts from major event noise and submission of a sediment and erosion control for Stage 1A.*

Internal Noise Criteria

The internal noise levels shall comply with the requirements of Australian Standard AS2107-2000 and Green Star Criteria which have been presented in the previous acoustic reports and repeated below:

Building Services Design

- within the entire base building general office space, noise from the building services does not exceed 40dBA L_{eq}

Overall Building

- where within the base building office space, the sound level does not exceed 40dB(A) L_{eq} (assuming open plan offices).

Major Event Noise Source

The major event noise source data have been addressed in the previous acoustic reports and detailed below:

SYDNEY

A: 9 Sarah St Mascot NSW 2020

T: (02) 8339 8000

F: (02) 8338 8399

SYDNEY MELBOURNE BRISBANE CANBERRA

LONDON DUBAI SINGAPORE GREECE

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Measured noise levels for various events which this office has been involved are detailed in the table below. In all cases the measured event and location of the event is detailed. The noise levels detailed below have been used as the basis of the noise impact assessment on the future development.

Table 1 – Measured Event Noise Levels

Event	Location	Noise Level L_{eq} (15 min) dB(A)
Sydney Olympic Park – NRL Grand Final 2009	Olympic Boulevard within 100m of stadium	Up to 72
Music Concert at the SCG in 2007	Neighbouring properties on Moore Park Road within close proximity	Up to 73
Sporting Event (AFL Game) held at the SCG, 2008	Neighbouring properties on Moore Park Road within close proximity	Up to 70

Noise Mitigation Solutions

Noise intrusion from typical major events within Olympic Park and Stadium have been reviewed based on the noise data above into the buildings of Stage 1A and Stage 2 has been reviewed and findings are below:

- Acoustic treatments recommended in the previous acoustic reports are sufficient and do not need to be upgraded. Internal noise levels within Stage 1A and Stage 2 will fully comply with the requirements of AS2107-2000 and Green Star Criteria with the recommended acoustic treatments in Section 4.6 of previous acoustic reports provided by this office with reference number: 20101130.2/1807A/R0/GW.

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

Yours faithfully,



Acoustic Logic Consultancy Pty Ltd
George Wei

Senior Acoustic Engineer