



DEVELOPMENT ASSESSMENT REPORT

Application No.	DA/2021/1164
Address	1 National Street ROZELLE NSW 2039
Proposal	Use of roof top terrace for cafe seating, ancillary to the existing first floor food and drink premises
Date of Lodgement	25 November 2021
Applicant	Local Approvals
Owner	Mr Nicholas Vagerakas
Number of Submissions	Initial: 12
Value of works	\$35,000.00
Reason for determination at Planning Panel	Number of submissions
Main Issues	Acoustic privacy and interface amenity impacts
Recommendation	Approval subject to conditions
Attachment A	Draft conditions of consent
Attachment B	Plans of proposed development
Attachment C	Acoustic Report



LOCALITY MAP

Subject Site		Objectors		↑ N
Notified Area		Supporters		

• Executive Summary

This report is an assessment of the application submitted to Council for the use of the roof top terrace for cafe seating, ancillary to the approved first floor food and drink premises at 1 National Street Rozelle.

The application was notified to surrounding properties and 12 submissions were received in response to the notification.

The main issues that have arisen from the application include:

- Acoustic privacy and interface amenity impacts

The non-compliances are acceptable, subject to condition, where the proposal meets the objectives of the *Leichhardt Local Environmental Plan 2013* and the Leichhardt Development Control Plan 2013. The application is therefore recommended for approval.

2. Proposal

The proposal consists of the use of the roof top terrace as ancillary dining to the existing approved first floor food and drink premises, including storage and wash up structure and food preparation space.

Proposed occupation of the terrace is as per the approved hours of operation for the first floor café use: 7:00 am – 7:00 pm Monday to Saturday and 9:00am – 6:00pm Sundays and Public Holidays)

The proposed maximum number of patrons to occupy the terrace at any one time is 16.

The proposal maintains a requirement of two staff at any one time.

The proposal also involves the upgrading of the existing non-compliant balustrade and the installation of 1.8m privacy and acoustic screening to the rooftop terrace.

3. Site Description

The subject site is located on the northern side of National Street. The site consists of a regular (rectangular) shaped allotment with a total area of 208.6sqm and is legally described as Lot 13 in DP2319.

The site is a corner allotment with a primary frontage to National Street secondary frontage to National Lane to the west. The rear of the property adjoins a public carpark.

The site supports a two storey commercial building. The adjoining properties support one and two storey mixed use, commercial and residential buildings.

The site is zoned R1 General Residential pursuant to the *Leichhardt Local Environmental Plan 2013* and is adjacent to B2 Mixed Use zoning.

The property is located within a heritage conservation area.

Figure 1 Zoning map



Figure 2 Street view of subject property (right), northern aspect



Figure 3 View from rear of property (southern aspect)

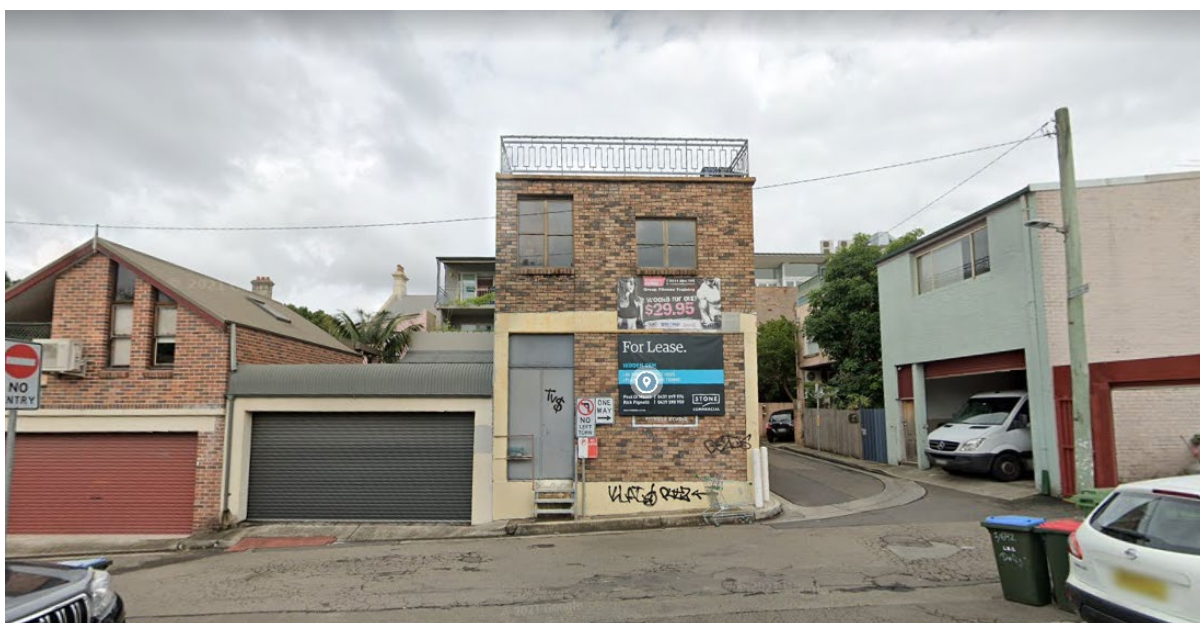


Figure 4 View of subject (right) and adjoining properties from National Lane (North aspect)



4. Background

4(a) Site history

The following application outlines the relevant development history of the subject site and any relevant applications on surrounding properties.

Subject Site

Application	Proposal	Decision & Date
CDC/2021/0051	Change of use to food and drink premises	Approved – 26/10/2021
D/2013/269	Change of use to takeaway premises (ground floor commercial building) with hours of operation 7:30am to 4pm, 7 days a week.	Approved - 30/10/2013

Surrounding properties

Not applicable

4(b) Application history

The following table outlines the relevant history of the subject application.

Date	Discussion / Letter / Additional Information
07/07/2022	Correspondence issued to applicant summarising the following issues raised with the proposal: Contravention with objectives of the R1 – General Residential Zone, particularly with respect to amenity of surrounding properties Non-compliance with Cl. 6.10 of the Leichhardt LEP – use of existing buildings Non-compliance with Part C4.5 of the Leichhardt DCP 2013 which relate to Acoustic Privacy/Interface Amenity impacts Having regard for the above, it was advised by Council that the proposal cannot be supported in its current form and recommended withdrawal of the application.
14/09/2022	Amended plans were provided reducing and restricting the area of use on the roof top terrace.

5. Assessment

The following is a summary of the assessment of the application in accordance with Section 4.15 of the *Environmental Planning and Assessment Act 1979*.

5(a) Environmental Planning Instruments

The application has been assessed against the relevant Environmental Planning Instruments listed below:

- *State Environmental Planning Policy (Resilience and Hazards) 2021*
- *Leichhardt Local Environmental Plan 2013*

The following provides further discussion of the relevant issues:

5(a)(i) *State Environmental Planning Policy (Resilience and Hazards) 2021*

Chapter 4 Remediation of land

Section 4.16 (1) of the SEPP requires the consent authority not consent to the carrying out of any development on land unless:

*“(a) it has considered whether the land is contaminated, and
(b) if the land is contaminated, it is satisfied that the land is suitable in its contaminated state (or will be suitable, after remediation) for the purpose for which the development is proposed to be carried out, and
(c) if the land requires remediation to be made suitable for the purpose for which the development is proposed to be carried out, it is satisfied that the land will be remediated before the land is used for that purpose.”*

In considering the above, there is no evidence of contamination on the site.

There is also no indication of uses listed in Table 1 of the contaminated land planning guidelines within Council’s records. The land will be suitable for the proposed use as there is no indication of contamination.

5(a)(ii) *Leichhardt Local Environment Plan 2013 (LLEP 2013)*

The application was assessed against the following relevant clauses of *the Leichhardt Local Environmental Plan 2013*:

- Clause 1.2 - Aims of the Plan
- Clause 2.3 - Zone objectives and Land Use Table
- Clause 4.4 – Floor Space Ratio
- Clause 4.5 - Calculation of floor space ratio and site area
- Clause 5.10 - Heritage Conservation
- Clause 6.4 - Stormwater management
- Clause 6.10 - Use of existing buildings in Zone R1

Clause 2.3 - Land Use Table and Zone Objectives

The site is zoned R1 General Residential under the LLEP 2013. *Food and Drink Premises* is a permissible land use within the R1 Zone. The proposal is for the occupation of the rooftop

terrace area, ancillary to the existing first floor food and drink premises and is therefore permissible with consent.

The objectives of the R1 – General Residential zone include:

To protect and enhance the amenity of existing and future residents and the neighbourhood.

The proposal is consistent with the above objective of the R1 zone where the rooftop dining floor space and capacity has been reduced such that it will not adversely impact upon the acoustic privacy of surrounding residential properties.

Privacy screening has been provided which will afford adjoining properties visual privacy.

Clause 5.10 Heritage Conservation

The subject site is located within the Valley Heritage Conservation Area (HCA).

The application was referred to Council's Heritage Specialist who has indicated that generally the proposal is acceptable as there is only a minor change to the rear of portion of the building which has no impact on heritage significance subject to conditions requiring the following amendments in relation to materials and finishes:

The majority of the glazing for the upper balcony floor privacy screen should be replaced with metal or timber screens as large areas of glazing in the Conservation Area are not characteristic within the HCA

Light, warm, earthy, tones are to be used for primary building elements/facades.

Having regard to the above, it is noted that the acoustic report accompanying the application has specified materials and finishes that ensure adequate acoustic amenity is maintained for nearby development, one of the finishes specified includes laminated glass for the balustrade which is to reach a height of 1.2 metres, the 600mm beyond this balustrade forms part of the privacy screen. Whilst glass balustrades may not be ideal for the HCA, it is acknowledged that this is a far more sympathetic option when compared to a concrete block wall or polycarbonate panel as prescribed by the acoustic consultant. The proposal is still able to achieve the above criteria described by Council's Heritage Specialist for the privacy screening portion of the development and a condition is included in the recommendation to this effect.

Clause 6.10 - Use of existing buildings in Zone R1

The objective of Clause 6.10 of the LLEP 2013 is as follows:

(iii) The objective of this clause is to provide for the adaptive reuse of existing buildings for purposes other than residential accommodation.

The following provisions under Clause 6.10 are considered relevant to the proposal:

(2) This clause applies to land in Zone R1 General Residential.

(3) Development consent must not be granted to development for the purposes of business premises, office premises, restaurants or cafes, shops or take away food and drink premises on land to which this clause applies unless—

(a) the development is a building that was constructed (wholly or partly) for a purpose other than residential accommodation and was erected before the commencement of this Plan, and

- (b) the consent authority is satisfied that—
- (i) the development will not adversely affect the amenity of the surrounding area, and
 - (ii) the development will retain the form and fabric of any architectural features of the existing building, and
 - (iii) the building is suitable for adaptive reuse, and
 - (iv) any modification of the footprint and facade of the building will be minimal, and
 - (v) the gross floor area of any part of the building used for the purpose of a restaurant or cafe or take away food and drink premises will be less than 80 square metres.

Based on the above, it is considered that the proposal (as amended) satisfies the Clause objectives as follows:

The proposal incorporates privacy screening and is supported by an acoustic report, which demonstrates that, subject to incorporating the recommended mitigation measures, the proposal will not adversely affect the amenity of the surrounding area, having regard to the proximity of nearby residential properties.

The capacity of the café will not be significantly increased such that it will have a discernible impact on the amenity of surrounding properties (potential max increase of 12 patrons).

The physical works necessary to achieve acoustic satisfaction and mitigate overlooking impacts have been configured such that the visual massing of the property and potential view loss impacts to neighbouring residential properties to the west are minimised.

5(b) Draft Environmental Planning Instruments

The application has been assessed against the relevant Draft Environmental Planning Instruments listed below:

Draft Environmental Planning Instruments	Compliance
Draft State Environmental Planning Policy (Environment) 2018	Yes
Draft State Environmental Planning Policy (Remediation of Land) 2018	Yes
Draft State Environmental Planning Policy (Environment) 2017	Yes

5(c) Draft Inner West Local Environmental Plan 2020 (Draft IWLEP 2020)

The *Inner West Local Environmental Plan 2020* came into effect on the 12 August 2022. This application is subject to a saving provisions under clause 1.8A of the *Inner West Environmental Plan 2022* and as such must be determined as if this plan had not commenced. Accordingly, the assessment of this application has been made under the *Leichhardt Local Environmental Plan 2013*.

5(d) Development Control Plans

The application has been assessed and the following provides a summary of the relevant provisions of the Leichhardt Development Control Plan 2013.

The following provides discussion of the relevant issues:

LDCP2013	Compliance
Part A: Introductions	
Section 3 – Notification of Applications	Yes
Part B: Connections	
B1.1 Connections – Objectives	Yes
B2.1 Planning for Active Living	Yes
Part C	
C1.0 General Provisions	Yes
C1.1 Site and Context Analysis	Yes
C1.2 Demolition	N/A
C1.3 Alterations and additions	Yes
C1.4 Heritage Conservation Areas and Heritage Items	Yes. See discussion under Clause 5.10 of the LLEP 2013
C1.5 Corner Sites	Yes
C1.6 Subdivision	N/A
C1.7 Site Facilities	Yes
C1.8 Contamination	Yes
C1.9 Safety by Design	Yes
C1.10 Equity of Access and Mobility	Yes
C1.11 Parking	No – See discussion below table
C1.12 Landscaping	N/A
C1.13 Open Space Design Within the Public Domain	N/A
C1.14 Tree Management	N/A
C1.15 Signs and Outdoor Advertising	N/A The proposed business identification sign will be restricted to exempt signage that is able to be erected under the <i>State Environmental Planning Policy (Exempt and Complying Development Codes) 2008</i> .
C1.16 Structures in or over the Public Domain: Balconies, Verandahs and Awnings	N/A
C1.17 Minor Architectural Details	N/A
C1.18 Laneways	Yes
C1.19 Rock Faces, Rocky Outcrops, Cliff Faces, Steep Slopes and Rock Walls	N/A
C1.20 Foreshore Land	N/A
C1.21 Green Roofs and Green Living Walls	N/A
Part C: Place – Section 2 Urban Character	
C2.2.5.1 The Valley ‘Rozelle’ Distinctive Neighbourhood	Yes

Part C: Place – Section 3 – Residential Provisions	N/A
Part C: Place – Section 4 – Non-Residential Provisions	
C4.1 Objectives for Non-Residential Zones	N/A
C4.2 Site Layout and Building Design	Yes
C4.3 Ecologically Sustainable Development	Yes
C4.4 Elevation and Materials	Yes
C4.5 Interface Amenity	Yes – see discussion
C4.6 Shopfronts	Yes
C4.7 Bulky Goods Premises	N/A
C4.8 Child Care Centres	N/A
C4.9 Home Based Business	N/A
C4.10 Industrial Development	N/A
C4.11 Licensed Premises and Small Bars	N/A
C4.12 B7 Business Park Zone	N/A
C4.13 Markets	N/A
C4.14 Medical Centres	N/A
C4.15 Mixed Use	N/A
C4.16 Recreational Facility	N/A
C4.17 Sex Services Premises	N/A
C4.18 Vehicle Sales or Hire Premises and Service Stations	N/A
C4.19 Vehicle Repair Station	N/A
C4.20 Outdoor Dining Areas	N/A
C4.21 Creative Industries	N/A
Part D: Energy	
Section 1 – Energy Management	Yes
Section 2 – Resource Recovery and Waste Management	
D2.1 General Requirements	Yes
D2.2 Demolition and Construction of All Development	N/A
D2.3 Residential Development	N/A
D2.4 Non-Residential Development	Yes
D2.5 Mixed Use Development	N/A

Part E: Water	
Section 1 – Sustainable Water and Risk Management	
E1.1 Approvals Process and Reports Required With Development Applications	Yes
E1.1.1 Water Management Statement	N/A
E1.1.2 Integrated Water Cycle Plan	N/A
E1.1.3 Stormwater Drainage Concept Plan	N/A
E1.1.4 Flood Risk Management Report	N/A
E1.1.5 Foreshore Risk Management Report	N/A
E1.2 Water Management	Yes
E1.2.1 Water Conservation	Yes
E1.2.2 Managing Stormwater within the Site	Yes
E1.2.3 On-Site Detention of Stormwater	N/A

E1.2.4 Stormwater Treatment	Yes
E1.2.5 Water Disposal	Yes
E1.2.6 Building in the vicinity of a Public Drainage System	N/A
E1.2.7 Wastewater Management	Yes
E1.3 Hazard Management	N/A
E1.3.1 Flood Risk Management	N/A
E1.3.2 Foreshore Risk Management	N/A
Part F: Food	Yes

The following provides discussion of the relevant issues:

C1.11 Parking

Parking rates for Small Bars, Restaurants or cafes requires a minimum of 1 space per 80sqm.

The subject site does not have existing off-street parking. However, it is noted that the building adjoins a public parking area with 24 spaces. Additionally, the site is easily accessible via active and public modes of transport, with highly serviced bus stops nearby along Darling Street and the café will continue to service the local community.

C4.5 Interface Amenity

The subject site is zoned R1 General Residential with residential dwellings to the east, south, and north-east. The site also adjoins B2 Mixed Use zoning fronting Darling Street to the west. Accordingly, having regard for the surrounding residential development, it is critical that non-residential uses on the site are located, sited, designed and operated to protect residential amenity.

The operating hours for the proposed rooftop dining is consistent with the existing café’s hours of operation (7:00 am – 7:00 pm Monday to Saturday and 9:00am – 6:00pm Sundays and Public Holidays). The number of patrons to occupy the rooftop outdoor dining has been reduced from 24 to 16 patrons and the revised floor plan includes planter boxes to minimise/restrict the trafficable/occupiable area.

The proposal has been supported by an Acoustic Report which concludes that, subject to construction of a 1.2m noise barrier (as shown on the architectural plans) the operational noise from the use of the café will comply with the nominated acoustic criteria.

Accordingly, the proposal will not result in adverse amenity impacts upon surrounding residential properties in terms of noise.

The proposed 1.8m privacy screening to the southern elevation and small portion of the eastern elevation will afford visual privacy to neighbouring properties. It is provided that privacy screening will not be required for the other elevations given that:

The western edge adjoins the laneway.

The northern edge overlooks the parking area.

The eastern edge adjoins the parking space of the neighbouring property.

Furthermore, it is considered that the proposed screening will not result in unreasonable bulk and scale or view loss impacts to the western neighbouring properties, which currently enjoy district views to the city skyline (Figure 5 below).

Figure 5 View over the rooftop of subject property to city skyline (including Centrepont tower) from No. 650 Darling Street Rozelle (image taken by owner of No. 650 Darling Street Rozelle)



5(e) The Likely Impacts

The assessment of the Development Application demonstrates that the proposal will not have an adverse impact on the locality, with particular respect to interface amenity.

5(f) The suitability of the site for the development

it is considered that the proposal to provide an outdoor dining area on the roof top of the existing property is appropriate, subject to conditions including noise attention and visual privacy measures as implemented on the plans, recommended in the supporting Acoustic Report and conditions of consent.

Therefore, it is considered that the site is suitable to accommodate the proposed development, subject to conditions.

5(g) Any submissions

The application was notified in accordance with the Community Engagement Framework for a period of 14 days to surrounding properties.

A total of 12 written submissions were received in response to the initial notification. It is noted that 4 written submissions were received from 2 households therefore a total of 10 submissions were received.

The following issues raised in submissions are summarised and addressed as follows:

Summary of Issue / Concern	Response
Acoustic impacts	Refer to detailed assessment under Clause 4.5 – Interface Amenity of the Leichhardt DCP 2013. Acoustic impacts are considered acceptable subject to implementation of the recommendations in the supporting Acoustic Report.
Limit after hours usage of the rooftop terrace	Conditions have been imposed to control hours of operation/occupation of the rooftop terrace to be consistent with the operation hours of the associated café.
Inadequate notification of subject application and lack of notification for change of use application	DA has been appropriately notified in accordance with Council’s Community Engagement Framework to surrounding properties. Concern relating to approved café to first floor relates to a previously approved CDC application and is not relevant to the subject development application.
Privacy implications from occupation of the terrace	Proposed 1.8m screening would mitigate overlooking impacts to neighbouring properties. Refer to detailed assessment under Clause 4.5 – Interface Amenity of the Leichhardt DCP 2013
Loss of views from proposed screening	Refer to detailed assessment under Clause 4.5 – Interface Amenity of the Leichhardt DCP 2013. No significant loss of views are anticipated as result of the proposal.
Overshadowing from proposed screening	The subsequent screening would not result in any adverse overshadowing impacts where the residential property to the south is substantially offset from the rooftop terrace such that shadows cast would not impact this or other adjoining neighbouring properties.

5(h) The Public Interest

The public interest is best served by the consistent application of the requirements of the relevant Environmental Planning Instruments, and by Council ensuring that any adverse effects on the surrounding area and the environment are appropriately managed.

The proposal is not considered contrary to the public interest, subject to conditions.

6 Referrals

6(a) Internal

The application was referred to the following internal sections/officers and issues raised in those referrals have been discussed in section 5 above.

- Building
- Engineering
- Environmental Health
- Heritage

6(b) External

N/A

7. Section 7.11 Contributions/7.12 Levy

Section 7.12 levies are not payable for the proposal as the estimated cost of works is below the minimum threshold (\$100,000).

Section 7.11 levies are not triggered by this proposal.

8. Conclusion

The proposal generally complies with the aims, objectives and design parameters contained in *Leichhardt Local Environmental Plan 2013* and the Leichhardt Development Control Plan 2013.

Subject to conditions, the proposal will not result in significant impacts on the amenity of the adjoining premises/properties and is therefore not in contravention with the public interest. The application is considered supportable on merit and in view of the circumstances, approval of the application is recommended.

9. Recommendation

That the Inner West Local Planning Panel exercising the functions of the Council as the consent authority, pursuant to s4.16 of the *Environmental Planning and Assessment Act 1979*, and approve Development Application No. DA/2021/1164 for the use of the roof top terrace for cafe seating, ancillary to the approved first floor food and drink premises at 1 National Street, Rozelle, subject to conditions.

Attachment A –Conditions

CONDITIONS OF CONSENT

DOCUMENTS RELATED TO THE CONSENT

1. Documents related to the consent

The development must be carried out in accordance with plans and documents listed below:

Plan, Revision and Issue No.	Plan Name	Date Issued	Prepared by
DrawingNo.21.152 Sheet 1 Rev A	Cover Page / Location Map	26/02/2021	Local Approvals
DrawingNo.21.152 Sheet 2 Rev A	Site Plan	26/02/2021	Local Approvals
DrawingNo.21.152 Sheet 3 Rev A	Ground Floor Plan	26/02/2021	Local Approvals
DrawingNo.21.152 Sheet 4 Rev A	First Floor Plan	26/02/2021	Local Approvals
DrawingNo.21.152 Sheet 5 Rev B	Roof Floor Plan	06/09/2022	Local Approvals
DrawingNo.21.152 Sheet 6 Rev A	Rear and West Elevation	26/02/2021	Local Approvals
DrawingNo.21.152 Sheet 6 Rev A	Proposed Rear and West Elevation	26/02/2021	Local Approvals
DrawingNo.21.152 Sheet 7 Rev A	Facing Carpark	26/02/2021	Local Approvals
DrawingNo.21.152 Sheet 8 Rev A	Access Lane	26/02/2021	Local Approvals
5151 V2	Acoustic Report	22/08/2022	Koikas Acoustics Pty Ltd

As amended by the conditions of consent.

DESIGN CHANGE**2. Design Change**

Prior to the issue of a Construction Certificate, the Certifying Authority must be provided with amended plans demonstrating the following:

- (a) The privacy screen should be replaced with metal or timber screens
- (b) Light, warm, earthy, tones are to be used for primary building elements/facades.

FEES**3. Long Service Levy**

Prior to the issue of a Construction Certificate, written evidence must be provided to the Certifying Authority that the long service levy in accordance with Section 34 of the *Building and Construction Industry Long Service Payments Act 1986* has been paid at the prescribed rate of 0.35% of the total cost of the work to either the Long Service Payments Corporation or Council for any work costing \$25,000 or more.

GENERAL CONDITIONS**4. Noise – Consultant’s Recommendations**

The recommendations contained in the acoustic report prepared by Koikas Acoustics Pty Ltd reference 5151R20211213mj1NationalStreetRozelle_DA.docx, dated 17/01/2022 must be implemented, including the following:

- The café may operate at its proposed maximum capacity and hours of operation
- A 1.2-metre high noise barrier must be installed along the boundary of the rooftop dining area as identified in the architectural plans.

The barrier can be constructed out of any of the following materials:

- o Double lapped 15mm thick timber fence palings offset so that there are no air gaps. This equates to a total barrier thickness of 30 mm; OR
- o 15mm compressed fibre cement panels with no air gaps at the joins; OR
- o 110mm brick wall; OR

- o 12.38 mm laminated glass.

It is to be noted that gaps between the panels and the posts or the ground will significantly reduce the effectiveness of the noise barrier and may lead to non-compliant noise levels at the adjoining premises.

5. Noise - Music

The provision of live or amplified music on the rooftop dining area is prohibited, including the use of external speakers.

6. Waste Management Plan

Prior to the commencement of any works (including any demolition works), the Certifying Authority is required to be provided with a Recycling and Waste Management Plan (RWMP) in accordance with the relevant Development Control Plan.

7. Works Outside the Property Boundary

This development consent does not authorise works outside the property boundaries on adjoining lands.

PRIOR TO CONSTRUCTION CERTIFICATE

8. Noise General – Acoustic Report

Prior to the issue of a Construction Certificate, the Certifying Authority must be provided with an acoustic report and associated plans demonstrating that noise and vibration from the operation of the premises will satisfy the relevant provisions of the *Protection of the Environment Operations Act 1997* and Regulations and relevant state and local policies and guidelines. The acoustic report is to be prepared by a suitably qualified and experienced acoustic consultant and any recommendations must be consistent with the approved plans.

DURING DEMOLITION AND CONSTRUCTION

9. Construction Hours – Class 2-9

Unless otherwise approved by Council, excavation, demolition, construction or subdivision work must only be permitted during the following hours:

- a. 7:00am to 6.00pm, Mondays to Fridays, inclusive (with demolition works finishing at 5pm);
- b. 8:00am to 1:00pm on Saturdays with no demolition works occurring during this time; and
- c. at no time on Sundays or public holidays.

Works may be undertaken outside these hours where they do not create any nuisance to neighbouring properties in terms of dust, noise, vibration etc. and do not entail the use of power tools, hammers etc. This may include but is not limited to painting.

In the case that a standing plant or special out of hours permit is obtained from Council for works in association with this development, the works which are the subject of the permit may be carried out outside these hours.

This condition does not apply in the event of a direction from police or other relevant authority for safety reasons, to prevent risk to life or environmental harm.

Activities generating noise levels greater than 75dB(A) such as rock breaking, rock hammering, sheet piling and pile driving must be limited to:

- a. 8:00am to 12:00pm, Monday to Saturday; and
- b. 2:00pm to 5:00pm Monday to Friday.

The person acting on this consent must not undertake such activities for more than three continuous hours and must provide a minimum of one 2 hour respite period between any two periods of such works.

"Continuous" means any period during which there is less than an uninterrupted 60 minute respite period between temporarily halting and recommencing any of that intrusively noisy work.

PRIOR TO OCCUPATION CERTIFICATE

10. Noise – Acoustic Report

Prior to the issue of an Occupation Certificate, the Principal Certifier must be provided with an acoustic report prepared by suitably qualified acoustic consultant which demonstrates and certifies that noise and vibration emissions from the development comply with the relevant provisions of *the Protection of the Environment Operations Act 1997* and conditions of Council's approval, including any recommendations of the acoustic report referenced in the conditions of the approval. The acoustic report is to be prepared by a suitably qualified and

experienced acoustic consultant and any recommendations must be consistent with the approved plans.

ON-GOING

11. Noise General

The proposed use of the premises and the operation of all plant and equipment must not give rise to an 'offensive noise' as defined in the *Protection of the Environment Operations Act 1997* and Regulations, NSW EPA Noise Policy for Industry and NSW EPA Noise Guide for Local Government.

12. Hours of Operation

- a. The hours of operation of the roof top which is to be used in conjunction with the cafe, must not exceed the following:

Day	Hours
Monday to Saturday	7am till 7pm
Sunday and Public Holidays	9am till 6pm

- b. Service is to cease 30 minutes before ceasing of trading hours.

13. Roof Top - Patron numbers, seating plan & planters

- a. No more that 16 seated patrons on the roof top at anyone time and confined to the seating area as nominated the approved plan drawing No.21.152 Rev B Sheet 5 dated 06/09/2022 on plan.
- b. Planter boxes to restrict access of the roof space to be located and maintained at all times as per the approved plan drawing No.21.152 Rev B Sheet 5 dated 06/09/2022

ADVISORY NOTES

Prescribed Conditions

This consent is subject to the prescribed conditions of consent within clause 98-98E of the *Environmental Planning and Assessment Regulations 2021*.

Notification of commencement of works

At least 7 days before any demolition work commences:

- a. The Council must be notified of the following particulars:
 - i. the name, address, telephone contact details and licence number of the person responsible for carrying out the work; and
 - ii. the date the work is due to commence and the expected completion date; and
- b. A written notice must be placed in the letter box of each directly adjoining property identified advising of the date the work is due to commence.

Storage of Materials on public property

The placing of any materials on Council's footpath or roadway is prohibited, without the prior consent of Council.

Other Approvals may be needed

Approvals under other acts and regulations may be required to carry out the development. It is the responsibility of property owners to ensure that they comply with all relevant legislation. Council takes no responsibility for informing applicants of any separate approvals required.

Failure to comply with conditions

Failure to comply with the relevant provisions of *the Environmental Planning and Assessment Act 1979* and/or the conditions of this consent may result in the serving of penalty notices or legal action.

Other works

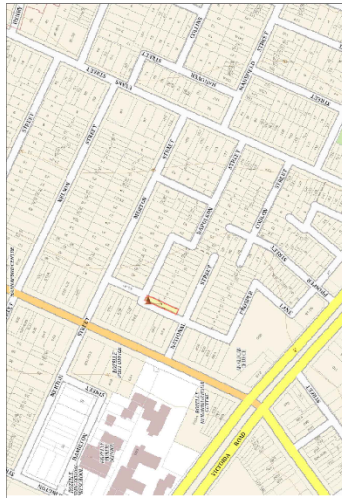
Works or activities other than those approved by this Development Consent will require the submission of a new Development Application or an application to modify the consent under Section 4.55 of the *Environmental Planning and Assessment Act 1979*.

Obtaining Relevant Certification

This development consent does not remove the need to obtain any other statutory consent or approval necessary under any other Act, such as (if necessary):

- a. Application for any activity under that Act, including any erection of a hoarding;
- b. Application for a Construction Certificate under the *Environmental Planning and Assessment Act 1979*;
- c. Application for an Occupation Certificate under the *Environmental Planning and Assessment Act 1979*;
- d. Application for a Subdivision Certificate under the *Environmental Planning and Assessment Act 1979* if land (including stratum) subdivision of the development site is proposed;
- e. Application for Strata Title Subdivision if strata title subdivision of the development is proposed;
- f. Development Application for demolition if demolition is not approved by this consent;
or
- g. Development Application for subdivision if consent for subdivision is not granted by this consent.

Attachment B – Plans of proposed development



DRAWINGS SCHEDULE

COVER PAGE / LOCATION MAP	SHEET 1
SITE PLAN	SHEET 2
GROUND FLOOR PLAN	SHEET 3
FIRST FLOOR PLAN	SHEET 4
ROOF LAYOUT PLAN	SHEET 5
ELEVATIONS	SHEET 6
SITE DETAILS	SHEET 7
SITE DETAILS	SHEET 8

ELECTRICIAN - In accordance with AS3000 / AS3009 Supply and install all power points and light points as per plans as directed by owner/builder. All electrical work to be done in accordance with the Electrical Safety Act 2003. All materials shall be first quality and installed in a workmanlike manner. All fees and connection charges shall be applied for and paid. Certificates of compliance shall be provided to owner/builder. The switch board shall be applied for shall be of circuit breaker type conforming to current standards.

Power circuits 15 amp
Light circuits 10 amp
Main switch 100 amp

INTERNAL LININGS
Cist the external of dwelling or area nominated as such using ship lapped AC boarding. Fix cist to studs using girth bolts or approved fixings as recommended by manufacturer. Sheets to be spaced 9 mm of 25mm.

INTERNAL LININGS - as per AS3740
All internal surfaces unless nominated on plans to be gypsum lined.
Board thickness as follows
- Ceilings 13mm or 10mm suptical
- Walls 13mm
Allow a period of 9 days after frame erection prior to gyprock installation for frame stabilisation. Prior to laying of sheathing inspect wall studs and ceiling joists for any defective work, warping or bowing of timbers both cut and glue fixed to timbers. Checks are to be girth 30mm long driver just below paper linc.

Provide paper linc to all joints and plaster set.
Sand between plaster coats and allow a min of 2 coats plaster and 1 coat final skim coat.
All architrave and exterior edges to be steel trim fixed and finished as above.

JOINER
All work shall comply with the appropriate standards.
All frames to be mixed and sash, filled and joined together with linings, mouldings and trims.
All surfaces to be left ready for painting.
External doors 2040 x 820 x 40 as selected - as per AS109 / AS2688 / AS2689
Internal doors 2040 x 820 x 40 as selected - as per AS109 / AS2688 / AS2689
Skirting 80 x 18 custom wood or as selected by builder
Main Hole FI 600 x 600mm access hole in roof

PAINTER
Prior to any work check and fill all voids.
Check and sand all plaster and wood work if not yet so.
Apply all primers to both internal and external surfaces as appropriate for material.
External surfaces to receive min 2 coats of sanded acrylic paint.
External paints to be acrylic with 2 finish coats.

COMPLETION
A completion of all works builder to clean site and dwelling of all rubble.
Remove all debris from site.
Plumb and square all work.
Plumb and square for all door clearances as may be required.
Council final inspection to take place and all defects rectified and all conditions complied with.
Hand over all certificates and warranties as held to owner.

GENERAL
All work to be done in conjunction with the working drawings, this specification and engineer's details if required.
The contractor shall be responsible for obtaining all necessary permits and approvals.
All work to be done in accordance with the Building Code of Australia, Local government requirements and all other relevant authorities.
The builder is to arrange and pay for all inspections, approvals etc as may be required by the relevant authorities. Consenting application of electrical power must be obtained and water augmentation.
Builder is to insure against public risk as is required by the Workers Compensation Act of NSW.
Builder is to check all dimensions, levels etc prior to any works commencing.
Final dimensions take precedence to scale.
Unless otherwise noted the builder shall provide a defects liability period of three months. Builder is to provide for himself and his workers on site amenities as may be required unless their arrangements have been made with the owners or the local authorities.

WORKMANSHIP
Execute all work in the best and most tradesman like manner to the satisfaction of the superintendent or building inspector.
Remove all waste from site after completion of works.

EXCAVATION
Excavate the site as required for dwelling / addition.
Additional turps suit to be stored on site for future use.

PEST CONTROL as per AS3680.1
1. Monolithic Slab.
- In form of slab edge exposed below 1st course of brickwork.
- Coarse aggregate on all penetrations.
2. Suspended Floor.
- Install a barrier system in accordance with BCA Part 3.1.3 Table 3.1.3.
- Provide sub-floor ventilation in accordance with BCA Part 3.4.1.
- All penetrations to be sealed and installed provide access to the area of the barrier that needs inspection in accordance with AS3680.1

CARPENTER
Erect both wall and floor frames as shown on plans.
If roof trusses are supplied install to manufacturers written instructions. In accordance with clause 3.4.3.BC496 or AS1684.

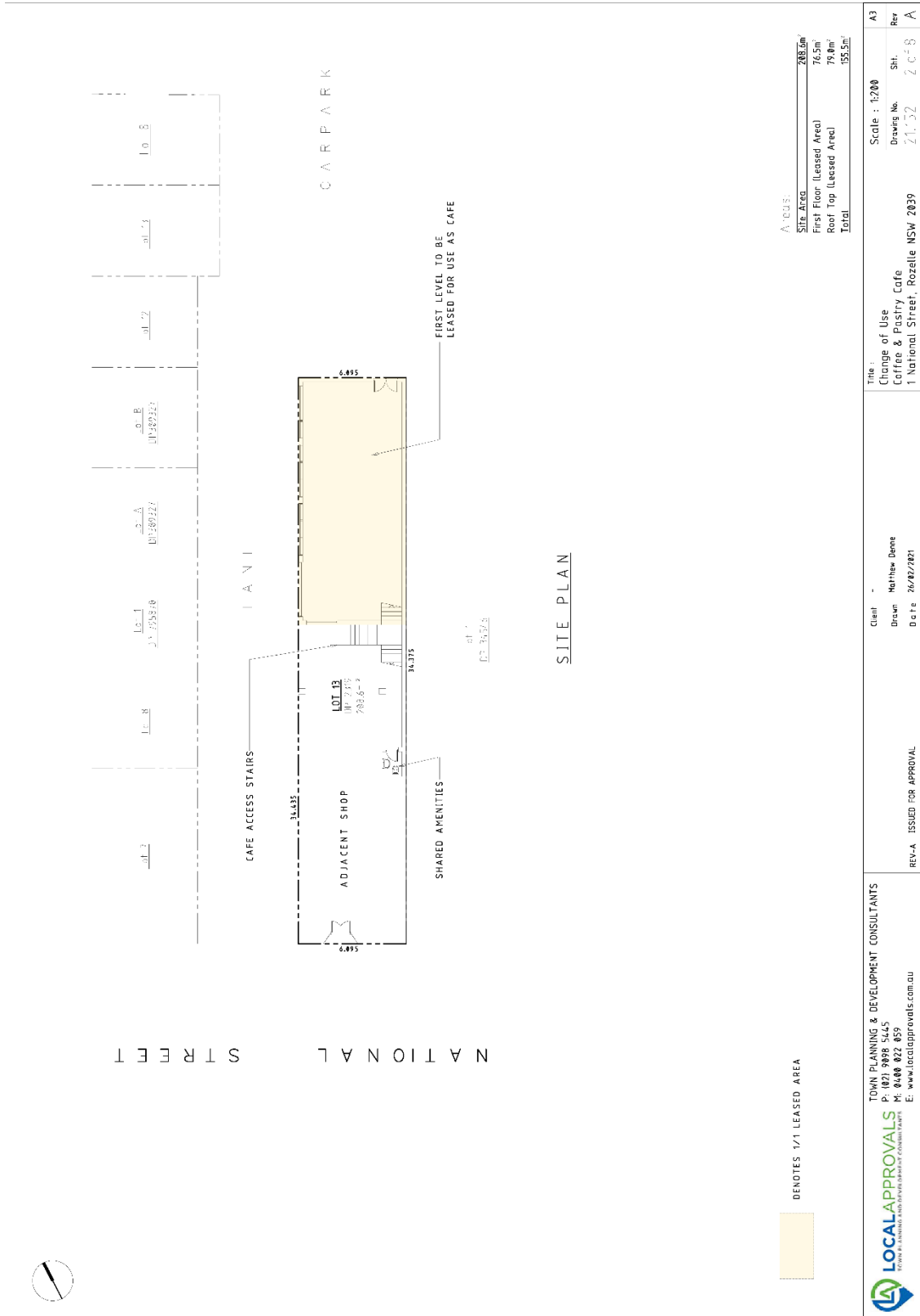
WINDOWS - as per AS2447 / AS2046 / AS1288
Refer plans for all window sizes, locations and material type. Flash heads and sills as required.
Provide all storm moulds, architraves and trims as required.
Window colour and glass type to be determined by owner.
Allow min of 15mm clearance between architrave and bottom of head for reflection.

ROOFER
TILED ROOF
Provide roof tiles as shown on the drawing. All necessary accessories to be provided and the roof is to be adequately braced. Roof tiles shall be fixed in accordance with the BCA and referenced standard. Where pitch of roof is less than 1:10 minimum a material having effective water shedding characteristics shall be used. The roof shall be fixed to follow the pitch of the rafters, where a level surface is to be provided. Where the ceiling is to follow the pitch of the rafters, irrespective of the pitch of the roof, the vapour/barrier barrier is to be fixed to the underside of the rafters.

LEAD FLASHING NOT TO BE USED WITH ZINCALUME STEEL.

PLUMBER, DRAINER
Provide colourbond Fascia and Gutter to all eaves as shown. Fix as per manufacturer's details.
Provide colourbond traps and bays coping to all outlets fix as per manufacturer's details.
Provide 100 x 50 Colourbond down pipes as shown on plans and connect to storm water system.
All pipe work internal and external to be copper.
The install all required traps and fixtures to complete the job. Externally provide 2 brass tap fittings.
Sewer lines to be 100mm PVC all joined using approved adhesive min 300mm below ground level with a min 1:75 fall. Storm water lines to be min 90mm PVC with 1:100 fall. Keep as a pipe as shown on drawings. Provide all necessary drainage cleaning eyes and traps in accordance with the relevant standards. All work to be completed and approved by both council as well as water board and certificates of compliance given to builder/owner.
AGG lines to be generally 100mm dia laid in 10mm blue metal.

Client Matthew Denne Drawn Date 26/02/2021	Title Change of Use Coffee & Pastry Cafe 1 National Street, Rozelle NSW 2039	Scale : NTS	A3
		Drawing No. 7-17	Rev 01
REV-A ISSUED FOR APPROVAL		TOWN PLANNING & DEVELOPMENT CONSULTANTS LOCAL APPROVALS P: (02) 9098 5745 M: 0400 822 059 E: www.localapprovals.com.au	



AREAS:

SITE AREA	288.0m ²
First Floor (Leased Area)	76.5m ²
Roof Top (Leased Area)	78.9m ²
Total	155.5m ²

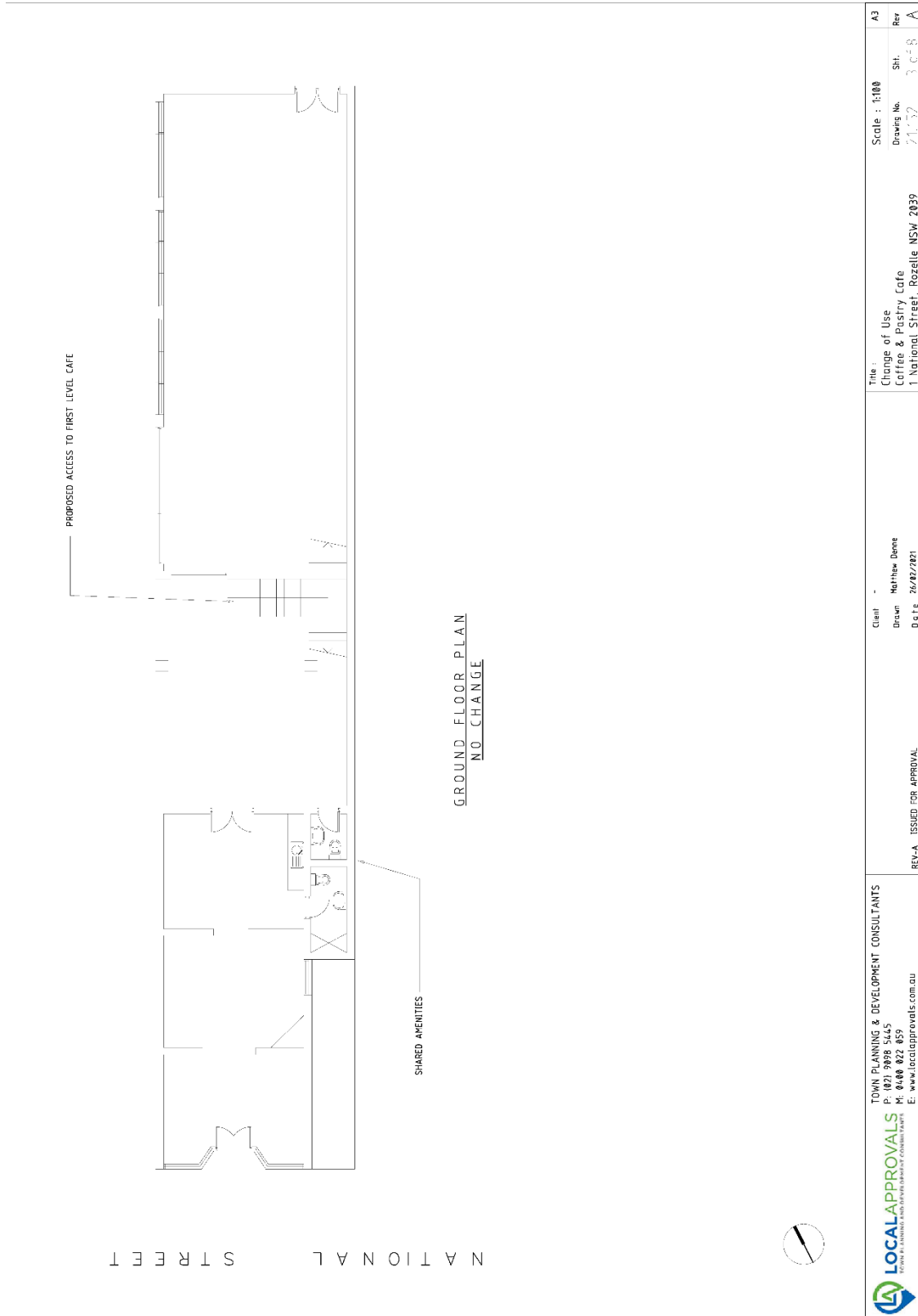
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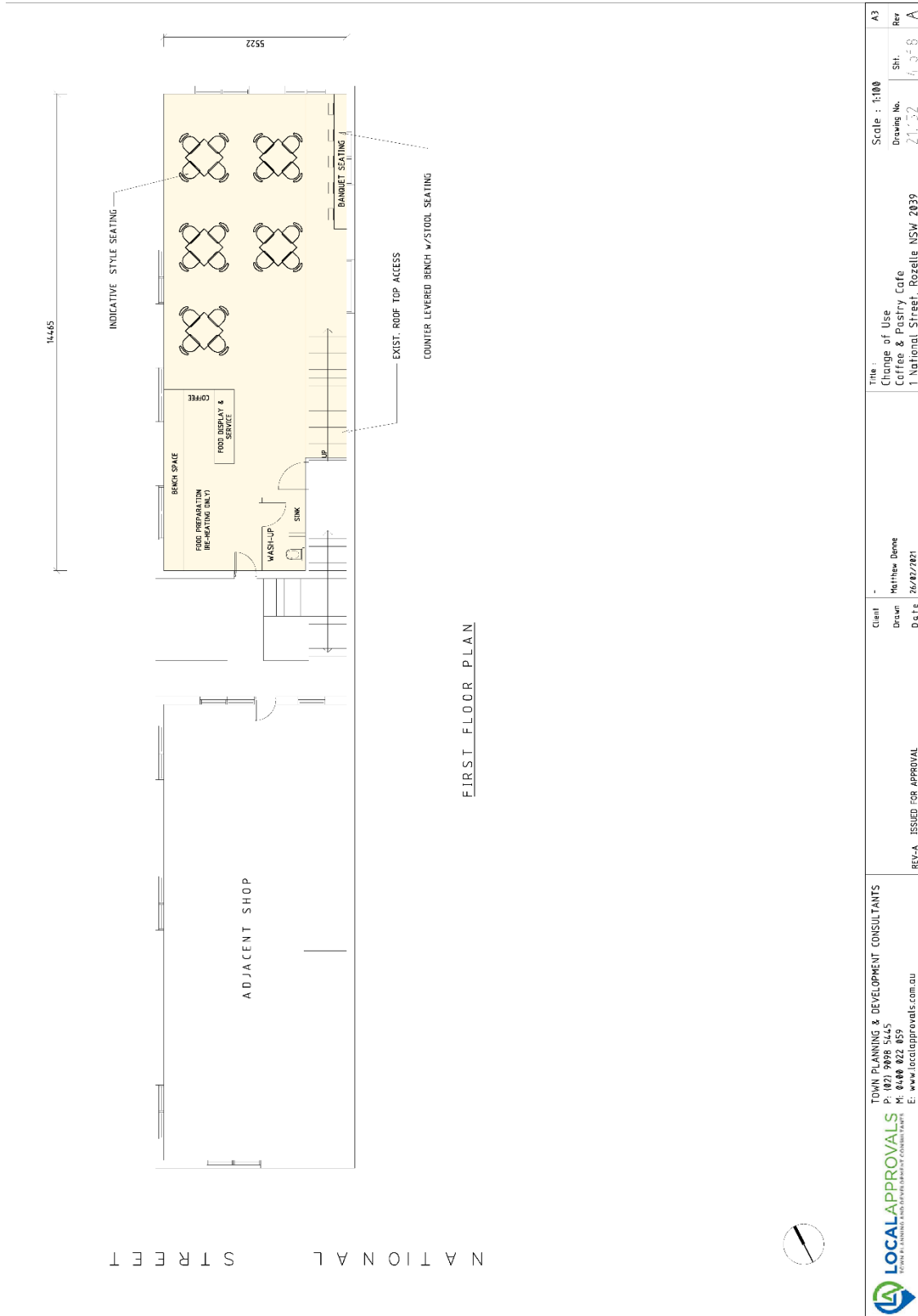
LOCAL APPROVALS
TOWN PLANNING AND DEVELOPMENT CONSULTANTS
P: (02) 9898 5445
M: 0400 022 859
E: www.localapprovals.com.au

Client: Matthew Deme
Drawn: 26/02/2021
Date: 26/02/2021


REV-A ISSUED FOR APPROVAL

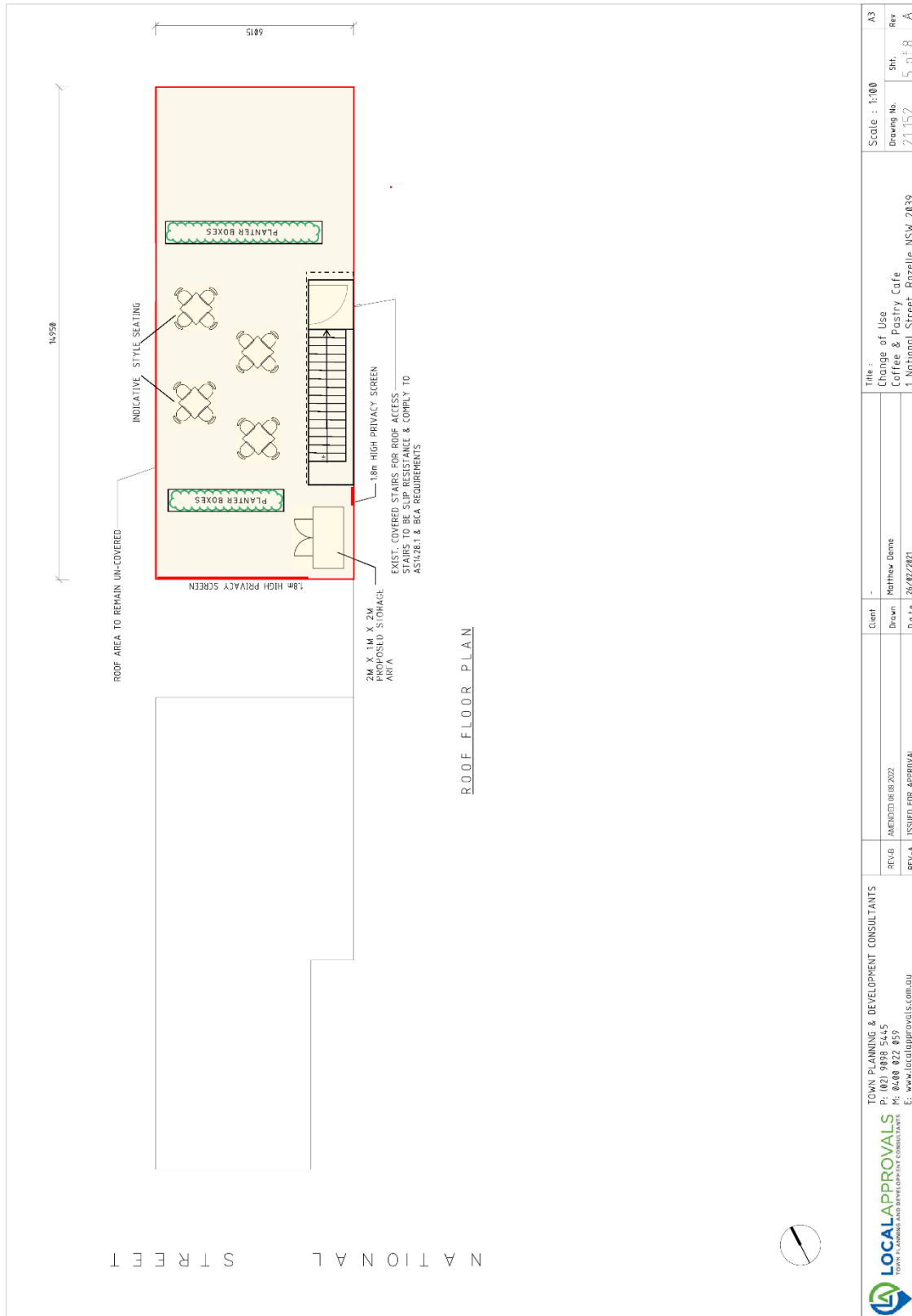
Title:	Change of Use Cafe & Pastry Cafe 1 National Street, Rozelle NSW 2039
Scale:	1:200
Drawing No:	21.52
Rev:	2 of 8
A3	





FIRST FLOOR PLAN

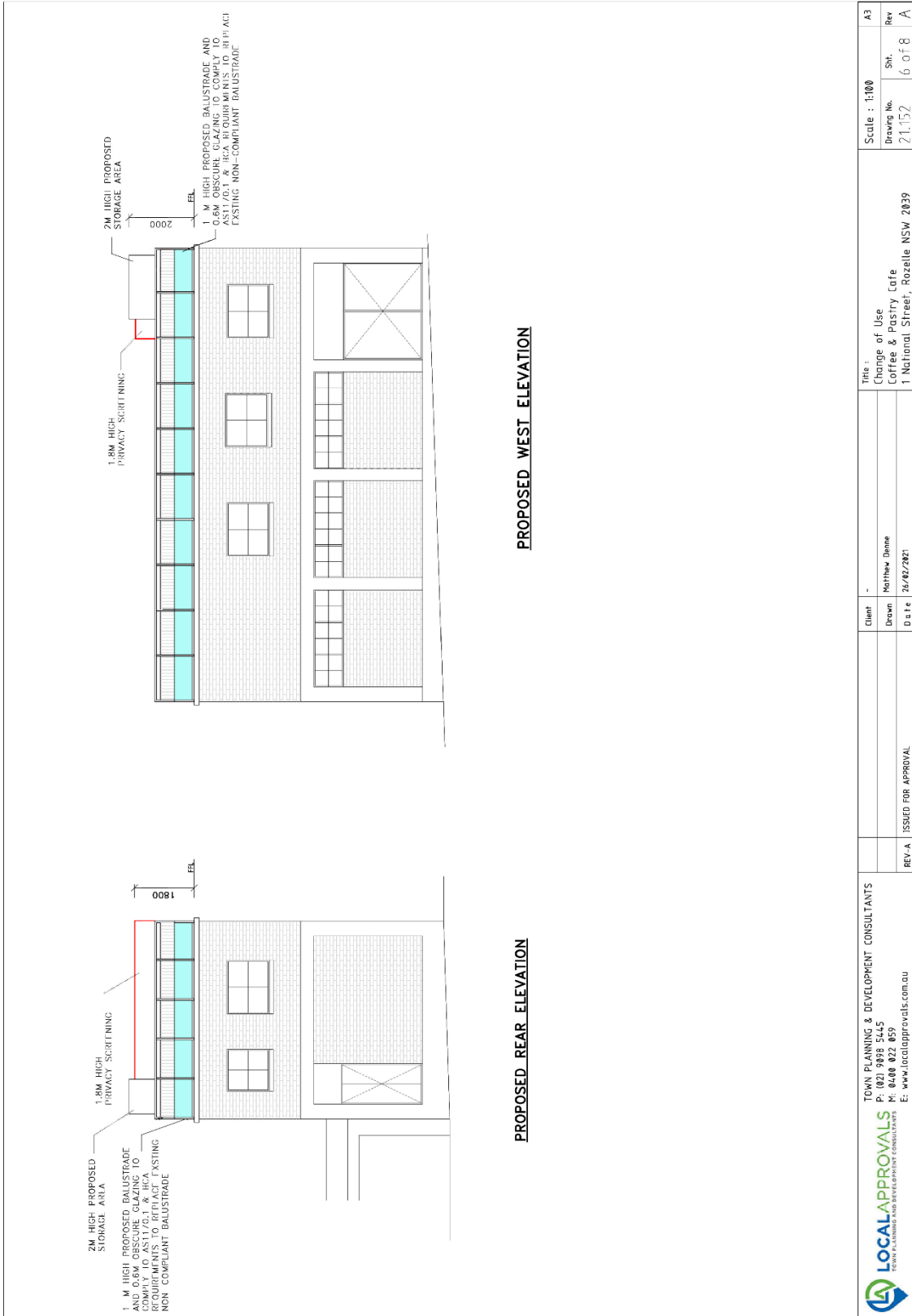
 <p> LOCAL APPROVALS TOWN PLANNING & DEVELOPMENT CONSULTANTS P: (02) 9998 5445 M: 0400 022 859 E: www.localapprovals.com.au </p>	REV-A ISSUED FOR APPROVAL	Client - Drawn - Date -	Title - Change of Use Coffee & Pastry Cafe 1 National Street, Rozelle NSW 2039	Scale : 1:100 Drawing No. 21.52 SHI. 1.3.8	A3 Rev A
	Matthew Bennie Date 26/07/2021	Title - Change of Use Coffee & Pastry Cafe 1 National Street, Rozelle NSW 2039	Scale : 1:100 Drawing No. 21.52 SHI. 1.3.8	A3 Rev A	




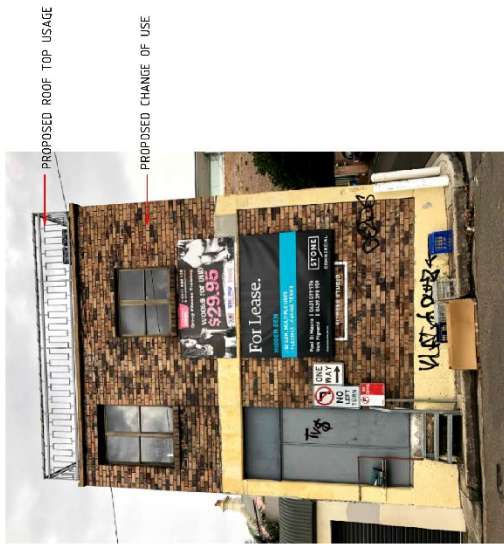
REAR ELEVATION

WEST ELEVATION

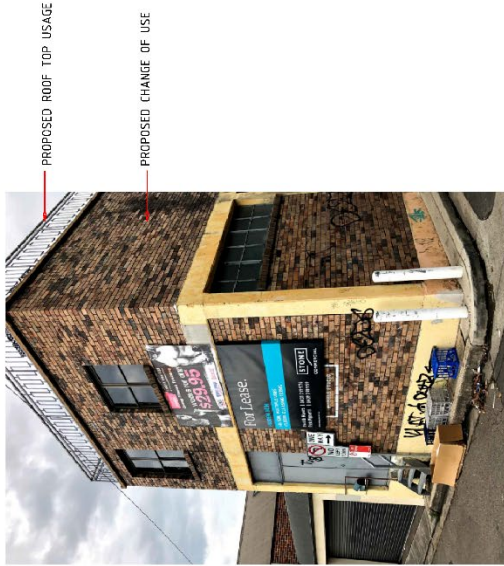
	Client - Drawn Matthew Ubene Date 26/02/2021	Title - Change of Use Coffee & Pastry Cafe 1 National Street, Rozelle NSW 2039	Scale : 1:100 Drawing No. 21.152 Sh. 6 of 8 Rev A
TOWN PLANNING & DEVELOPMENT CONSULTANTS P: (02) 9098 5445 M: 0400 022 059 E: www.localapprovals.com.au		LOCAL APPROVALS TOWN PLANNING AND DEVELOPMENT CONSULTANTS	



 <p>TOWN PLANNING & DEVELOPMENT CONSULTANTS P: (02) 9398 5445 M: 0400 022 859 E: www.localapprovals.com.au</p>		Client - Drawn Matthew Demie Date 26/02/2021	Title : Change of Use Coffee & Pastry Cafe 1 National Street, Rozelle NSW 2039	Scale : 1:100 Drawing No. 71.152 Sh. 6 of 8 Rev A
REV A ISSUED FOR APPROVAL				



FACING CARPARK



FACING CARPARK

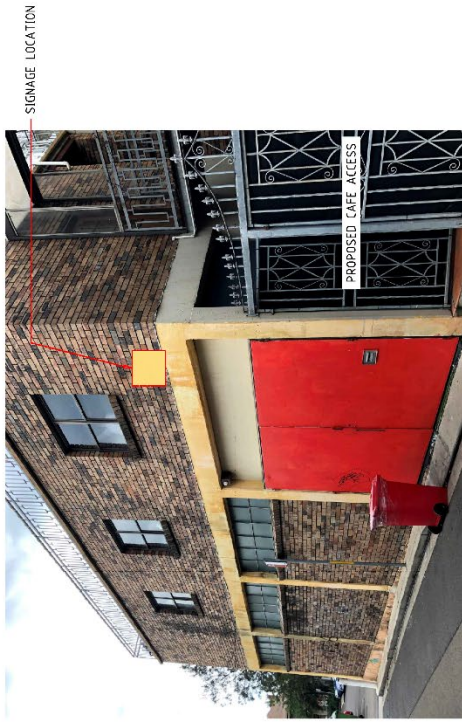
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 M: 0148 822 859
 E: www.localapprovals.com.au

REV-A ISSUED FOR APPROVAL

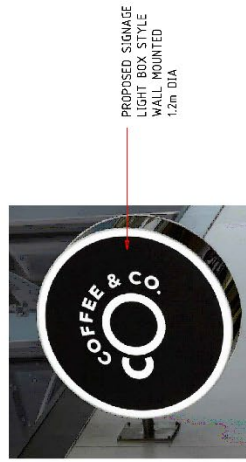
Client: Matthew Denne
 Drawn Date: 26/02/2021

Title: Change of Use
 Coffee & Pastry Cafe
 1 National Street, Rozelle NSW 2039

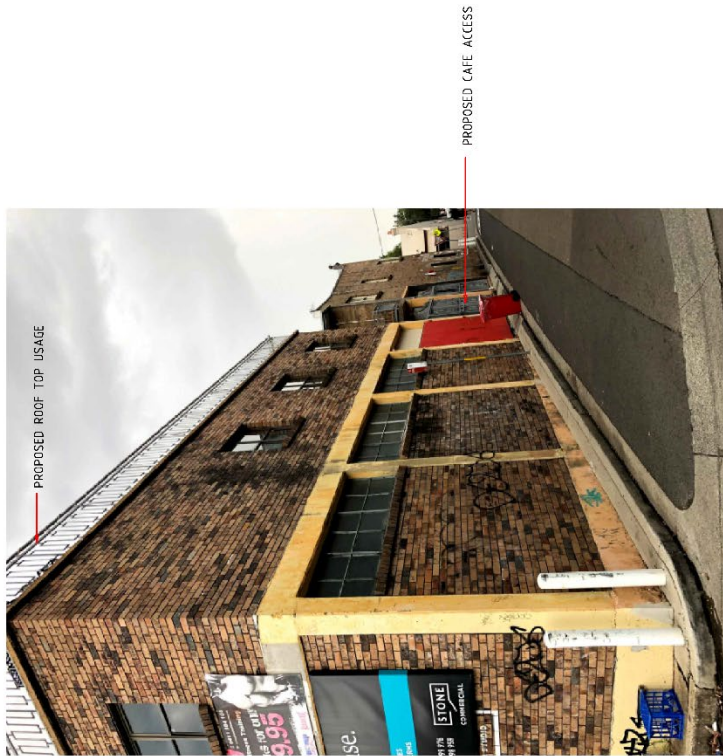
Scale: n1s
 Drawing No: 21-57
 Sh: 7
 Rev: 5
 A



ACCESS LANE



SIGNAGE DETAIL



ACCESS LANE

 <p>TOWN PLANNING & DEVELOPMENT CONSULTANTS P: 02 9098 5445 M: 0488 822 859 E: www.localapprovals.com.au</p>	REV. A ISSUED FOR APPROVAL	Client: Matthew Denne Drawn: 26/02/2021 Date:	Title: Change of Use Coffee & Pastry Cafe 1 National Street, Rozelle NSW 2039	Scale: n1s Drawing No: 21-57 Sheet: 8 of 8	A3 Rev A
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Attachment C – Acoustic Report

koikas **acoustics** **PTY LTD**
CONSULTANTS IN NOISE & VIBRATION

Commercial 1 (Unit 27) +612 9587 9702 *DELIVERING SOUND ADVICE*
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Bexley NSW 2207 www.koikasacoustics.com ABN: 12 058 524 771

ACOUSTICAL REPORT

PROPOSED CAFÉ DEVELOPMENT

1 NATIONAL STREET, ROZELLE NSW

Date: Monday, 22nd August 2022

File Reference: 5151R20211213mj1NationalStreetRozelle_DAv2.docx

DOCUMENT CONTROL

Project title	Acoustical Report Proposed Café Development 1 National Street, Rozelle NSW			
Project number	5151			
Document reference	5151R20211213mj1NationalStreetRozelle_DAv2.docx			
Document path	G:\Shared drives\KA Acoustics 2021\REPORT\Clubs and Restaurants\5151 (mj) 1 National Street, Rozelle\5151R20211213mj1NationalStreetRozelle_DAv2.docx			
Version	Date	Author	Review	Notes
V1	17/01/2022	MJ	NK	Report version 1 available for issue
V2	22/08/2022	MJ	NK	Report version 2 available for issue
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Approved by	Nick Koikas M.A.A.S Principal Consultant Koikas Acoustics Pty Ltd			
Client	Maximus Rigby Pty Ltd Attention: David Rigby Attention: Michelle Aguilar - Michelle@cafebookkeepers.com.au Attention: Local Approvals - Lenox Tweneboa - lenox@localapprovals.com.au			

The information contained herein should not be reproduced except in full. The information provided in this report relates to acoustic matters only. Supplementary advice should be sought for other matters relating to construction, design, structural, fire-rating, waterproofing, and the likes.

ACOUSTICAL REPORT
PROPOSED CAFÉ DEVELOPMENT
1 NATIONAL STREET, ROZELLE NSW

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Prepared For: Maximus Rigby Pty Ltd

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1.0 INTRODUCTION

Koikas Acoustics Pty Ltd was commissioned to prepare a noise impact assessment for the proposed development at 1 National Street, Rozelle seeking approval for the change of use, of an existing commercial space into a café development.

For this DA, the acoustical adequacy of the proposed design must be assessed in terms of standard planning guidelines issued by the Council in their Local Environment Plan (LEP), Development Control Plan (DCP), and other standard planning guidelines related to common sources of noise.

As per the Council guidelines and other standard planning instruments, Koikas Acoustics has determined the following acoustical components require an assessment at the current DA stage:

1. Operational noise from the proposed café to neighbouring dwellings.
2. Mechanical plant noise emission from the proposed café development to neighbouring dwellings.

This report presents the results and findings of an acoustical assessment for the subject proposal. In-principle acoustic treatments and noise control recommendations are included (where required) so that the premises may operate in compliance with the nominated acoustical planning levels/project noise objectives.

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2.0 THE PROPOSED DEVELOPMENT

The development is proposed to occupy the site at 1 National Street, Rozelle. This location is situated in a primarily urban residential area classified as R1 ‘General Residential’ as per relevant land zoning maps included in the Inner West Council Local Environment Plan 2013 (Leichhardt). Surrounding properties are also predominantly residential and commercial in classification, also located within R1 ‘General Residential’ and B2 ‘Local Centre’ Zoning.

The subject site and surrounding properties are identified in the aerial photograph in Figure 1.



Figure 1. Aerial photo of the subject site and surrounding area – Image from SixMaps

Prevailing ambient noise conditions on-site and in the local area are generally the result of typical environmental noise such as distant traffic and localised domestic noise sources.

This acoustic report and any associated recommendations are based solely on the architectural design and drawings by Local Approvals (Project No. 21.152, dated 16/02/2021). Any unapproved



changes to the design may impact the findings of this report and associated noise control recommendations.

As per the architectural drawings prepared by Local Approvals, the proposed development will include the change of use of an existing commercial space to a new two-storey café development occupying the first floor and rooftop of the subject building.

The café's proposed operating hours are as follows:

- Monday to Saturday: 7:00 am – 7:00 pm
- Sundays and Public Holidays: 9:00 am – 6:00 pm

The café is proposed to have a maximum occupancy of 44 patrons with a maximum of three staff at any one time. 24 patrons are proposed to occupy the rooftop dining area, with 20 patrons proposed to occupy the internal first-floor level.

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3.0 NOISE SURVEYS

3.1 AMBIENT NOISE SURVEY

Existing ambient noise levels were measured by conducting two ambient noise surveys.

Noise Logger 'A' (Convergence Instruments Type 1 Noise Sentry) was located in the rear laneway behind 7 National Street, Rozelle, approximately 3.5 m above the natural ground level.

Measurement Period: 16th November 2021 to the 22nd November 2021

Noise Logger 'B' (Svantek 949) was located in the rear courtyard behind 644 Darling Street, Rozelle, approximately 1.5 m above the natural ground level.

Measurement Period: 28th May 2021 to the 3rd June 2021

The instruments were set up to measure sound pressure levels as 'A' frequency weighting and 'Fast' time response. Noise levels were stored within the logger memory at recurring 15 minutes intervals.

A NATA calibrated and certified Larson Davis CAL200 precision acoustic calibrator was used to field calibrate the sound level meter before and after the noise survey. No system drift was observed for this sound level meter.

BOM weather records for the nearest available weather station indicate that inclement weather conditions may have impacted the noise survey for Noise Logger 'A'. Noise data from affected periods throughout the survey were removed following standard requirements of the NSW Environmental Protection Authority (EPA). Rainfall data from the Bureau of Meteorology is attached as **Appendix A**.

A summary of the noise survey data is presented below.

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Table 2. Summary of noise logger results [dB]			
Location	Period, T ¹	Ambient noise level L _{Aeq}	Rating background level L _{A90}
Noise Logger 'A' 7 National Street	Day	54	43
	Evening	54	45
	Night	49	35
Noise Logger 'B' 644 Darling Street	Day	57	46
	Evening	58	46
	Night	55	36
Notes	1. The NSW EPA Noise Policy for Industry (NPfI) refers to: Daytime: 7 am – 6 pm Monday to Saturday and 8 am to 6 pm Sunday and public holidays. Evening: 6 pm – 10 pm Monday to Sunday Night: 10 pm - 7 am Monday to Saturday and 10 pm to 8 am Sunday and public holidays. 2. The EPA/RMS/NSW DoP refers to: Daytime: 7 am – 10 pm seven days per week. Night: 10 pm - 7 am seven days per week		

Daily logger graphs are attached in **Appendix B**.

3.2 ATTENDED ENVIRONMENTAL NOISE MONITORING

Ambient and ambient background noise levels were also measured using attended noise surveys at the following locations to identify the difference in ambient noise and background noise levels at sensitive residential receivers that are more exposed to road traffic and commercial noise from Darling Street.

Attended Location 'A': Outside 2 National Street, Rozelle, approximately 1.5 m above the natural ground level.

Attended Location 'B': Outside the rear courtyard of 644 Darling Street, Rozelle, approximately 1.5 m above the natural ground level.

Attended noise surveys were conducted on November 15th 2021 between 10:00 am and 11:00 am.

Noise level measurements were taken with a NATA calibrated Type 1 NTi XL2 sound level meter. The instrument was set up to measure sound pressure levels as 'A' frequency weighting and 'Fast' time response.



Sound level measurements were taken for durations deemed sufficient to represent the underlying ambient and background noise environment without the influence of extraneous noise or noise from the subject development.

A summary of the noise survey results is provided in Table 2.

Table 2. Summary of measured environmental noise levels [dB]

Location	Date	EPA assessment period	L _{A90}	L _{Aeq}
Location A	15.11.2021	Daytime	51	57
Location B			49	53



4.0 ACOUSTIC REQUIREMENTS

4.1 EPA NOISE POLICY FOR INDUSTRY

Noise emission design targets have been referenced from the NSW Environmental Protection Authority (EPA) Noise Policy for Industry (NPfi).

The NPfi is designed to assess environmental noise impacts associated with scheduled activities prescribed within the Protection of the Environment Operations Act 1997, Schedule 1. It is also used as a reference tool for establishing suitable planning levels for noise generated by mechanical plant and equipment and noise emission from commercial operations.

For residential receivers, the guideline applies limits on the short-term intrusive nature of a noise or noise-generating development (project intrusive noise level), as well as applying an upper limit on cumulative industrial noise emissions from all surrounding development/industry (project amenity noise level). The most stringent of the project intrusive noise level and project amenity noise level is applied as the **project noise trigger level (PNTL)**. To determine which of the intrusive and amenity noise criteria is more stringent, the underlying noise metrics must be the same. As the intrusive noise level is defined in terms of an $L_{Aeq, 15 \text{ minutes}}$ and the amenity noise level is defined in terms of an $L_{Aeq, \text{Period}}$, a correction +3 dB correction is applied to the project amenity noise level to equate the $L_{Aeq, \text{Period}}$ to $L_{Aeq, 15 \text{ minutes}}$.

Non-residential receivers are assessed to project amenity noise levels relevant to the applicable receiver category (commercial).

Where noise is measured or predicted below the project noise trigger level, the noise outcome is deemed acceptable. Above the project noise trigger level, management responses such as applying reasonable and feasible noise mitigation measures are to be recommended, along with assessing any residual noise impacts once noise mitigation has been considered.

The policy is designed in such a way that the assessing authority would consider the project noise trigger levels, reasonable and feasible mitigation measures, and any residual noise impacts when deciding on acceptable noise outcomes.

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The site-specific project noise trigger levels need only be considered for the hours under which the noise or activity occurs, which is limited to daytime and evening hours.

Due to the varying noise levels across the different locations in which noise surveys were conducted, three different noise categories have been identified:

- **Noise criterion ‘A’:** Properties along the northern side of National Street
- **Noise criterion ‘B’:** Properties along the southern side of National Street
- **Noise criterion ‘C’:** Properties along the eastern side of Darling Street

Table 1. NPfI planning levels – $L_{Aeq, 15 \text{ minutes}}$ [dB]

Period, T (Note 1)	Intrusive		Amenity					Project noise trigger level
	RBL	RBL + 5	Area classification	Recommended amenity noise level	High traffic area	Project amenity noise level		
						Project amenity noise level	+3dB correction	
Day ‘A’	43	48	Urban	60	No	55	58	48
Day ‘B’	51	56	Urban	60	No	55	58	56
Day ‘C’	46	51	Urban	60	No	55	58	51
Evening ‘A’	45	50	Urban	50	No	45	48	48
Evening ‘B’	48 ³	53	Urban	50	No	45	48	48
Evening ‘C’	46	51	Urban	50	No	45	48	48

Notes:

1. EPA defines the following periods:
Day: 7 am to 6 pm Mon to Sat and 8 am to 6 pm Sun and public holidays,
Evening: 6 pm to 10 pm Mon to Sun,
Night: 10 pm to 7 am Mon to Sat and 10 pm to 8 am Sun and public holidays.
2. Project noise amenity level = recommended noise amenity level – 5 dB, except where specific circumstances are met, such as high traffic.
3. The noise level has been estimated from the difference between attended noise monitoring locations, an increase in 2 dB is considered reasonable, due to these properties being more exposed to traffic noise and existing commercial operations from Darling Street.

Surrounding commercial properties must also not be exposed to noise that exceeds $L_{Aeq, \text{Period}}$ (business hours) **63 dB** during business hours.



4.2 OFFENSIVE NOISE (POEO ACT 1997 DEFINITION)

In the definitions of the *Protection of the Environment Operations Act 1997*, 'offensive noise' means noise:

- (a) *that, by reason of its level, nature, character or quality, or the time at which it is made, or any other circumstances:*
- (i) *is harmful to (or is likely to be harmful to) a person who is outside the premises from which it is emitted, or*
- (ii) *interferes unreasonably with (or is likely to interfere unreasonably with) the comfort or repose of a person who is outside the premises from which it is emitted, or*
- (b) *that is of a level, nature, character or quality prescribed by the regulations or that is made at a time, or in other circumstances, prescribed by the regulations.*

4.3 OFFENSIVE NOISE CHECKLIST (EPA NOISE GUIDE FOR LOCAL GOVERNMENT, 2013)

The *EPA Noise Guide for Local Government (NGLG)* provides a checklist that is used to assist with establishing if a particular noise is 'offensive'. The checklist is summarised below:

- Is the noise loud in an absolute sense? Is it loud relative to other noise in the area?
- Does the noise include characteristics that make it particularly irritating?
- Does the noise occur at times when people expect to enjoy peace & quiet?
- Is the noise atypical for the area?
- Does the noise occur often?
- Are several people affected by the noise?

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5.0 OPERATIONAL NOISE ASSESSMENT

Noise levels at nearby receiver sites are predicted using the Cadna/A noise calculation program so that potential noise issues can be identified and addressed in the acoustic design. The software calculates outdoor sound propagation to accord with ISO 9613-2:1996.

5.1 DESIGN SCENARIOS AND MODELLING ASSUMPTIONS

Noise from the café is assessed to nearby residential and commercial receivers up until 7 pm. As the cafe is proposed to operate from 7 am and up until 7 pm, the most stringent (evening) period will be assessed. Compliance during the evening implies compliance during the less-stringent daytime period.

Furthermore, design details and assumptions regarding each of the noise model scenarios are as follows:

- It is assumed that the café will be used to its maximum capacity during all operating hours. Maximum patron numbers are outlined in Section 2.0 of this report.
- It is assumed that 50% of the patrons in the café will be speaking at any one time, all of which with a normal vocal effort.

5.2 SOURCE NOISE LEVELS

Noise levels of patron noise have been referenced from documented averaged noise levels (based on ANSI S3.5). Mechanical plant and equipment noise has been referenced from manufacturer specifications and previous monitoring undertaken by Koikas Acoustics. Internal café operational noise has been referenced from attended monitoring previously undertaken by Koikas Acoustics at a similar operation.

Table 4. Source noise levels, $L_{Aeq, 15 \text{ minutes}}$ [dB]

Description	Noise Metric	1/1 octave band centre frequency [Hz]								Total
		63	125	250	500	1000	2000	4000	8000	
1 person speaking normal vocal effort	SWL	39	48	57	65	62	58	53	46	68
Café Internal – 20 patrons speaking with a normal vocal effort	SWL	49	58	67	75	72	68	63	56	78

SWL = sound power level



Table 5. Schedule of equipment and noise levels

Equipment selection	Model/Type	Descriptor	Noise level, [dBA]	Location
AC Condenser	Daikin 5MXM100RVMA (or similar)	Lp at 1-metre	49	South facing external wall
Toilet Exhaust Fan	--		38	
Fridge/Freezer Unit Condenser	--		50	

Lp = sound pressure level

5.3 CALCULATED NOISE AT RECEIVERS

Due to the size of the development, several potentially affected receiver locations must be assessed in terms of their respective noise exposure from mechanical plant and equipment associated with the development. The most noise-sensitive receiver locations are summarised below:

Table 1. Assessment locations

ID	Receiver type and address	Assessment location
R1	Residential / 42 Merton Street, Rozelle	Most noise affected residential boundary
R2	Residential / 38 Merton Street, Rozelle	Most noise affected residential boundary
R3	Residential / 32 Merton Street, Rozelle	Most noise affected residential boundary
R4	Residential / 30 Merton Street, Rozelle	Most noise affected residential boundary
R5	Residential / 13 National Street, Rozelle	Most noise affected residential boundary
R6	Residential / 9 National Street, Rozelle	Most noise affected residential boundary
R7	Residential / 5 National Street, Rozelle	Most noise affected residential boundary
R8	Residential / 3 National Street, Rozelle	Most noise affected residential boundary
R9	Residential / 1 National Street, Rozelle	Upper floor level
R10	Residential / 10 National Street, Rozelle	Upper floor level
R11	Residential / 8 National Street, Rozelle	Upper floor level
R12	Residential / 6 National Street, Rozelle	Upper floor level
R13	Residential / 2 National Street, Rozelle	Upper floor level
R14	Commercial / 656 Darling Street, Rozelle	Upper floor level
R15	Residential / 654 Darling Street, Rozelle	Upper floor level
R16	Residential / 650 Darling Street, Rozelle	Upper floor level
R17	Residential / 646 Darling Street, Rozelle	Upper floor level
R18	Residential / 640 Darling Street, Rozelle	Upper floor level
R19	Residential / 638 Darling Street, Rozelle	Upper floor level
R20	Residential / 636 Darling Street, Rozelle	Upper floor level

The most noise-sensitive residential and commercial receiver point locations referred above were assessed for compliance and where necessary determined the extent and type of additional noise mitigation measures necessary for compliance.



Refer to **Appendix B** for Cadna/A contour maps and receiver locations

SCENARIO 1 – Evening (1800-1900) (EPA NPfi)

L_{Aeq} 15 minutes ≤ 48 dB at neighbouring residential boundaries (1800-1900)

L_{Aeq} 15 minutes ≤ 63 dB at neighbouring commercial boundaries (Business Hours)

The following noise sources were considered for the night period noise model scenario - 15 minutes:

- 24 x Patrons in the rooftop dining area – 50% speaking with a normal vocal effort
- 20 x people in the indoor dining area – 50% speaking with a normal vocal effort
- Toilet exhaust fan
- AC condenser unit
- Freezer condenser unit

Table 6. Receiver levels – Scenario 1			
Receiver	L _{Aeq, 15 minutes} [dB] noise levels from the café	L _{Aeq, 15 minutes} [dB] Noise Criterion	Exceedance
R1	37	48	--
R2	31		--
R3	30		--
R4	31		--
R5	28		--
R6	29		--
R7	38		--
R8	41		--
R9	48		--
R10	28		--
R11	27		--
R12	27		--
R13	30		--
R14	31	63	--
R15	39	48	--
R16	40		--
R17	40		--
R18	36		--
R19	35		--
R20	33		--



5.4 RECOMMENDED NOISE CONTROLS

This report finds that the following noise control/noise management strategies are recommended for the proposed development:

- All windows for the first-floor café area must be kept closed during business operation.
- All windows must have a minimum thickness of 4 mm toughened glass.
- The café may operate at its proposed maximum capacity
- A 1.2-metre high noise barrier must be installed along the boundary of the rooftop dining area as identified in the architectural plans.

The barrier can be constructed out of any of the following materials:

- Double lapped 15mm thick timber fence palings offset so that there are no air gaps. This equates to a total barrier thickness of 30 mm; OR
- 15mm compressed fibre cement panels with no air gaps at the joins; OR
- 6mm compressed fibre cement panels on either side of a 50mm steel frame with fibre-glass insulation batts (14kg/m;) to the cavity; OR
- 110mm brick wall; OR
- 100mm concrete block wall; OR
- 15 mm polycarbonate panels; OR
- 12.38 mm laminated glass.

It is to be noted that gaps between the panels and the posts or the ground will significantly reduce the effectiveness of the noise barrier and may lead to non-compliant noise levels at the adjoining premises.

- The toilet exhaust fan's sound pressure level at 1-metre must not exceed 38 dB(A)
- The AC condenser unit's sound pressure level at 1-metre must not exceed 49 dB(A)
- The fridge/freezer condenser unit's sound pressure level at 1-metre must not exceed 50 dB(A)

Further to the three previous recommendations, a detailed mechanical plant noise assessment should be conducted at the detailed design stage when final mechanical plant selections have been made. Noise from the mechanical plant should be assessed cumulatively with all other noise-generating sources on the development site. There is, however, sufficient scope for noise from the mechanical plant to achieve the nominated noise criterion provided that selections are verified and recommendations are made at the detailed design stage. The adopted locations of the mechanical plant items are shown below

koikasacoustics

Date: Monday, 22nd August 2022

File Reference: 5151R20211213mj1NationalStreetRozelle_DAv2

Prepared For: Maximus Rigby Pty Ltd

Acoustical Report: Proposed Café Development, 1 National Street, Rozelle NSW

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in Figure 2.

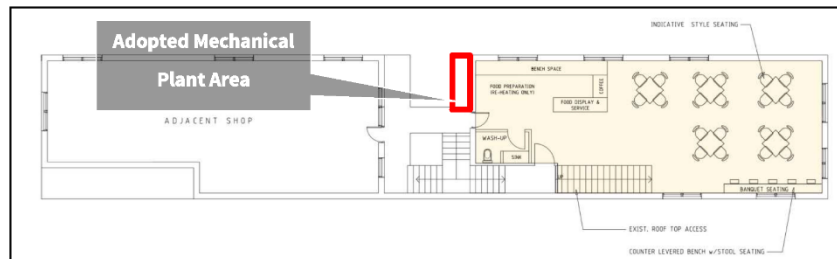


Figure 2: Adopted mechanical plant locations, located at 5.8 m above the natural ground level.

5.5 OFFENSIVE NOISE CHECKLIST (EPA NOISE GUIDE FOR LOCAL GOVERNMENT, 2013)

- *Is the noise loud in an absolute sense? Is it loud relative to other noise in the area?*

Noise at the subject site is dominated by road traffic noise from Darling Street, aircraft flyover events and surrounding commercial operations. Noise from the proposed café has been calculated to comply with the relevant noise control criterion and therefore should not be considered loud in relation to other noise in the area.
- *Does the noise include characteristics that make it particularly irritating?*

Some people may find noise characteristics of people talking irritating, however, noise levels are expected to be compliant with the adopted noise control criterion and therefore Koikas Acoustics expects limited comment for irritating characteristics based on the café’s operation.
- *Does the noise occur at times when people expect to enjoy peace & quiet?*

The café is only proposed to operate during the day and early evening periods and as such, noise during times when people expect peace and quiet should not occur.
- *Is the noise atypical for the area?*

The subject site is located near cafes, other commercial operations, a main local road and underneath an arrival flight path to Sydney Kingsford Smith airport. As such, noise from the proposed café is not considered atypical for the area.



- *Does the noise occur often?*

The café is proposed to operate 7 days a week, however, noise levels have been calculated to comply with the adopted noise control criteria.

- *Are several people affected by the noise?*

The site is nearby several residential and commercial properties, however, noise levels have been calculated to comply with the adopted noise control criteria, and therefore should not affect these residents/occupants.



6.0 CONCLUSION

Koikas Acoustics was requested to conduct an acoustical assessment and prepare a report for the proposed change of use to the existing commercial premises at 1 National Street, Rozelle. The acoustical report is to accompany a development application to be submitted to Inner West Council.

The assessment considers potential noise impacts to surrounding residents such that acceptable acoustic amenity is maintained.

Acoustic planning levels have been referenced from current EPA acoustic planning guidelines and requirements.

The included recommendations are based on designs prepared by Local Approvals.

The conclusions reached in this acoustical report should assist Council in making their determination of the proposal. A further detailed acoustical report may be required for the CC submission should the building design be amended, or as required by Council.

Of the assessed components of noise, the following conclusions have been reached:

1. The operational noise from the use of the café will comply with the nominated acoustic criteria, pending the recommendations provided in Section 5.4 being implemented correctly.
2. There is sufficient scope within the building design to achieve compliance with the mechanical plant noise criteria. A detailed mechanical plant noise assessment should be conducted at the detailed design stage when final mechanical plant selections have been made and assessed cumulatively with all other noise-generating sources on the development site.

In our professional opinion, there is sufficient scope within the proposed building design to achieve the applied acoustic planning guidelines.

koikasacoustics

Date: Monday, 22nd August 2022

File Reference: 5151R20211213mj1NationalStreetRozelle_DAv2

Prepared For: Maximus Rigby Pty Ltd

Acoustical Report: Proposed Café Development, 1 National Street, Rozelle NSW

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APPENDIX A

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APPENDIX A

Daily Rainfall (millimetres)

SYDNEY (OBSERVATORY HILL)

Station Number: 066214 · State: NSW · Opened: 2017 · Status: Open · Latitude: 33.86°S · Longitude: 151.20°E · Elevation: 43 m

2021	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1st	4.2	0.8	0.2	6.6	0	0	3.4	0	0	0	0	1.0
2nd	5.2	17.4	0	0	0	0	3.0	0	0	3.2	0	0
3rd	7.8	5.0	0.6	0	0	0	0.2	3.4	0	7.0	0	0.4
4th	0.6	0	0.4	0	0	7.8	0	0	0	0	0	0.2
5th	13.0	0	0.2	0	18.0	0.2	0	0	11.6	0	7.6	0.4
6th	1.6	0	0	0.6	25.4	0	0	0	0.8	0	0	1.0
7th	1.8	1.4	0	1.2	16.4	0	0	0	0.2	0	0.4	0
8th	5.4	0.2	0	6.8	0.4	0	0	0.8	0	0	9.6	15.4
9th	0	0	0	0	0	7.4	0	4.6	0	0	1.4	14.2
10th	0	2.4	0	0.2	0	0	5.2	0	0	0	0	18.4
11th	0	0.2	0.2	0	0	6.0	21.8	0.2	0	14.4	17.6	10.0
12th	0	0	1.8	0	0.4	0	0.2	0	0	2.0	16.8	0.4
13th	0	15.4	25.6	0	0.8	0	0.2	0	0	3.2	0.2	0
14th	0	14.4	22.8	0	0	0	0	0	18.4	8.2	0.4	
15th	0	0	21.6	0	0	0	1.8	0	4.8	10.0	0.8	
16th	0	7.8	0	0	0	0	0.2	0	0.4	0.8	0	
17th	0	9.2	13.6	0	0	6.2	2.0	0	0.2	0	0	
18th	0	0	9.8	0	0	0	0	0	0	0	0	
19th	0	7.0	54.4	0	0	1.8	0	0	2.4	0	1.0	
20th	1.2	0	47.6	0	0	10.8	0	0	0	0	0.2	
21st	0.2	0	110.4	0	0	9.4	0	0	0	0	13.0	
22nd	0	0	28.4	0	1.4	1.4	0	0	3.2	0	18.4	
23rd	0	0	46.8	0	0.2	0	0.4	0	0	0	2.8	
24th	0	30.2	19.4	0	1.0	0	0	32.6	0	3.6	0.4	
25th	0	4.6	0	0	2.6	0	0	39.8	0	2.2	6.0	
26th	0	4.2	2.0	0	0	0	0	0	3.0	0	21.4	
27th	0	0.2	0.2	0	0	0	0	0	0.4	0	17.0	
28th	19.0	0.2	0	0	0	0.6	0	0	0	0	2.0	
29th	7.8		0	0	0	3.2	0	0	0	0	0	
30th	29.6		4.2	0	0	25.6	0	0	2.4	0	0	
31st	0.4		7.2		0		0	0		0		
Highest daily	29.6	30.2	110.4	6.8	25.4	25.6	21.8	39.8	18.4	14.4	21.4	18.4
Monthly Total	97.8	120.6	417.4	15.4	66.6	80.4	38.4	81.4	47.8	54.6	137.0	

↓ This day is part of an accumulated total
 Quality control: 12.3 Done & acceptable, 12.3 Not completed or unknown



Product code: IDCJAC0009 reference: 81041869
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Daily Rainfall (millimetres)

SYDNEY (OBSERVATORY HILL)

Station Number: 066214 · State: NSW · Opened: 2017 · Status: Open · Latitude: 33.86°S · Longitude: 151.20°E · Elevation: 43 m

Statistics for this station calculated over all years of data

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Highest daily	33.0	164.8	110.4	10.2	53.4	42.0	84.6	39.8	27.8	44.2	104.2	27.6
Date of highest daily	18th 2020	10th 2020	21st 2021	30th 2018	26th 2020	20th 2018	27th 2020	25th 2021	19th 2019	5th 2018	28th 2018	21st 2018

1) Calculation of statistics

Summary statistics, other than the Highest and Lowest values, are only calculated if there are at least 20 years of data available.

2) Gaps and missing data

Gaps may be caused by a damaged instrument, a temporary change to the site operation, or due to the absence or illness of an observer.

3) Further information

<http://www.bom.gov.au/climate/cdo/about/about-rain-data.shtml>.



Product code: IDCJAC0009 reference: 81041869 Created on Mon 13 Dec 2021 12:03:14 PM AEDT

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Contact us using details on <http://www.bom.gov.au/climate/how/contacts.shtml>.

We have taken all due care but cannot provide any warranty nor accept any liability for this information.

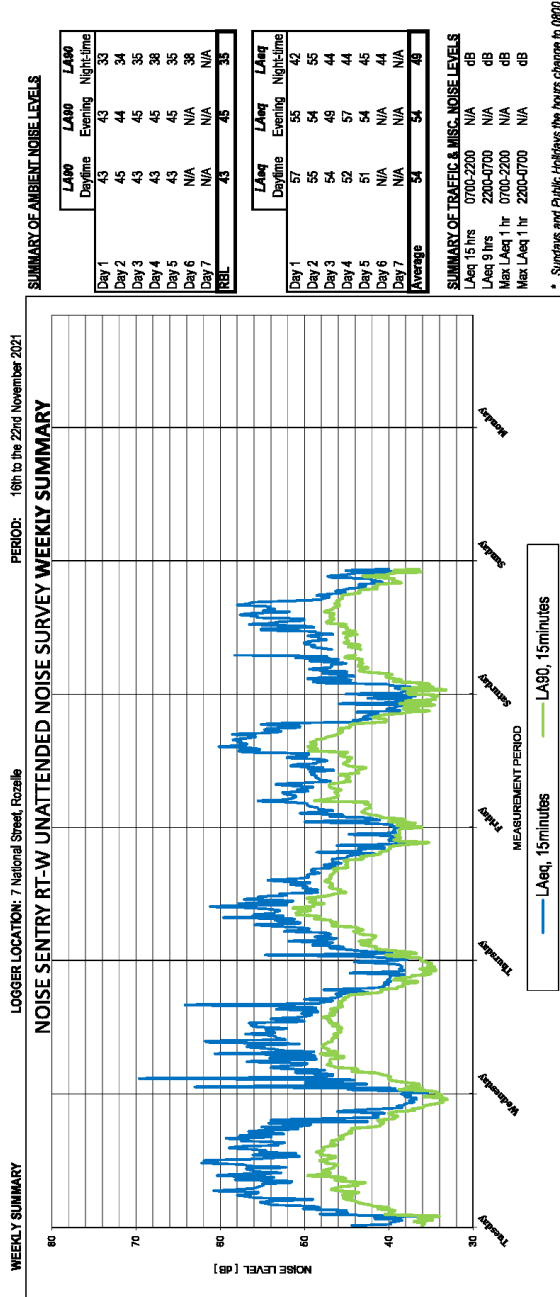
<http://www.bom.gov.au/other/copyright.shtml>

APPENDIX B

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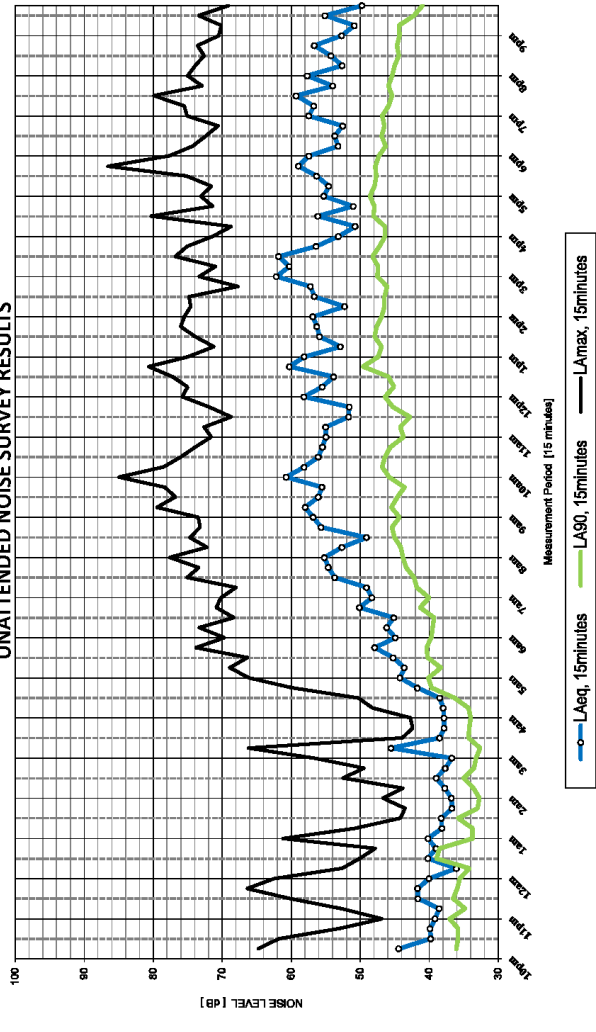
B**

APPENDIX B



DAY 1
 LOGGER LOCATION: 7 National Street, Rozelle
 DATE: Tuesday, 16 November 2021

UNATTENDED NOISE SURVEY RESULTS



AMBIENT BACKGROUND NOISE METRICS

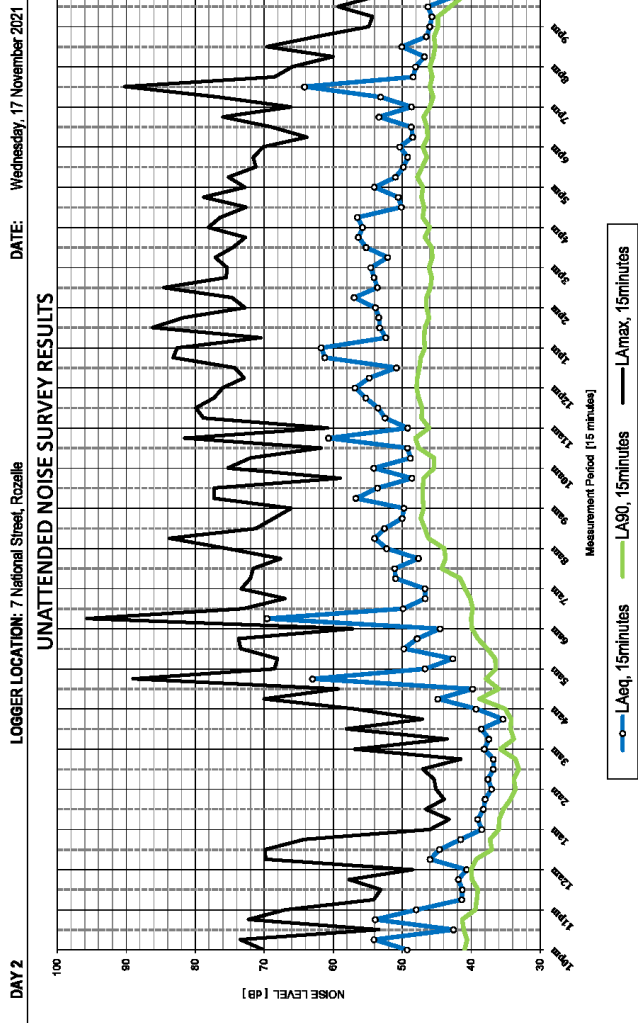
Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	43	dB
LA90 Evening	1800-2200	43	dB
LA90 Night-time	2200-0700	33	dB

AMBIENT NOISE METRICS

LAeq Daytime	0700-1800	57	dB
LAeq Evening	1800-2200	55	dB
LAeq Night-time	2200-0700	42	dB

TRAFFIC & MISC. NOISE METRICS

LAeq 15 hours	0700-2200	56	dB
LAeq 9 hours	2200-0700	42	dB
Max LAeq 1 hour	0700-2200	58	dB
Max LAeq 1 hour	2200-0700	46	dB



AMBIENT BACKGROUND NOISE METRICS

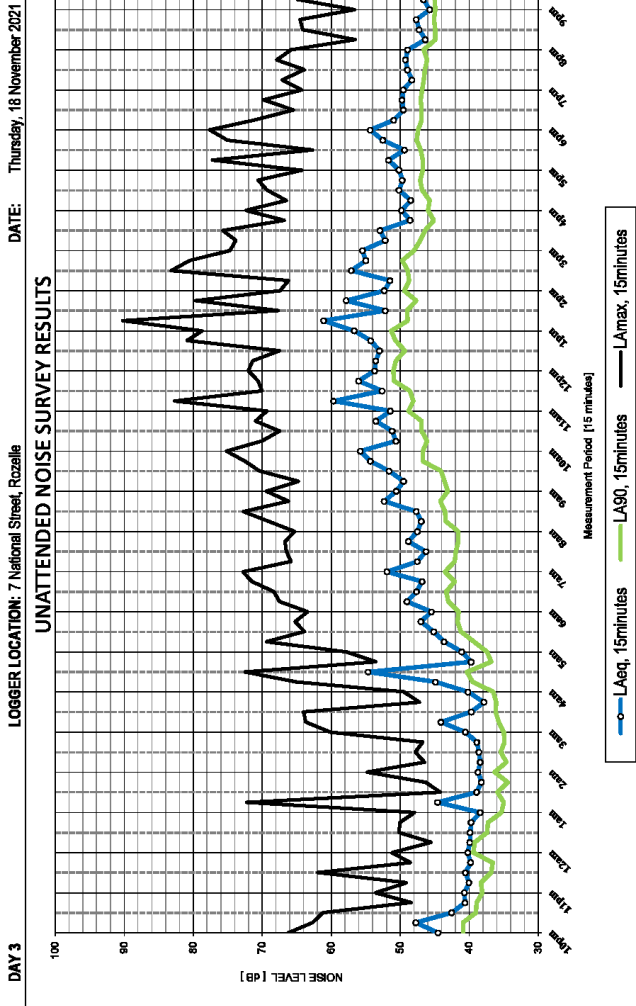
Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	45	dB
LA90 Evening	1800-2200	44	dB
LA90 Night-time	2200-0700	34	dB

AMBIENT NOISE METRICS

LAeq Daytime	0700-1800	55	dB
LAeq Evening	1800-2200	54	dB
LAeq Night-time	2200-0700	55	dB

TRAFFIC & MISC. NOISE METRICS

LAeq 15 hours	0700-2200	54	dB
LAeq 9 hours	2200-0700	55	dB
Max LAeq 1 hour	0700-2200	59	dB
Max LAeq 1 hour	2200-0700	57	dB



AMBIENT BACKGROUND NOISE METRICS

Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	43	dB
LA90 Evening	1800-2200	45	dB
LA90 Night-time	2200-0700	35	dB

AMBIENT NOISE METRICS

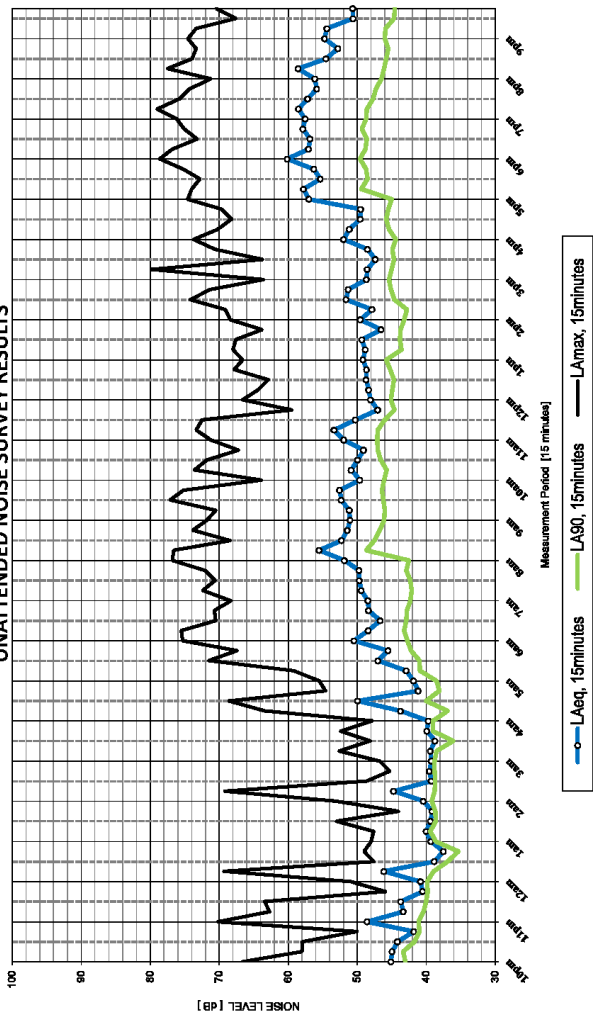
LAeq Daytime	0700-1800	54	dB
LAeq Evening	1800-2200	49	dB
LAeq Night-time	2200-0700	44	dB

TRAFFIC & MISC. NOISE METRICS

LAeq 15 hours	0700-2200	53	dB
LAeq 9 hours	2200-0700	44	dB
Max LAeq 1 hour	0700-2200	56	dB
Max LAeq 1 hour	2200-0700	49	dB

DAY 4
 LOGGER LOCATION: 7 National Street, Rozelle
 DATE: Friday, 19 November 2021

UNATTENDED NOISE SURVEY RESULTS



AMBIENT BACKGROUND NOISE METRICS

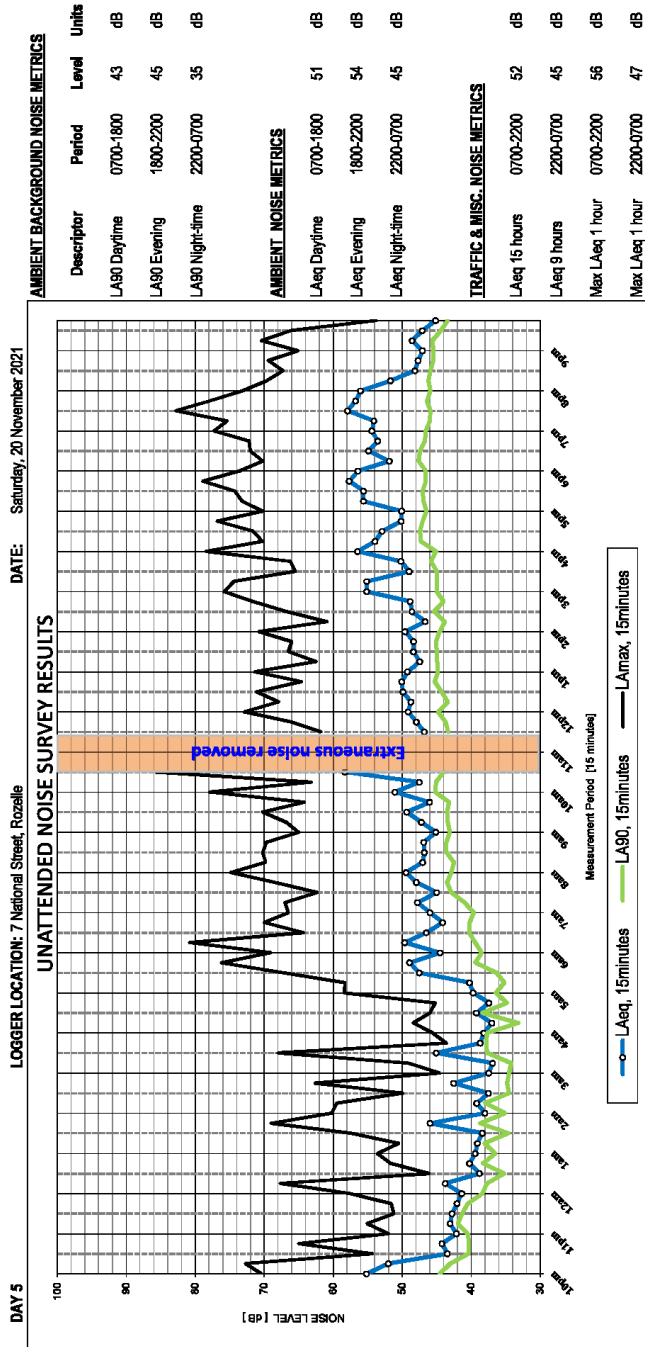
Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	43	dB
LA90 Evening	1800-2200	45	dB
LA90 Night-time	2200-0700	38	dB

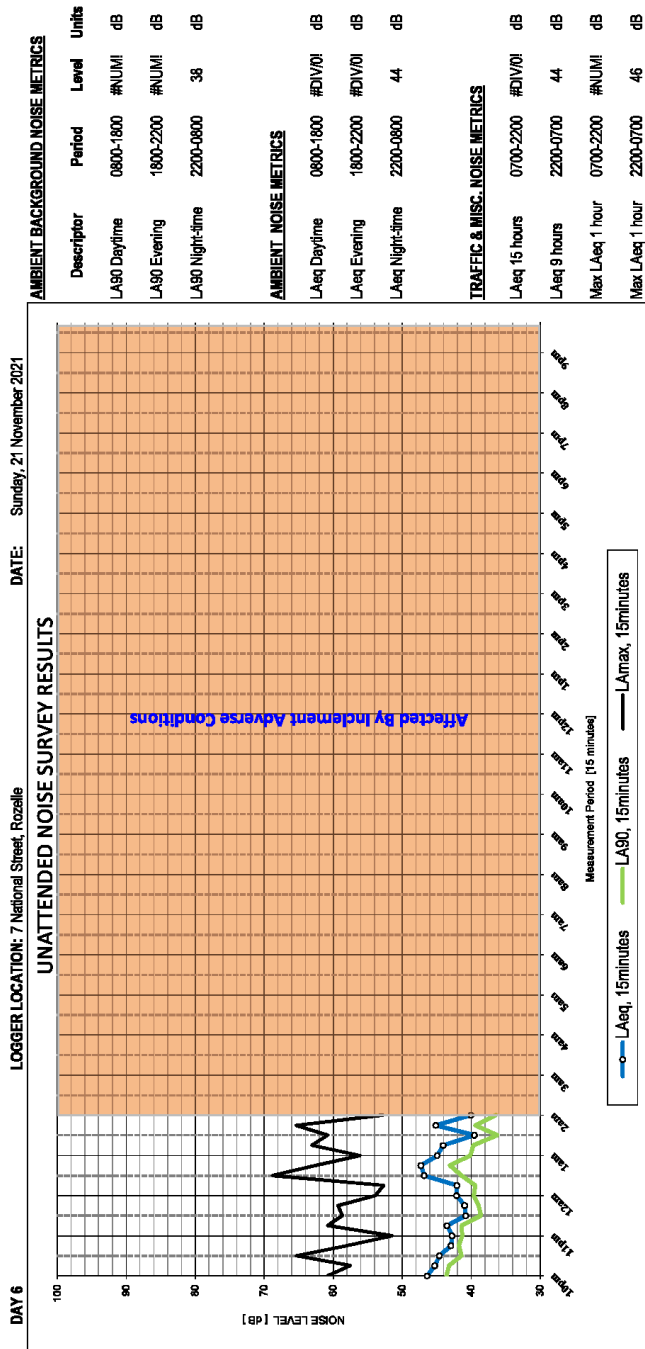
AMBIENT NOISE METRICS

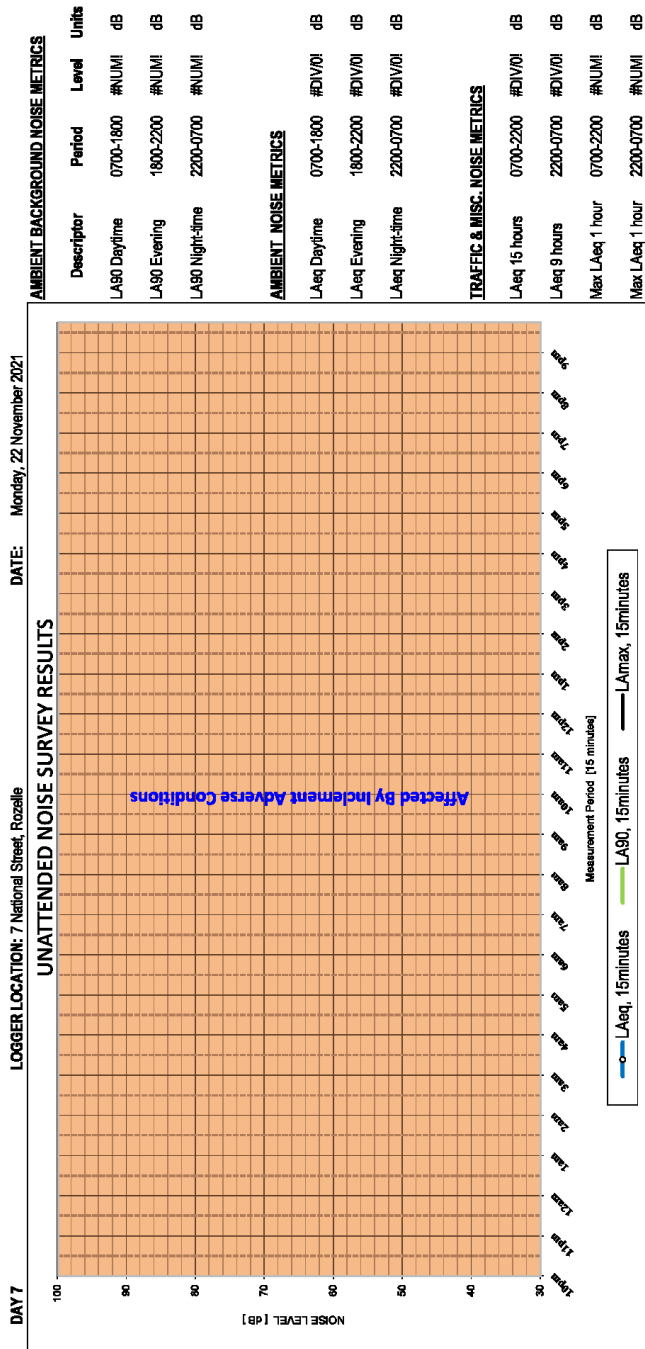
LAeq Daytime	0700-1800	52	dB
LAeq Evening	1800-2200	57	dB
LAeq Night-time	2200-0700	44	dB

TRAFFIC & MISC. NOISE METRICS

LAeq 15 hours	0700-2200	54	dB
LAeq 9 hours	2200-0700	44	dB
Max LAeq 1 hour	0700-2200	57	dB
Max LAeq 1 hour	2200-0700	47	dB

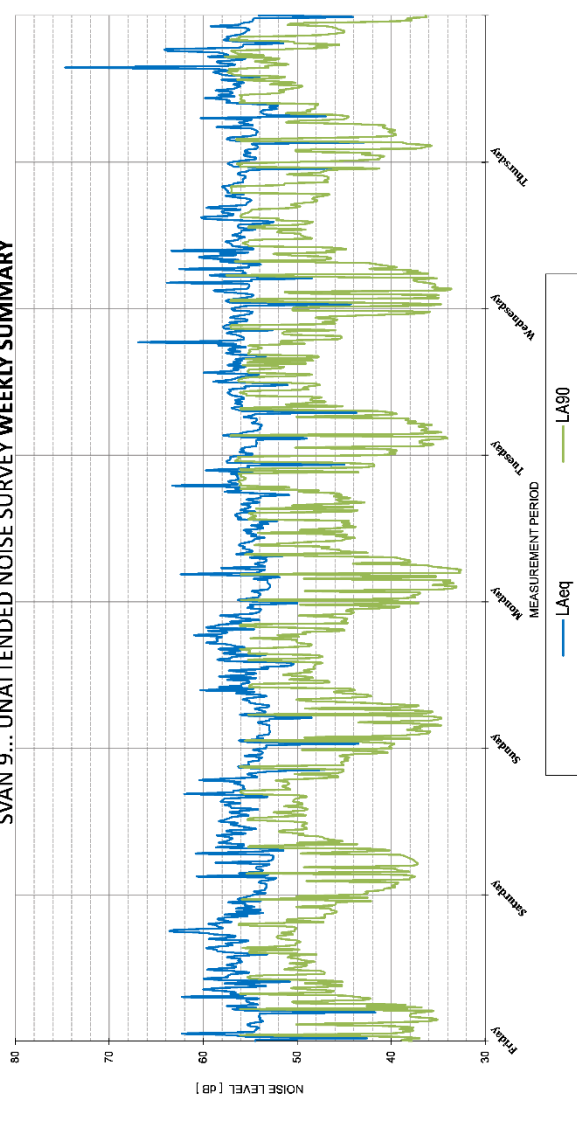






WEEKLY SUMMARY
 LOGGER LOCATION: 644 Darling Street, Rozelle
 PERIOD: 28th May - 3rd June 2021

SVAN 9... UNATTENDED NOISE SURVEY WEEKLY SUMMARY



Sundays and Public Holidays the hours change to 0800

SUMMARY OF AMBIENT LEVELS

	LA90 Daytime	LA90 Evening	LA90 Night-time
Day 1	45	46	36
Day 2	46	45	38
Day 3	45	45	36
Day 4	44	48	33
Day 5	47	46	36
Day 6	46	47	35
Day 7	48	45	39
RBL	46	46	36

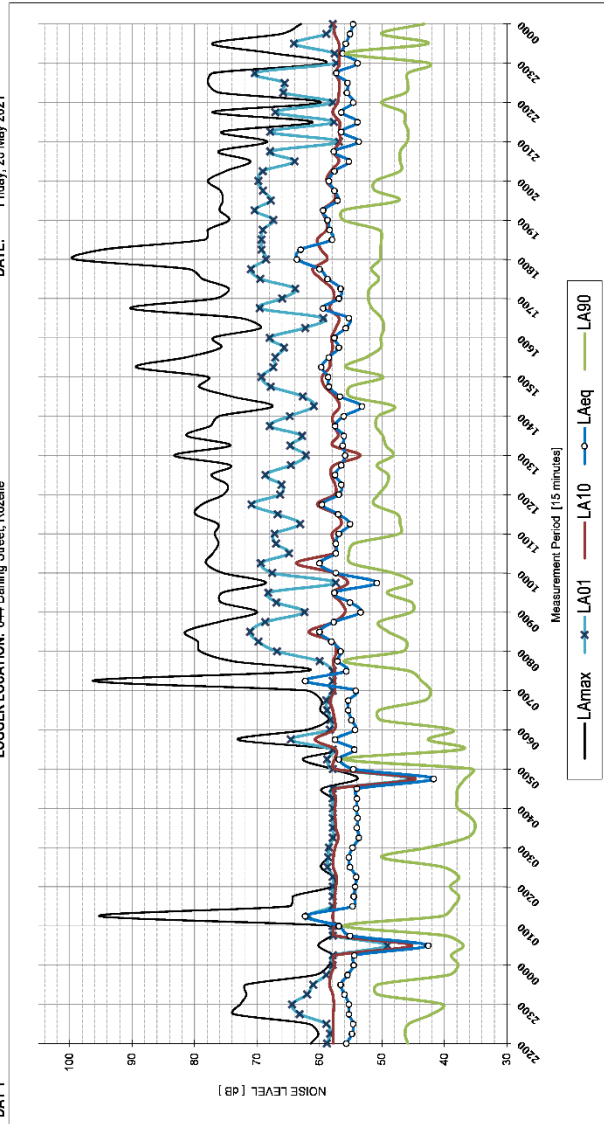
	LAeq Daytime	LAeq Evening	LAeq Night-time
Day 1	58	59	55
Day 2	57	56	55
Day 3	56	58	54
Day 4	55	58	55
Day 5	56	59	55
Day 6	57	57	57
Day 7	61	58	56
Average	57	56	55

SUMMARY OF TRAFFIC LEVELS

LAeq 15 hrs	0700-2200	58	dB
LAeq 9 hrs	2200-0700	55	dB
Max LAeq 1 hr	0700-2200	59	dB
Max LAeq 1 hr	2200-0700	56	dB

Maximum noise events as defined in the Environmental Noise Management Manual 7 day average - [LAmax - LAeq ≥ 15]	5
---------------------------------------------------------------------------------------------------------------------	---

DAY 1
 LOGGER LOCATION: 644 Drafting Street, Rozelle
 DATE: Friday, 28 May 2021



AMBIENT NOISE METRICS			
Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	45	dB
LA90 Evening	1800-2200	46	dB
LA90 Night-time	2200-0700	36	dB
LAeq Daytime	0700-1800	58	dB
LAeq Evening	1800-2200	59	dB
LAeq Night-time	2200-0700	55	dB
TRAFFIC & MISC. NOISE METRICS			
LAeq 15 hours	0700-2200	58	dB
LAeq 9 hours	2200-0700	55	dB
Max LAeq 1 hour	0700-2200	59	dB
Max LAeq 1 hour	2200-0700	56	dB

Maximum noise events as defined in the Environmental Noise Management Manual [LAmax - LAeq ≥ 15]

7

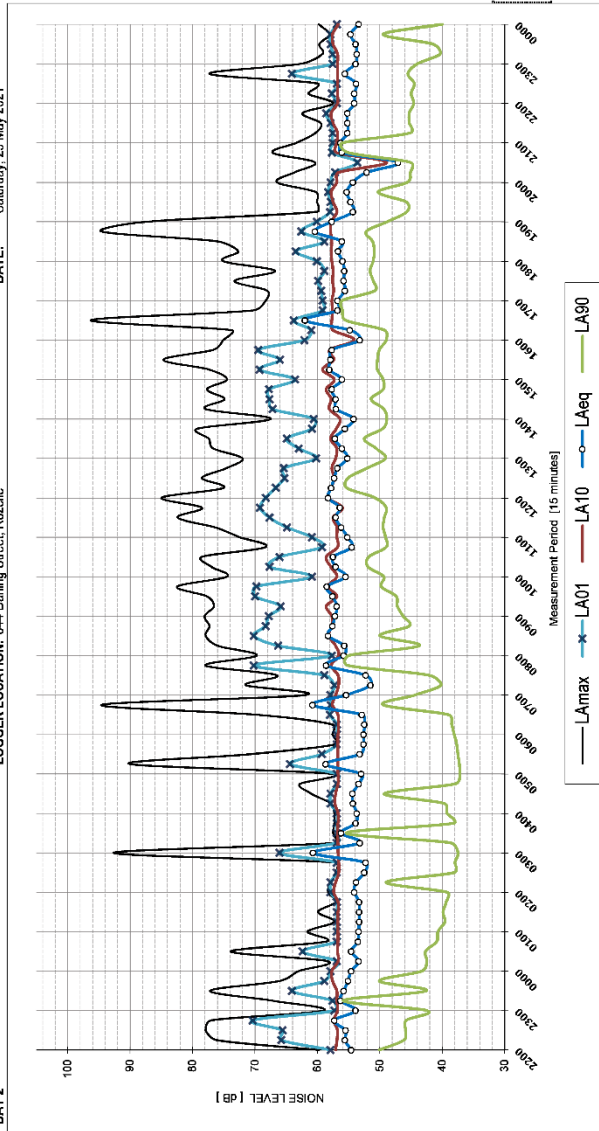
Descriptor	Period	Start	End	31.5	63	125	250	500	1000	2000	4000	8000	Total A
10% min LA90 Daytime	7:00 AM - 6:00 PM	20	29	33	37	41	36	28	28	28	24	18	45
10% min LA90 Evening	6:00 PM - 10:00 PM	18	29	34	38	40	42	35	29	21	21	21	46
10% min LA90 Night	10:00 PM - 7:00 AM	16	21	24	27	30	32	28	28	24	18	18	36
10% min LA90 Period	7:00 AM - 10:00 PM	19	29	34	37	40	41	36	29	21	21	21	46
10% min LA90 Period	10:00 PM - 7:00 AM	16	21	24	27	30	32	28	28	24	18	18	36
LAeq 15 hours	7:00 AM - 10:00 PM	29	38	46	48	52	53	50	46	42	37	37	55
LAeq 9 hours	10:00 PM - 7:00 AM	23	32	44	45	49	51	48	43	37	37	37	55
Max LAeq 1 hour Day	7:00 AM - 10:00 PM	29	38	47	49	53	54	50	45	45	45	45	59
Max LAeq 1 hour Night	10:00 PM - 7:00 AM	22	33	46	47	51	53	51	46	46	46	46	59



DAY 2

LOGGER LOCATION: 644 Darling Street, Rozelle

DATE: Saturday, 29 May 2021



AMBIENT NOISE METRICS

Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	46	dB
LA90 Evening	1800-2200	45	dB
LA90 Night-time	2200-0700	38	dB
LAeq Daytime	0700-1800	57	dB
LAeq Evening	1800-2200	56	dB
LAeq Night-time	2200-0700	55	dB

TRAFFIC & MISC. NOISE METRICS

LAeq 15 hours	0700-2200	57	dB
LAeq 9 hours	2200-0700	55	dB
Max LAeq 1 hour	0700-2200	58	dB
Max LAeq 1 hour	2200-0700	56	dB

Maximum noise events as defined in the Environmental Noise Management Manual [LAmax - LAeq ≥ 15]

10

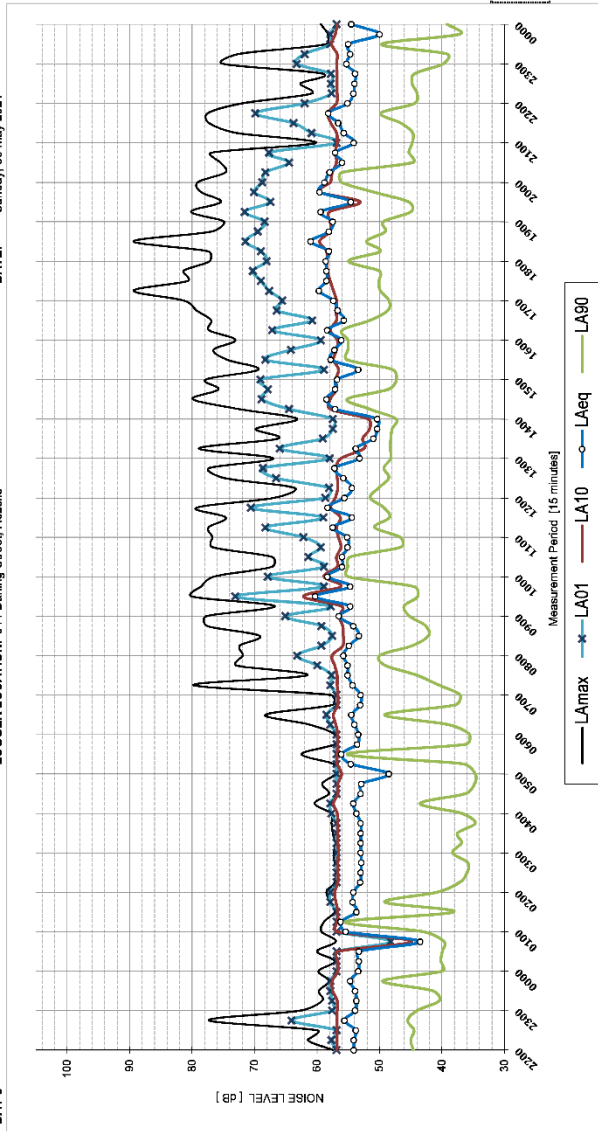
Descriptor	Period		Frequency [Hz]										Total A
	Start	End	31.5	63	125	250	500	1000	2000	4000	8000	16000	
10% min LA90 Daytime	7:00 AM	6:00 PM	19	29	34	38	40	35	29	21	21	46	
10% min LA90 Evening	6:00 PM	10:00 PM	17	29	33	36	39	41	35	29	21	45	
10% min LA90 Night	10:00 PM	7:00 AM	16	21	26	30	31	33	28	23	18	38	
10% min LA90 Period	7:00 AM	10:00 PM	17	29	33	37	39	41	35	29	21	45	
10% min LA90 Period	10:00 PM	7:00 AM	15	21	26	30	31	33	28	23	17	38	
LAeq 15 hours	7:00 AM	10:00 PM	28	37	45	47	50	52	49	44	39	57	
LAeq 9 hours	10:00 PM	7:00 AM	22	31	43	45	48	50	48	44	39	55	
Max LAeq 1 hour Day	7:00 AM	10:00 PM	29	37	46	48	52	53	50	45	45	58	
Max LAeq 1 hour Night	10:00 PM	7:00 AM	23	32	43	46	49	51	49	44	44	54	



DATE: Sunday, 30 May 2021

LOGGER LOCATION: 644 Darling Street, Rozelle

DAY 3



AMBIENT NOISE METRICS			
Descriptor	Period	Level	Units
LA90 Daytime	0800-1800	45	dB
LA90 Evening	1800-2200	45	dB
LA90 Night-time	2200-0800	36	dB
LAeq Daytime	0800-1800	56	dB
LAeq Evening	1800-2200	58	dB
LAeq Night-time	2200-0800	54	dB

TRAFFIC & MISC. NOISE METRICS			
LAeq 15 hours	0700-2200	57	dB
LAeq 9 hours	2200-0700	54	dB
Max LAeq 1 hour	0700-2200	59	dB
Max LAeq 1 hour	2200-0700	54	dB

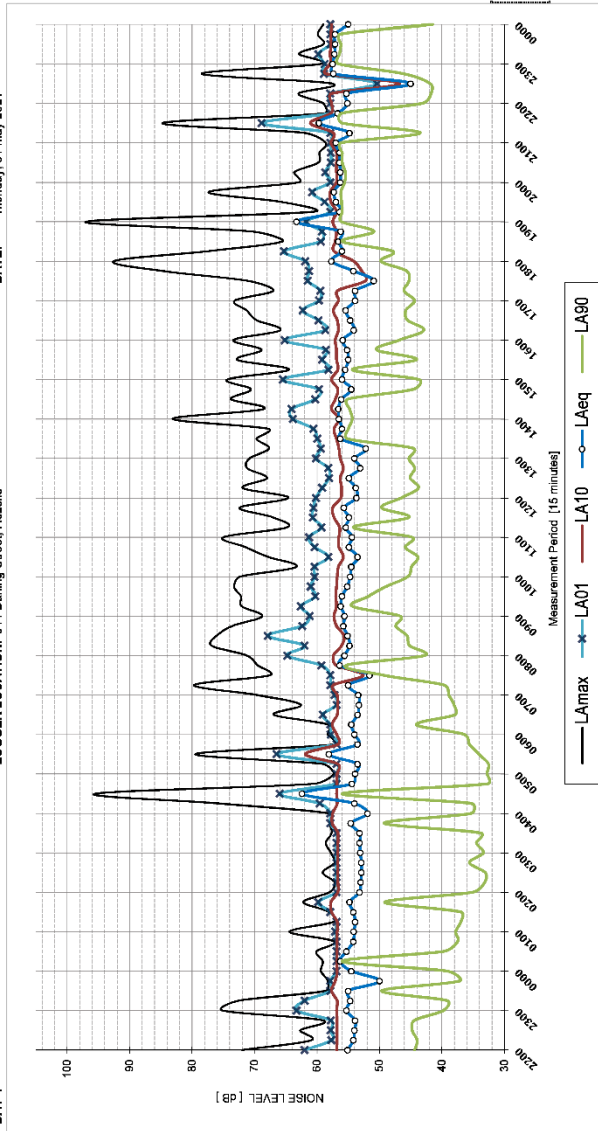
Maximum noise events as defined in the Environmental Noise Management Manual [L_{max} - LA_{eq} ≥ 15]

1

Descriptor	Period		Frequency [Hz]										Total A
	Start	End	31.5	63	125	250	500	1000	2000	4000	8000		
10% min LA90 Daytime	8:00 AM	6:00 PM	18	27	34	37	38	40	35	28	22	45	
10% min LA90 Evening	6:00 PM	10:00 PM	17	29	33	36	39	41	35	29	22	45	
10% min LA90 Night	10:00 PM	8:00 AM	16	20	25	28	29	31	27	23	17	36	
10% min LA90 Period	7:00 AM	10:00 PM	17	28	33	36	38	40	35	28	21	44	
10% min LA90 Period	10:00 PM	7:00 AM	13	20	25	28	29	31	26	22	16	36	
LAeq 15 hours	7:00 AM	10:00 PM	26	35	45	47	51	52	49	44	38	57	
LAeq 9 hours	10:00 PM	7:00 AM	21	30	42	44	47	50	46	41	32	54	
Max LAeq 1 hour Day	7:00 AM	10:00 PM	25	35	46	48	53	54	51	45	37	59	
Max LAeq 1 hour Night	7:00 AM	10:00 PM	21	30	43	45	48	50	47	42	37	54	



DAY 4
 DATE: Monday, 31 May 2021
 LOGGER LOCATION: 644 Darling Street, Rozelle



AMBIENT NOISE METRICS			
Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	44	dB
LA90 Evening	1800-2200	48	dB
LA90 Night-time	2200-0700	33	dB
LAeq Daytime	0700-1800	55	dB
LAeq Evening	1800-2200	58	dB
LAeq Night-time	2200-0700	55	dB

TRAFFIC & MISC. NOISE METRICS			
LAeq 15 hours	0700-2200	56	dB
LAeq 9 hours	2200-0700	55	dB
Max LAeq 1 hour	0700-2200	57	dB
Max LAeq 1 hour	2200-0700	57	dB

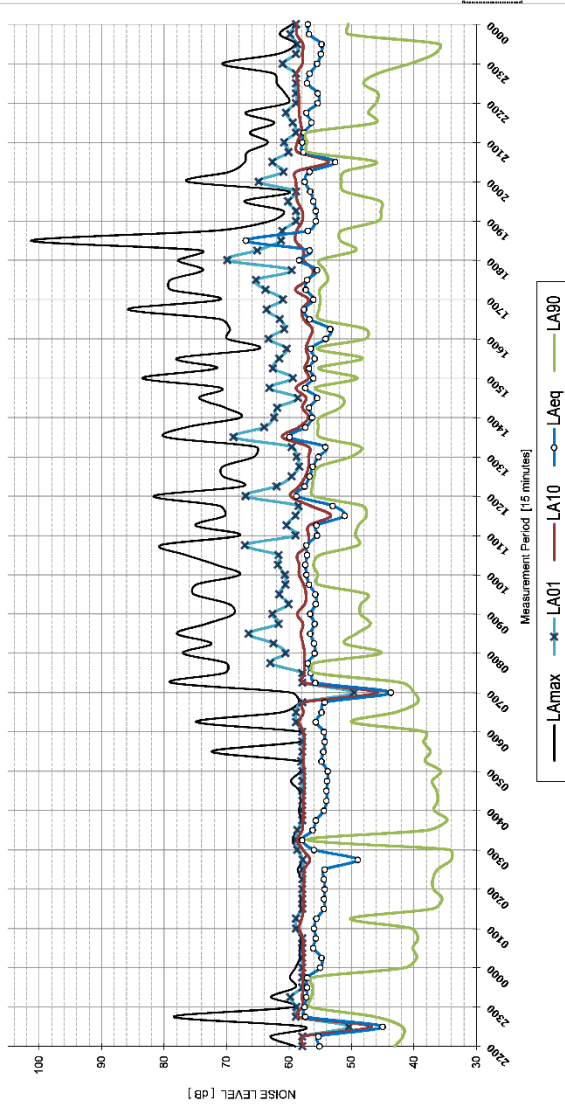
Maximum noise events as defined in the Environmental Noise Management Manual [L_{Amax} - LA_{eq} ≥ 15]

6

Descriptor	Period		Frequency [Hz]										Total A
	Start	End	31.5	63	125	250	500	1000	2000	4000	8000		
10% min LA90 Daytime	7:00 AM	6:00 PM	19	27	33	36	37	39	35	29	22	44	
10% min LA90 Evening	6:00 PM	10:00 PM	22	30	37	38	40	44	42	37	28	48	
10% min LA90 Night	10:00 PM	7:00 AM	16	18	23	26	27	24	22	17	17	33	
10% min LA90 Period	7:00 AM	10:00 PM	19	27	33	36	37	39	35	29	22	44	
10% min LA90 Period	10:00 PM	7:00 AM	13	18	23	25	27	28	24	21	15	33	
LAeq 9 hours	10:00 PM	7:00 AM	23	32	44	44	48	51	49	45	39	56	
LAeq 15 hours	7:00 AM	10:00 PM	26	35	46	46	50	53	50	45	37	57	
Max LAeq 1 hour Day	7:00 AM	10:00 PM	21	33	47	47	50	52	50	46	37	57	
Max LAeq 1 hour Night	10:00 PM	7:00 AM	21	33	47	47	50	52	50	46	37	57	



DAY 5
 LOGGER LOCATION: 644 Darling Street, Rozelle
 DATE: Tuesday, 1 June 2021



AMBIENT NOISE METRICS			
Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	47	dB
LA90 Evening	1800-2200	46	dB
LA90 Night-time	2200-0700	36	dB
LAeq Daytime	0700-1800	56	dB
LAeq Evening	1800-2200	59	dB
LAeq Night-time	2200-0700	55	dB
TRAFFIC & MISC. NOISE METRICS			
LAeq 15 hours	0700-2200	57	dB
LAeq 9 hours	2200-0700	55	dB
Max LAeq 1 hour	0700-2200	57	dB
Max LAeq 1 hour	2200-0700	56	dB

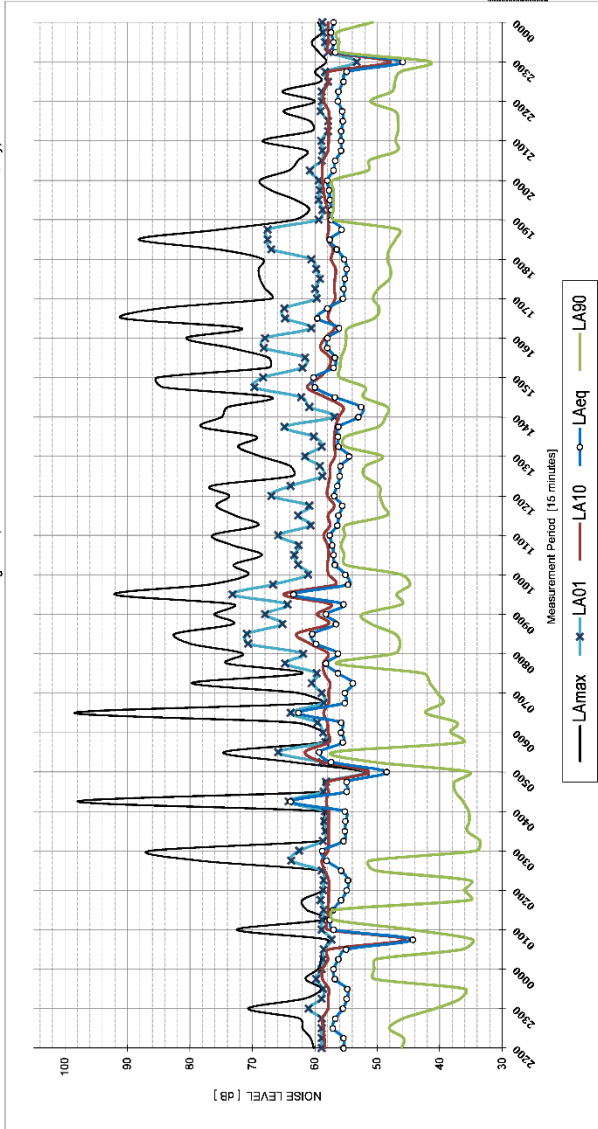
Maximum noise events as defined in the Environmental Noise Management Manual [L_{max} - LA_{eq} ≥ 15]

3

Descriptor	Period		Frequency [Hz]												Total A
	Start	End	31.5	63	125	250	500	1000	2000	4000	8000	Total A			
10% min LA90 Daytime	7:00 AM	6:00 PM	22	32	39	40	41	42	38	32	24	47			
10% min LA90 Evening	6:00 PM	10:00 PM	20	32	35	37	40	41	35	30	23	46			
10% min LA90 Night	10:00 PM	7:00 AM	16	22	26	29	28	29	28	24	19	36			
10% min LA90 Period	7:00 AM	10:00 PM	21	33	36	38	40	41	38	31	23	46			
10% min LA90 Period	10:00 PM	7:00 AM	15	21	26	29	28	30	26	23	18	36			
LAeq 15 hours	7:00 AM	10:00 PM	30	39	47	46	45	50	52	46	42	57			
LAeq 9 hours	10:00 PM	7:00 AM	21	31	46	45	49	51	48	43	34	55			
Max LAeq 1 hour Day	7:00 AM	10:00 PM	29	39	47	47	51	53	50	45	38	57			
Max LAeq 1 hour Night	10:00 PM	7:00 AM	21	32	47	46	50	52	49	44	38	57			



DAY 6
 LOGGER LOCATION: 644 Darling Street, Rozelle
 DATE: Wednesday, 2 June 2021



AMBIENT NOISE METRICS

Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	46	dB
LA90 Evening	1800-2200	47	dB
LA90 Night-time	2200-0700	35	dB
LAeq Daytime	0700-1800	57	dB
LAeq Evening	1800-2200	57	dB
LAeq Night-time	2200-0700	57	dB

TRAFFIC & MISC. NOISE METRICS

LAeq 15 hours	0700-2200	57	dB
LAeq 9 hours	2200-0700	57	dB
Max LAeq 1 hour	0700-2200	59	dB
Max LAeq 1 hour	2200-0700	59	dB

Maximum noise events as defined in the Environmental Noise Management Manual [LAeq ≥ 15]

7

Descriptor	Start	End	Frequency [Hz]												Total A
			31.5	63	125	250	500	1000	2000	4000	8000	16000	31500	63000	
10% min LA90 Daytime	7:00 AM	6:00 PM	22	32	36	38	39	41	38	32	24	24	24	24	46
10% min LA90 Evening	6:00 PM	10:00 PM	22	33	37	39	40	42	37	30	23	23	23	47	
10% min LA90 Night	10:00 PM	7:00 AM	16	23	26	28	28	29	25	23	18	18	18	35	
10% min LA90 Period	7:00 AM	10:00 PM	22	32	36	38	40	41	37	31	23	23	23	46	
10% min LA90 Period	10:00 PM	7:00 AM	15	23	25	28	28	29	25	22	17	17	17	35	
LAeq 15 hours	7:00 AM	10:00 PM	30	39	47	46	50	52	49	46	40	46	40	57	
LAeq 9 hours	10:00 PM	7:00 AM	24	34	46	46	51	53	50	45	41	45	41	57	
Max LAeq 1 hour Day	7:00 AM	10:00 PM	31	41	47	48	52	54	51	49	42	49	42	59	
Max LAeq 1 hour Night	10:00 PM	7:00 AM	25	34	46	47	52	54	52	46	42	46	42	54	

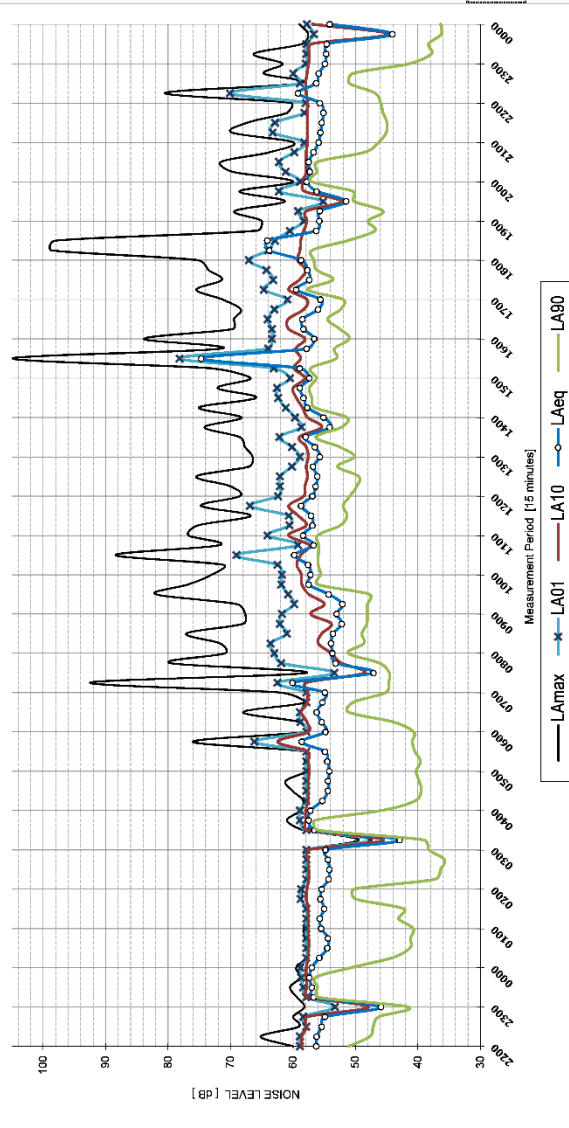


CONSULTANTS IN NOISE & VIBRATION

DATE: Thursday, 3 June 2021

LOGGER LOCATION: 644 Darling Street, Rozelle

DAY 7



AMBIENT NOISE METRICS			
Descriptor	Period	Level	Units
LA90 Daytime	0700-1800	48	dB
LA90 Evening	1800-2200	45	dB
LA90 Night-time	2200-0700	39	dB
LAeq Daytime	0700-1800	61	dB
LAeq Evening	1800-2200	58	dB
LAeq Night-time	2200-0700	56	dB
TRAFFIC & MISC. NOISE METRICS			
LAeq 15 hours	0700-2200	60	dB
LAeq 9 hours	2200-0700	56	dB
Max LAeq 1 hour	0700-2200	62	dB
Max LAeq 1 hour	2200-0700	56	dB

Maximum noise events as defined in the Environmental Noise Management Manual (LAmax - LAeq ≥ 15)

1

Descriptor	Period		Frequency [Hz]												Total A
	Start	End	31.5	63	125	250	500	1000	2000	4000	8000	16000	31500		
10% min LA90 Daytime	7:00 AM	6:00 PM	24	35	40	41	41	42	37	31	23	18	13	8	48
10% min LA90 Evening	6:00 PM	10:00 PM	20	31	35	37	39	40	35	31	25	18	13	8	45
10% min LA90 Night	10:00 PM	7:00 AM	17	25	30	32	32	33	27	23	18	13	8	39	
10% min LA90 Period	7:00 AM	10:00 PM	21	31	36	38	39	41	35	28	23	18	13	46	
10% min LA90 Period	10:00 PM	7:00 AM	17	25	29	32	32	33	28	23	18	13	8	39	
LAeq 9 hours	7:00 AM	10:00 AM	30	38	46	48	49	51	54	51	48	43	35	60	
LAeq 15 hours	10:00 PM	7:00 AM	27	34	46	45	49	51	48	43	35	28	23	56	
Max LAeq 1 hour Day	7:00 AM	10:00 PM	32	40	48	50	53	57	55	52	48	44	38	62	
Max LAeq 1 hour Night	10:00 PM	7:00 AM	26	34	47	46	50	52	49	44	38	31	25	52	



APPENDIX C

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APPENDIX C

