

15 July 2014



McKenzie Group Consulting Planning
(NSW) Pty Ltd

ACN: 146 035 707

Level 6, 189 Kent St, Sydney NSW 2000

Tel: 02 8298 6800 Fax: 02 8298 6899

email@mckenzie-group.com.au

NSW Department of Planning & Environment
23-33 Bridge Street
Sydney NSW 2000

Section 75W Modification Application (MP07_0158 – MOD4) – Abercrombie Precinct Re-development

Attention: Peter McManus

Dear Peter,

Reference is made to the correspondence dated 27 June 2014 in respect of the proposed noise mitigation measures for the extended construction hours for the Abercrombie Precinct.

Following review of the Departments request, John Holland Group has engaged Marshall Day Acoustics to prepare an expert response to address the matters raised.

The findings of this report are attached as **Appendix 1** and confirm that once fully enclosed, the building facade together with the proposed mitigation measures identified in the previous report will reduce the noise emissions from the site to the noise management level of 48dBA at the nearest noise sensitive receiver.

Specifically, the facade will be constructed will primarily be constructed of a double glazed unit made up of 6mm glass / 12mm air gap / 11.52mm laminated glass. Design details specifications have been enclosed as part of the addendum report prepared by Marshall Day.

John Holland is committed to ensure that all necessary measures are employed throughout the construction process to achieve compliance.

Based on the above, the modifications are worthy of support by the NSW Department of Planning and Environment and suitable conditions can be imposed under the modified instrument of approval.

Should you require further information, please contact the undersigned.

Yours faithfully,

A handwritten signature in blue ink, appearing to read "Andrew Cowan".

Andrew Cowan
Senior Planner
McKenzie Group Consulting Planning (NSW) Pty Ltd
ACN 146 035 707

Appendix 1

Addendum Report – Marshall Day Acoustics

9 July 2014

John Holland Pty Ltd
Level 3, 65 Pirrama Road
Pyrmont NSW 2009

Attention: Dominic Begley

Dear Dominic

ABERCROMBIE PRECINCT REDEVELOPMENT - OUT OF HOURS CONSTRUCTION NOISE ACOUSTIC CONFIRMATION

Marshall Day Acoustics Pty Ltd has previously conducted an assessment of noise emissions associated with internal construction activities proposed to occur out of typical construction hours (refer Rp001 r00 2013244SY dated 11 July 2013 and Lt001 R03 2013244SY dated 27 March 2014). A Construction Noise and Vibration Management Plan also formed part of this report.

It is understood the Principal Certifying Authority has requested confirmation that the proposed mitigation measures will provide sufficient mitigation to achieve the noise management levels at the nearest residential receivers as defined in our report Lt001 R03 2013244SY.

In order to confirm the acoustic attenuation achieved by the building facade, additional details of the building facade construction have been provided by John Holland. It is understood the facade will primarily be constructed of a double glazed unit made up as follows:

- 6mm glass / 12mm air gap / 11.52mm laminated glass

This glazing system is expected to achieve a sound insulation rating of $R_w 42$, which is significantly higher than the minimum attenuation of the facade assumed in our initial assessment.

The glazing will be the weakest element of the facade, with the remainder of the facade being of lightweight construction with a sound insulation performance greater than $R_w 45$. Facade construction details are provided in Appendix A.

We confirm that once fully enclosed, the building facade together with the proposed mitigation measures identified in our previous report will reduce the noise emissions from the site to the noise management level of 48dBA at the nearest noise sensitive receiver.

We trust this information is satisfactory. If you have any further questions please do not hesitate to contact us.

Yours faithfully

MARSHALL DAY ACOUSTICS LTD

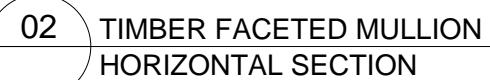


Sandy Marshall

State Manager

APPENDIX A FACADE DETAILS

- SD FACADE SPECIFICATION (LATEST REVISION)
- GENERAL NOTES PAGE SK-FT-000
- ARCHITECTURAL DRAWING FOR SETTING OUT



C	28.11.13	ISSUED FOR TENDER	SW		
B	25.10.13	ISSUED FOR TENDER	SW		
A	13.09.13	ISSUED FOR TENDER	GMc		
Rev	Date	Revision Details	Dwn	Ver.	App.

Surface Design

ABN 19 570 343 498
68 York Street, Sydney
New South Wales 2000 Australia
T: +61 2 9249 1400 E: info@surfacedesign.com.au

Client :	
----------	--



ARCHITECT :

KANNI INCH

Project Address:

ABERCROMBIE PRECINCT
REDEVELOPMENT

ABERCROMBIE PRECINCT, DARLINGTON,
NSW 2008

Drawing Title:

TYPICAL TIMBER MULLION VISION

FACADE TYPE WD-01

Drawn SW	Signed	Date	Verified	Signed	Date
Designed GMC	Signed	Date	Approved BMD	Signed	Date
Project No. 12078-001				Scale: 1:2	Sheet Size A3
Drawing No. SK-WD01-001				Revision: C	

