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09/02/2015

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**ATTN: MR MICHAEL GOLDRICK**

**Central Park - Block 4N - Review of Comments**

This letter confirms that an acoustic review of the comments received regarding the Noise Impact Assessment for the project from the City of Sydney Council in their letter (Ref: R/2014/33/A) in response to the Block 4N SSSDA have been conducted by this office.

Responses to the comments raised by council are detailed below:

***Noise Impact Assessment***

*The City has assessed the Noise Impact Assessment prepared by Acoustic Logic and requests further information. The assessment does not refer to weather conditions during the monitoring period. The consultants should have recorded the weather conditions at the site and adjusted data when weather conditions were unsatisfactory.*

*The standard noise condition referenced in Part 5.2.1 of the assessment report is an out-dated condition. Mechanical noise should be assessed against the Council's current standard condition. The following amendments to the assessment report are recommended to address concerns:*

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- *Part 6.2.1.1 refers to a total of 90 children within the centre. Specify the maximum number of children in each outdoor play area and consider any noise break out from internal portions of the child care centre;*

The assessment has been undertaken based on the proposed number of children within the centre. The assessment has assumed that generally half the number of children which the centre could be shared within the external areas. That is 45 children using both of the external areas.

- *Part 6.2.3 refers to a 200mm floor slab above the child care premises. The consultant is to verify there will be 200mm concrete separation and make any necessary adjustments to the assessment if the slab is less than 200mm in thickness;*

As detailed in the assessment the floor slab is to be 200mm thick and no additional acoustic treatments are required.

- *Part 7.4.1 refers to activities associated with the site. The consultant is to address any excavation works, e.g. hydraulic hammers or saw cutting and any other processes associated with the excavation;*

Section 7 of the report details the requirements for the management of noise and vibration during the construction stage of the project (including excavation and construction). The report details the noise goals as well as the plausible and possible mitigation methods which can be adopted. Details of the specific construction methodology will be provided by the contractors conducting the works.

- *Part 7.7 is to include a statement that ensures a mail-out to likely affected occupants is done prior to works commencing. The statement must include predicted project time frames e.g. start date, summary of works divided into approximate time frames and date of completion;*

As detailed in Section 7.7.4 of the report community consultation and complaints handling is required during the construction stage of the project. This is to be implemented and maintained by the building contractor.

- *Part 7.8.2 should include wording such that additional respite periods will be provided if contingency plans cannot be satisfactorily implemented;*

As detailed in Section 7.7 of the report respite periods are not specifically required to mitigate noise during the construction of the project. Respite periods may be implemented to mitigate noise from specified work equipment once the construction programme and activities are known. This will be implemented by the construction contractors.

- *Additional mitigations measures in relation to construction noise are required to achieve a better outcome for nearby occupants; and*

Section 7 of the report details the construction noise and vibration management and details the noise goals as well as the plausible and possible mitigation methods which can be adopted. Details of the specific construction methodology will be provided by the contractors conducting the works.

• *There is no reference to predicted noise levels relative to background noise levels. Provide projected noise emission levels for each type of equipment and audibility of equipment at neighbouring premises so compliance with City of Sydney Construction Hours/Noise within the Central Business District Code of Practice 1992 may be determined.*

Section 7 of the report details noise goals of Background + 10 dB(A). Noise management will be implemented to mitigate noise levels to the neighbouring receivers.

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

Yours faithfully,

A handwritten signature in dark ink, appearing to read "B.G. White." with a trailing period.

Acoustic Logic Consultancy Pty Ltd  
Ben White