28 November 2023

#### REFERRAL RESPONSE – ENVIRONMENTAL HEALTH

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| FILE NO: | **Development Applications:** 477/2019/2 |
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| ADDRESS: | 30 Alma Street PADDINGTON 2021 |
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| PROPOSAL: | Modifications to the approved scheme |
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| FROM: | Louie Salvatore |
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| TO: | Mr V Aleidzans |

1. **ISSUES**

* *Acoustics – Proposed Rock-Climbing Wall.*

1. **DOCUMENTION**

I refer to the following documents received for this report:

* Acoustic Impact Report: prepared by Renzo Tonin & Associates – White City Redevelopment Stage 2 (LEC 2020/64018)-Section 4.56 Application-Proposed Climbing Wall. Document Reference No. TL936-04F01 Climbing Wall Noise (r0) dated 22 November 2023.
* Supplement to The Plan of Management – White City Redevelopment November 2023.

1. **RESEARCH**

The following research was undertaken in the preparation of this assessment:

* A site inspection was carried out on the following date: #*Insert/delete as appropriate*

1. **SUMMARY OF PROPOSAL**

Redevelopment of White City for a multipurpose sports centre and registered club facilities.

1. **ASSESSMENT**

Comments have been prepared on the following. **Where Approval is recommended, Conditions of Consent follow at the end of the comments.**

**a) Acoustics**

**Environmental Health – Review**

**Review of Acoustic Impact Report: prepared by Renzo Tonin & Associates – White City Redevelopment Stage 2 (LEC 2020/64018)-Section 4.56 Application-Proposed Climbing Wall. Document Reference No. TL936-04F01 Climbing Wall Noise (r0) dated 22 November 2023.**

The proposed climbing wall is to be constructed along the northern edge of the two outdoor basketball courts. The climbing surface would be on the southern side of the wall. When the climbing wall is in use, the northern of the two basketball courts will not be used.

The operating hours for the climbing wall are the same as those specified in the Consent for

the multi-use courts, specifically, 7am to 10pm Monday to Saturday and 8am-10pm Sunday

and Public holidays. The maximum number of people climbing at any one time will be limited to ten (10). This is fewer than the number of players typically involved in a basketball game.

* The critical noise receiver locations that were identified in the report (Renzo Tonin August 2021 Rev 2) were the residences at 5 and 7 Lawson Street, which have the highest degree of noise exposure to the basketball courts.
* Noise from the use of the basketball courts was predicted to be 45dB(A)Leq(15min) at the Lawson Street residences, which complied with project noise goal of 49dB(A)Leq(15min) (Day) and 47dB(A)Leq(15min) (Evening).

The Report has assumed a group of 10-15 people, and 5 people speaking with raised voice at once, the sound power generated by the climbing wall would be 82-85dB(A), *significantly less than the basketball*, and noise emitted from the wall would be less than that generated by the basketball courts. If the climbing wall is in use, only one of the basketball courts can be used. The combined noise level of two basketball courts in use is louder than the noise that would be created by one basketball court and the climbing wall.

Noise modelling, based on two courts in use and the other on noise reflection from the timber climbing wall, the Report shows that the increase in noise level as a result of the **reflection off the new wall is 1dB(A).**

**Environmental Health – Conclusion**

Environmental Health is in agreement with the conclusions of the Acoustic Report presented by Renzo Tonin, in that:

* An increase in noise level of 1dB(A) would not be a perceptible change compared to the noise level predicted in the DA Stage acoustic report (being 45dB(A)lLeq(15min)).
* Even with the 1dB(A) increase in noise level, the noise emitted from the site will still comply with the permissible noise levels identified in the DA Stage Acoustic Report (being 49dB(A)Leq(15min) (Day) and 47dB(A)Leq(15min) (Evening).

In addition, the implementation of the Plan of Management November 2023 will ensure that the operating hours for the climbing wall are the same as those specified in the Consent for the multi-use courts, specifically, 7am to 10pm Monday to Saturday and 8am-10pm Sunday and Public holidays. The maximum number of people climbing at any one time will be limited to ten.

1. **RECOMMENDATION**

Council’s Environmental Health Officer has determined that the proposal is satisfactory, subject to the following conditions:

1. **GENERAL CONDITIONS**

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| **A.** |  | **Approved Plans and Supporting Documents** |
| Those with the benefit of this consent must carry out all work and maintain the use and works in accordance with both the architectural plans to which is affixed a Council stamp “Approved” and supporting documents listed below unless modified by any following condition.  Where the plans relate to alterations or additions only those works shown in colour or highlighted are approved.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Reference** | **Description** | | **Author** | **Date** | |  |  | |  |  | | White City Redevelopment Stage 2 (LEC 2020/64018)-Section 4.56 Application-Proposed Climbing Wall. Document Reference No. TL936-04F01 Climbing Wall Noise (r0) | | Acoustic Impact Report | Renzo Tonin | 22 November 2023 | |  | Supplement to the Plan of Management | | Hakoah | November 2023 | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  |   **Notes:**   * Warning to Principal Certifier – You must always insist on sighting the original Council stamped approved plans. You must not rely solely upon the plan reference numbers in this condition. Should the Applicant not be able to provide you with the original copy Council will provide you with access to its files so you may review our original copy of the approved plans. * These plans and supporting documentation may be subject to conditions imposed under section 4.17(1)(g) of the Act modifying or amending the development. |
| **Condition Reason:** To ensure all parties are aware of the approved plans and supporting documentation that applies to the development. |

1. **BEFORE DEMOLITION WORK COMMENCES**

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1. **ON COMPLETION OF REMEDIATION WORK**

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| **C.** |  |  |
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1. **BEFORE ISSUE OF A CONSTRUCTION CERTIFICATE**
2. **BEFORE BUILDING WORK COMMENCES**

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1. **DURING BUILDING WORK**
2. **BEFORE ISSUE OF AN OCCUPATION CERTIFICATE**
3. **OCCUPATION AND ONGOING USE**

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Louie Salvatore 28 November 2023

**Senior Environmental Health Officer Completion Date**