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Acoustic Report

For Proposed Extension of Food Truck Operating Hours at

No. 422 Hume Hwy, Yagoona

Prepared By: Domeniki Tsagaris (MIE. Aust), B.E.(UNSW)
Australian Acoustical Society (Sub).
Approved By: Moussa Zaioor (M.I.E. Aust), CPENG
Australian Acoustical Society (Member).

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DOCUMENT CONTROL

Date	*Revision History*	*Prepared By*	*Reviewed and Authorised by*
01/03/2024	Initial Report	Domeniki Tsagaris	Moussa Zaioor
19/03/2024	For Submission	Domeniki Tsagaris	Moussa Zaioor

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1.0 CONSULTING BRIEF

Acoustic, Noise & Vibration Solutions Pty Ltd was engaged to investigate the environmental noise impact on the surrounding environment of the proposed extension of operating hours for the existing Food Truck at No. 422 Hume Hwy, Yagoona as per Canterbury Bankstown Council requirements.

As per our calculations and the acoustical study below, the proposed extension of operating hours is to comply with the requirements of the NSW Noise Policy for Industry (2017), Noise Guide for Local Government, and NSW Road Noise Policy and Canterbury Bankstown Council Requirements.

This commission involves the following:

- Inspect the site and environs.
- Measure the background noise levels at critical locations and times.
- Prepare an Environmental Noise Impact Report.
- Establish acceptable noise level criterion.
- Quantify noise emissions from the proposed extension of operating hours
- Calculate the level of noise emission, taking into account building envelope transmission loss, screen walls and distance attenuation.
- Provide in principle noise control recommendations (if necessary).

2.0 SCOPE AND INTRODUCTION

The existing Food Truck located at No. 422 Hume Hwy, Yagoona (Figure 1 – Site Location) is currently approved to operate from 3:00 pm – 10:00 pm Monday to Sunday. A proposal has been submitted to Council that seeks to extend the current operating hours by 2 to 3 hours as per Table 2.1 below.

Table 2.1 – Existing and Proposed Hours of Operation of Food Truck

DAY	CURRENT HOURS OF OPERATION	PROPOSED HOURS OF OPERATION
Monday to Thursday	**3:00 pm – 10:00pm**	**3:00 pm – 12:00 am**
Friday to Sunday	**3:00 pm – 10:00pm**	**3:00 pm – 1:00 am**

There are no proposed changes to any other aspects of the existing development, only the hours of operation.

The site is located in a predominantly commercial and residential area with background noise levels dominated by traffic noise arising from Hume Hwy, as well as operational noise from the commercial premises surrounding the subject site (Figure 2 – Surrounding Environment).

The nearest residential receivers that have the potential to be impacted by the proposed extension of operating hours are located as per Table 2.2 below (Figure 3 – Nearest Residential Receivers).

Table 2.2 – Nearest Residential Receivers

Receiver	Address	Type of Dwelling
R1	No. 87 Caldwell Pd, Yagoona (East of the site)	Single Storey Dwelling
R2	No. 85 Caldwell Pd, Yagoona (East of the site)	Single Storey Dwelling
R3	No. 83 Caldwell Pd, Yagoona (East of the site)	Double Storey Dwelling
R4	No. 126 Caldwell Pd, Yagoona (North of the site)	Single Storey Dwelling

The noise emissions from the proposed extension of operating hours must not exceed the acceptable levels at the locations of the receivers. The noise controls in Section 6 of this report are reasonable and feasible in reducing the noise to an acceptable level.

3.0 NOISE SURVEY, INSTRUMENTATION & RESULTS

On March 9th, 2024, an engineer from this office visited the site to inspect the surroundings and carry out noise measurements for the proposed extension of operating hours. Unattended noise readings were carried out **north of the site away from any existing noise that might be associated with any existing use of the Food Truck**. Noise readings were carried out near the rear building line of No. 396 Hume Hwy (Figure 4 – Noise Reading Location- Point A). [Mr. Leo 0415 801 989]

The unattended environmental noise monitoring was carried out from March 9, 2024 till March 16th, 2024. All measurements were taken in accordance with the Australian Standards AS 1055:2018 "*Acoustics – Description and Measurements of Environmental Noise*".

The unattended sound level measurements and analysis performed throughout this project are carried out with NSRTW_MK1 wireless sound level data loggers (Serial No. CPp0Dd04c19iLtiSwBRPD- Office Tag- machine 1). The sound loggers' specifications are as follows:

- Type 1 digital MEMS microphone
- Non-volatile 128 Mb recording memory
- Records L-max, L-min and Leq levels
- Log interval adjustable from 125 ms (8 points per second) up to hours
- A, C and Z weighting curves
- Oscilloscope and spectrum analyser features
- Observes and records 100% of the acoustic signal
- Software calculates global Leq according to ISO and OSHA methods
- WIFI connectivity to report measured levels remotely
- Weatherproof casing designed for indoor/outdoor applications
- Activity detection and logging.
- Long-term measurement and recording of acoustic levels for environmental impact studies.

The logger is factory calibrated and has a calibration certificate dated 14/08/2023 as shown in Figure 5 - Calibration Certificate.

The microphone was positioned 1.5m from ground level. The machine was calibrated prior and after reading using our Svantek SV 33A S/N: 90200 class 1 Calibrator with No significant drift recorded. Any noise readings affected by strong wind or rain have been disregarded [1]. A Summary of those readings are presented in the tables below

The Full Average Statistical Noise Parameters $\mathbf{L_{(Aeq,\ 15\ minutes)}}$, $\mathbf{L_{(A90,\ 15\ minutes)}}$, $\mathbf{L_{(A10,\ 15\ minutes)}}$, $\mathbf{L_{(A1,\ 15\ minutes)}}$ are presented in Figure 6 – Noise Survey (Point A). A summary of those readings is presented in Table 3.1 below:

Table 3.1 - Summary of Noise Survey between March 9th, 2024 – March 16th, 2024 (Point A)*

Location	***Time Period***	***Arithmetic Mean LAeq dB(A)***	***Arithmetic Mean LA90 dB(A)***	***RBL dB(A)****
Point A	Day Time (7:00am-6:00pm)	66*	55*	52*
	Evening Time (6:00pm-10:00pm)	65*	55 *	52 *
	Nighttime (10:00pm-7:00am)	61	47	42

*** Food Truck is approved to operate during the full day and evening hours**
**** RBL is calculated in accordance with the Noise Policy for Industry 2017 (Fact Sheet B).**

Note [1]: Noise data is validated using the weatherzone website addresses:

https://www.weatherzone.com.au/station/SITE/66137/observations/2024-03-09 to
https://www.weatherzone.com.au/station/SITE/66137/observations/2024-03-16

4.0 NOISE LIMITS CRITERIA

The Food Truck is proposed to extend their operations until the hours listed in Table 2.1 with patrons expected to leave the premises after these times. The noise emitted by the proposed extension of operating hours must comply with the noise criteria listed in the following guidelines:

- NSW Road Noise Policy (for Traffic Generation)
- NSW Policy for Industry NPfI (2017)
- NSW Noise Guide for Local Government including (Sleep Disturbance Criteria)
- NSW Office of Liquor, Gaming and Racing (OLGR) noise criteria for licensed premises **does not apply to this proposal as the premises does not serve alcohol**.

4.1 NSW NOISE POLICY FOR INDUSTRY (2017)

The above policy seeks to promote environmental well-being through preventing and minimizing noise by providing a framework and process for deriving noise limits conditions for consent and licenses.

The Noise Policy for Industry NPfI 2017 recommends two separate noise criteria to be considered, the Intrusive Noise Criteria and the Amenity Noise Criteria. A project noise trigger level being the lowest of the amenity and the intrusiveness noise level is then determined.

If the predicted noise level L_{Aeq} from the proposed project exceeds the noise trigger level, then noise mitigation is required. The extent of any 'reasonable and feasible' noise mitigation required whether at the source or along the noise path is to ensure that the predicted noise level L_{Aeq} from the project at the boundary of the most affected residential receiver is not greater than the noise trigger level.

4.1.1 AMENITY NOISE CRITERIA

The amenity noise levels presented for different residential categories are presented in Table 2.2 of the Noise Policy for Industry 2017. These levels are introduced as a guide for appropriate noise levels in residential areas surrounding industrial areas.

For the proposed extension of operating hours at No. 422 Hume Hwy, Yagoona, the recommended

amenity noise levels are presented in Table 4.1.1.1 below:

Table 4.1.1.1 - Recommended Noise Levels from Industrial Noise Sources

Type of Receiver	***Area***	***Time Period***	***Recommended Leq Noise Level, dB(A)***
Residence	Urban	Day	60
		Evening	50
		Night	45
Commercial	All	When in Use	65
Industrial interface (applicable only to residential noise amenity areas)	All	All	Add 5 dB(A) to recommended noise amenity area

Where a noise source contains certain characteristics such as tonality, intermittency, irregularity or dominant low-frequency content, a correction is to be applied which is to be added to the measured or predicted noise levels at the receiver before comparison with the criteria. Shown below are the correction factors that are to be applied:

Table 4.1.1.2 – Modifying Factor Corrections as per Fact Sheet C (Noise Policy for Industry 2017)

Factor	***Correction***
Tonal Noise	+ 5 dB [1,2]
Low-Frequency Noise	+ 2 or 5 dB [1]
Intermittent Noise	+ 5 dB
Duration	+ 0 to 2 dB(A)
Maximum Adjustment	Maximum correction of 10 dB(A) [1] (excluding duration correction)

1. Where a source emits tonal and low-frequency noise, only one 5-dB correction should be applied if the tone is in the low-frequency range, that is, at or below 160 Hz.
2. Where narrow-band analysis using the reference method is required, as outlined in column 5, the correction will be determined by the ISO1996-2:2007 standard.

Correction for duration is to be applied where a single-event noise is continuous for a period of less than two and a half hours in any assessment period. The allowable exceedance of the $L_{Aeq,15min}$ equivalent noise criterion is depicted in Table 4.1.1.3 for the duration of the event. This adjustment accounts for unusual and one-off events and does not apply to regular and/or routine high-noise level events.

Table 4.1.1.3 – Adjustment for Duration as per Fact Sheet C (Noise Policy for Industry 2017)

Allowable duration of noise (one event in any 24-hour period)	***Allowable exceedance of LAeq,15min equivalent project noise trigger level at receptor for the period of the noise event, dB(A)***	
	Daytime & evening (7 am–10 pm)	***Night-time (10 pm–7 am)***
1 to 2.5 hours	2	Nil
15 minutes to 1 hour	5	Nil
6 minutes to 15 minutes	7	2
1.5 minutes to 6 minutes	15	5
less than 1.5 minutes	20	10

According to Section 2.4 of the above policy, the project amenity noise level is determined as follows:

> **Project amenity noise level for industrial developments = recommended amenity noise level (Table 2.2) minus 5 dB(A)**

To convert from a period level to a 15-minute level, a plus 3 is added as per Section 2.2 of the policy.

Therefore, the project amenity noise levels for the proposed extension of operating hours at No. 422 Hume Hwy, Yagoona, at point A are as follows:

- **Day period:** **N/A***
- **Evening period:** **N/A***
- **Night period:** **(45 +5)– 5 + 3 = 48 dB(A)**

*Food Truck is approved to operate till 10:00 p.m.

4.1.2 INTRUSIVENESS NOISE CRITERIA

The Noise Policy for Industry in Section 2.3 summarizes the intrusive criteria as below:

> $L_{Aeq,15\,minute} \leq$ rating background level plus 5

The background noise level known as $L_{A90,15\ minutes}$ is the noise exceeded 90% of a period over which annoyance reactions may occur (taken to be 15 minutes). The RBL is defined as the overall single-figure $L_{A90,15\ minutes}$ background level representing each assessment period (day/evening/night) over the whole monitoring period.

For the short-term method, the rating background noise level is simply the lowest measured

$L_{AF90,15min}$ level.

For the long-term method, the rating background noise level is defined as the median value of the daily lowest tenth percentile of L_{90} background noise levels and calculated in accordance with Fact Sheet B of the NPfI 2017.

Therefore, the acceptable L_{eq} noise intrusiveness criteria for the background noise during the day, evening and night at point A are as follows:

- **Day period:** **N/A***
- **Evening period:** **N/A***
- **Night period:** **42 + 5 = 47 dB(A)**

*Food Truck is approved to operate till 10:00 p.m.

4.1.3 PROJECT NOISE TRIGGER LEVEL

The project noise trigger level is the lower (that is, the most stringent) value of the amenity and intrusiveness noise levels for the day, evening and night-time. Therefore, the project noise trigger levels for the proposed development are as shown below:

- **Day period $L_{Aeq,15\ min}$:** **N/A***
- **Evening period $L_{Aeq,15\ min}$:** **N/A***
- **Night period $L_{Aeq\ 15\ min}$:** **47 dB(A)**

*Food Truck is previously approved to operate during the evening hours

4.2 NSW NOISE GUIDE FOR LOCAL GOVERNMENT

The Department of Environment and Conservation (NSW) published the *Noise Guide for Local Government* in June 2004. The policy is specifically aimed at assessing noise from light industry, shops, entertainment, public buildings, air conditioners, pool pumps and other noise sources in residential areas.

Section 2.2.1 of the Noise Guide for Local Government states that a noise source is generally considered to be intrusive if the noise from the source when measured over a 15-minute period exceeds the background noise by more than 5 dB(A).

Therefore, the acceptable noise criterion is as follows:

- **47 + 5 = 52 dB (A)** during the night time

4.2.1 SLEEP DISTURBANCE

In order to minimize the potential of sleep disturbance due to transient noises from the Food Truck during the night hours (10:00pm – 7:00am), Section 2.2.4 of the Noise Guide For Local Government recommends that $L_{A1,1\text{-minute}}$ level of any noise outside a bedroom should not exceed the background noise level by more than 15dB.

$L_{A1,\ 1\ minute}$ =< 47 + 15= 62 dB(A) outside bedroom window of nearest residential receiver.

Similar text about sleep arousal is adopted in the Noise Policy for Industry 2017 as below:

Where the subject development/premises night-time noise levels at a residential location exceed:

- **$L_{Aeq,15min}$ 40 dB(A) or the prevailing RBL plus 5 dB, whichever is the greater, and/or**
- **L_{AFmax} 52 dB(A) or the prevailing RBL plus 15 dB, whichever is the greater,**

a detailed maximum noise level event assessment should be undertaken.

Further studies by the enHealth Council (2004) and the guidelines published by the World Health Organisation (1999) were reviewed and analysed in terms of the guidance on noise exposure and sleep disturbance. The enHealth report states that:

'as a rule for planning for short-term or transient noise events, for good sleep over 8 hours the indoor sound pressure level measured as a maximum instantaneous value should not exceed approximately 45 dB(A) $L_{A,\ (Max)}$ more than 10 or 15 times per night'

As per acoustic calculations presented in Table 5.4.1 of this report, the development will comply with the Sleep Disturbance criteria above.

4.1 NSW ROAD NOISE POLICY - TRAFFIC NOISE GENERATION CRITERIA

Table 3 on Page 11 of the Road Noise Policy states that the $L_{eq,(1\ hour)}$ level of noise intrusion from land use developments with the potential to create additional traffic on local roads should not exceed 50 dB(A) during nighttime (10:00 p.m to 7:00 a.m).

5.0 PREDICTED NOISE FROM PROPOSED EXTENSION OF FOOD TRUCK OPERATING HOURS

The main sources of noise from the proposed extension of operating hours of the existing Food Truck will be as follows:

- Patrons seated in the outdoor dining area
- Additional traffic noise generation on the street
- Vehicular movement noise in/out from the carpark
- Operation of existing mechanical plant and equipment

5.1 NOISE FROM PATRONS IN THE OUTDOOR DINING ARAE

At any time, a total maximum of twenty-five (25) patrons are expected in the outdoor dining area. **No Music or Tv will be played at the premises**.

It is usually the case that approximately 20% to 50% of the patrons could be talking in a raised speech at any one time in the dining areas.

As per Harris /Pearson, Bennet, & Fidell (1977) report, the sound power level of (1) person talking is as per the table below.

Vocal Effort	No. of Talkers	Sound Power Levels [dB] at Octave Band Centre Frequencies [Hz]*,**,***							
		125	250	500	1000	2000	4000	8000	dB(A)
Females									
Casual	1	48.0	61.0	61.0	54.0	51.0	47.0	48.0	**61.0**
Normal	1	49.0	63.0	66.0	61.0	56.0	44.0	50.0	**66.0**
Raised	1	47.0	67.0	72.0	70.0	66.0	61.0	54.0	**74.0**
Loud	1	47.0	62.0	77.0	79.0	76.0	70.0	62.0	**82.0**
Shouted	1	48.0	68.0	82.0	89.0	88.0	81.0	71.0	**93.0**
Males									
Casual	1	58.0	62.0	63.0	55.0	53.0	51.0	48.0	**63.0**
Normal	1	60.0	66.0	69.0	62.0	58.0	54.0	48.0	**69.0**
Raised	1	65.0	71.0	76.0	70.0	66.0	61.0	55.0	**76.0**
Loud	1	69.0	78.0	85.0	84.0	79.0	73.0	63.0	**87.0**
Shouted	1	58.0	83.0	93.0	97.0	93.0	85.0	76.0	**100.0**

For a number of patrons (n) in any vocal category the increase in noise level at any octave band centre frequency is $\Delta L = 10\log_{10}(n)$.

The total noise level from all groups is determined using the equation

$$L = 10\,\mathrm{Log}_{10}\left(\sum_{i=1}^{n} 10^{(L_i/10)}\right)$$

Where L_i is the noise level from each group.

Tables 5.1.1 below lists the Total Noise Levels (Sound Power) L_{Aeq} from patrons in the outdoor dining area.

Table 5.1.1- Sound Power Level LAeq from 25 Patrons – Food Truck Outdoor area -

Description		Octave Band Centre Frequencies (Hz)								
	dB(A)	31.5	63	125	250	500	1k	2k	4k	8k
L_{Aeq} 25 Patrons - Outdoor Dining Area (50% talking)-	**82**	**	72	78	82	77	73	68	68	62

Table 5.1.2 below shows the noise predictions calculated at the nearest residential receivers in accordance with ISO 9613-2:1996 "Acoustics- Attenuation of sound during propagation outdoors -- Part 2: General method of calculation".

Table 5.1.2 – Sound Pressure Level LAeq from 25 Patrons – Outdoor Dining Area with background music/TV

Activity	Period	Expected LAeq, 15min at Boundary R1	Expected LAeq, 15min at Boundary R2	Expected LAeq, 15min at Boundary R3	Expected LAeq, 15min at Boundary R4	Complies with Noise Guide for Local Government as per Section 4.2**
Predicted LAeq 25 Patrons in the Outdoor Dining Area (50% Talking)	10:00pm – 1:00am	44 dB(A)	45 dB(A)	45 dB(A)	32 dB(A)	**Yes ✓** <= 52 dB(A)

* NPfI does not apply – Exclusions listed in section 1.5 page 5 of the policy background + 5 applies..

5.2 NOISE FROM ADDITIONAL TRAFFIC GENERATION

The existing site features a carpark fitted for a maximum of three cars; however, parking can easily be found on unrestricted Caldwell and Palomer Parade , north of the site.

The predicted noise levels at 1.0 m from the building line of the nearest residential receivers on Caldwell and Palomer Pde, due to additional traffic generation is presented in Table 5.2.1 below:

Table 5.2.1 – Predicted Noise from Traffic Generation at 1.0m from Building Line along Caldwell/Palomer pde

Activity	Period	Expected Leq 1hr dB(A) 1.0m from Building Line along Caldwell/Palomer pde	Complies with Traffic Generation Noise Criteria- as per Section 4.3
Noise from Additional Traffic Generation	10:00 p.m – 1:00 a.m	43 dB(A)	Yes <=50 dB(A) Night Time Criteria

5.3 NOISE FROM VEHICLES IN THE CARPARK

Three (3) parking spaces are existing on site. Patrons will enter and exit the site from Caldwell Place. Carpark noises typically may comprise of car doors closing, car engine's starting and accelerating. The following table lists the sound levels of different type of vehicle activities in the car park.

Table 5.3.1 – SWL Levels for Different Car Activities Expected to Occur in the Car Park Area

Car Park Noise Source	Sound Power Level, dB(A)
Car Door Closing - $L_{Max.}$	95
Car Starting - $L_{Max.}$	91
Car Accelerating	88
Car Moving at 10 km/hr	81

The Predicted noise levels at the boundary of the nearest residential receivers due to 3 cars utilising the car park at No. 422 The Hime Hwy are presented in Table 5.3.2 below.

Table 5.3.2 – Predicted Noise from Car Park Activity at Boundary of Nearest Residential Receivers (R1, R2, R3, R4)*

Operational Activities	***Predicted $L_{(Aeq, 15\ minutes)}$ dB(A) at R1/R2/R3***	***Predicted $L_{(Aeq, 15\ minutes)}$ dB(A) at R4***	***Compliance with NPfI Noise Trigger Levels as per Section 4.3.2***
Noise From Cars in the Carpark 10:00 p.m -1:00 a.m	34/35/35 dB(A)	28 dB(A)	**Yes ✓** Night (≤ 47 dB(A))

5.4 MECHANICAL PLANT NOISE EMISSION

There is usually no high noise equipment associated with the mechanical plant of a Food Truck. All condensers servicing the mini fridges are located internally within the food truck. In addition, the exhaust fan is small and would be inaudible at any residential receiver. Provided recommendations in Section 6 of this report are adhered to, the operation of mechanical plant and equipment will comply with the criteria set out in Section 4 of this report.

5.5 CUMULATIVE NOISE FROM OUTDOOR DINING AREA, CARPARK NOISE & MECHANICAL PLANT

Based on noise predictions from patrons, vehicles entering/exiting the carpark and the operation of the mechanical plant as listed in Sections 5.1, 5.3 & 5.4 above, the predicted cumulative noise from the above listed activities as shown in Table 5.5.1 below, complies at all nearest residential receivers' boundaries.

Table 5.5.1 – Predicted Cumulative Noise from at Boundary of Nearest Residential Receivers (R1, R2, R3, R4)

Operational Activities	***Predicted $L_{(Aeq, 15\ minutes)}$ dB(A) at R1/R2/R3***	***Predicted $L_{(Aeq, 15\ minutes)}$ dB(A) at R4***	***Compliance with NPfI Night Noise Trigger Level as per Section 4.1.3***
Cumulative Noise From People Dining outside + Cars in the Carpark + Mechanical plant 10:00 p.m -1:00 a.m	44.5/45.5/45.5 dB(A)	33.5 dB(A)	**Yes ✓** Night (<47 dB(A))

5.6 MAXIMUM NOISE LEVELS & SLEEP DISTURBANCE COMPLIANCE

The Maximum noise levels expected from the Food Truck area is when all three cars are using the carpark simultaneously in addition to noise from the dining area and mechanical plant are all happening concurrently at the same time.

Table 5.6.1 below presents the predicted $LA_{1,1min}$ (L Amax) noise levels from the Food Truck area at the external façade of the all nearest residential receivers and their compliance with the Sleep Disturbance Criteria.

Table 5.6.1 – Predicted Maximum Noise Level - $LA_{1,1min}$ at Façades of Nearest Residential Receivers

Activity	Expected $LA_{1,1min}$ *dB(A) at R1/R2/R3*	Expected $LA_{1,1min}$ *dB(A) at R4*	Complies with Sleep Disturbance Criteria as per Section 4.2.1
Maximum Noise Level (L Amax) Generated from Food Truck Area 10:00 p.m – 1:00 am	48/49/49 dB(A)	37 dB(A)	**Yes ✓** $L_{A1,\ 1\ minute}$ <62 dB(A), [L90+15] $L_{A1,\ 1\ minute}$ <57 dB(A), [RBL+15] L_{AFmax} <52.

6.0 NOISE CONTROL RECOMMENDATIONS

The operation of the proposed Food Truck will comply with the noise criteria shown in Section 4 of this report, provided the following recommendations are adhered to:

6.1 DELIVERIES & WASTE COLLECTION

We recommend that all deliveries to the site and waste collection to be carried between the hours of 7:00 a.m to 6:00 p.m.

6.2 PATRON MANAGEMENT

Ensure that people leaving the Food Truck area do not congregate at the front of the building and on the footpath , and that they disperse in an orderly manner.

6.3 MUSIC IN OUTDOOR SEATING AREA

No music is to be played in the outdoor seating area during the proposed operating hours of 10:00 p.m to 1:00 a.m .

6.4 SIGNS

Signs should be placed near the outdoor seating area & food trailer, asking patrons to be mindful of the residential receivers and to enter/exit the premises in an orderly manner during the night.

6.5 NOISE MANAGEMENT PLAN

A Noise Management Plan should be implemented and should include the following:

- Install a contact number at the front of the food trailer so that complaints regarding the Food Truck operation can be made.
- Implement a complaint handling procedure. If a noise complaint is received the complaint should be recorded on a Complaint Form. The Complaint Form should contain the following:
    - Name and Address of the Complainant
    - Time and Date the Complaint was received
    - The nature of the complaint and the time/date the noise was heard
    - The name of the employee that received the complaint
    - Actions taken to investigate the complaint and the summary of the results of the investigation
    - Indication of what was occurring at the time the noise was happening (if applicable)
    - Required remedial action (if applicable)
    - Validation of the remedial action
    - Summary of feedback to the complaint

Also, a permanent register of complaints should be held on the premises, which shall be reviewed monthly by staff to ensure all complaints are being responded to. All complaints received shall be reported to management with initial action/investigation commencing within 7 days. The complaint should also be notified of the results and actions arising from the investigation.

7.0 NOISE IMPACT STATEMENT

ANAVS P/L have taken noise level measurements at the most noise-sensitive locations for the proposed extension of operating hours at the existing Food Truck at No. 422 Hume Hwy, Yagoona. The levels of noise emission from the proposed extension of operating hours have been calculated and quantified using reliable test data.

Provided the noise controls recommended in Section 6 of this report are fully implemented, we are confident that the noise emission levels from the operation of the Food Truck at No. 422 Hume Hwy, Yagoona, including its mechanical plant during the trading hours Monday to Sunday 3:00 pm – 1:00am will be controlled and meet and the NSW Noise Policy for Industry (2017), Noise Guide for Local Government, the NSW Road Noise Policy and Canterbury Bankstown Council Requirements.

We hope this report meets your requirements. Should you require further explanations, please do not hesitate to contact us.

Yours sincerely,

M. Zaioor
Australian Acoustical Society (Member #1032)
M.S. Eng'g Sci. (UNSW).
M.I.E.(Aust), CPEng

8.0 APPENDIX

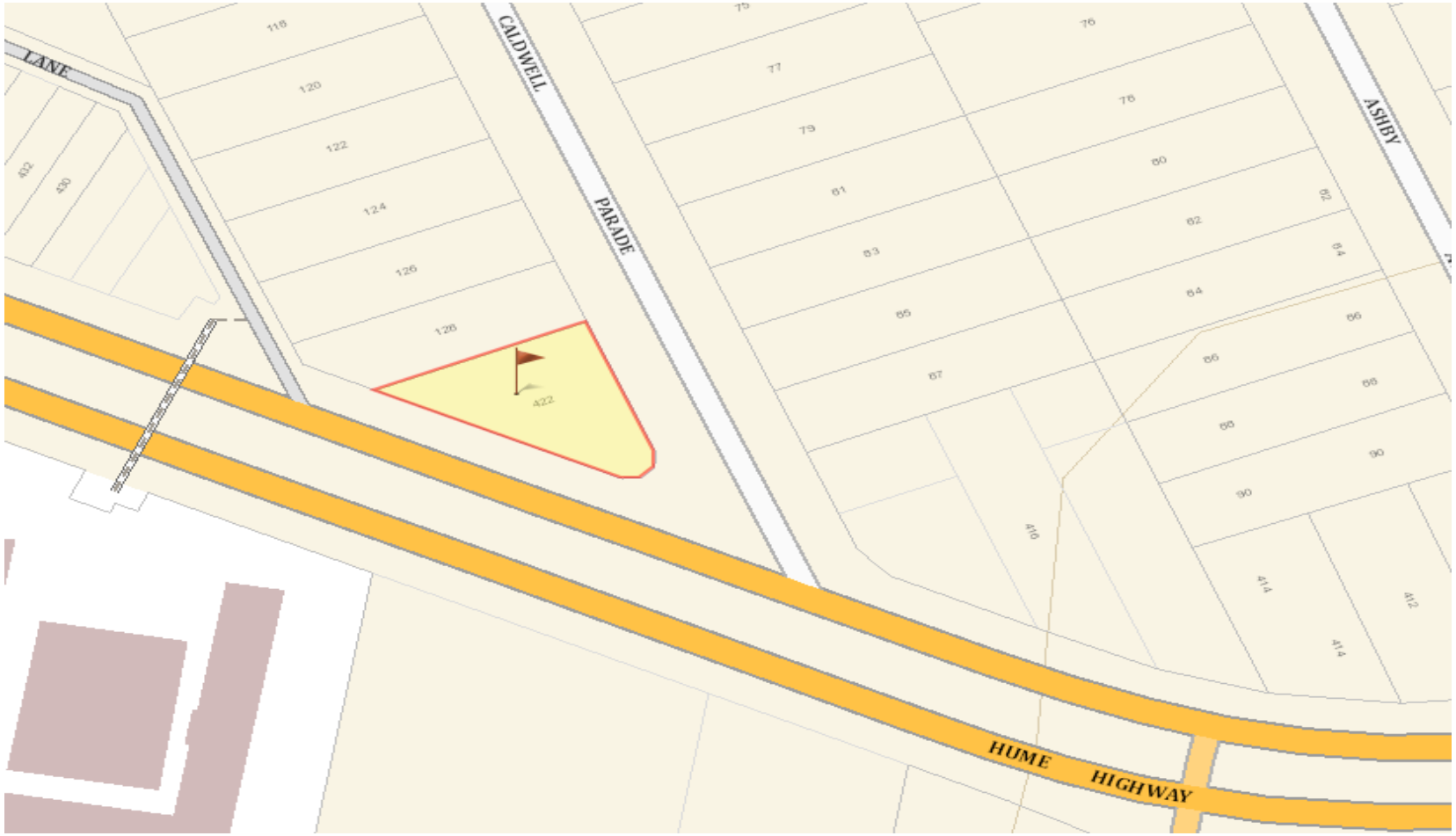


Figure 1 – Site Location

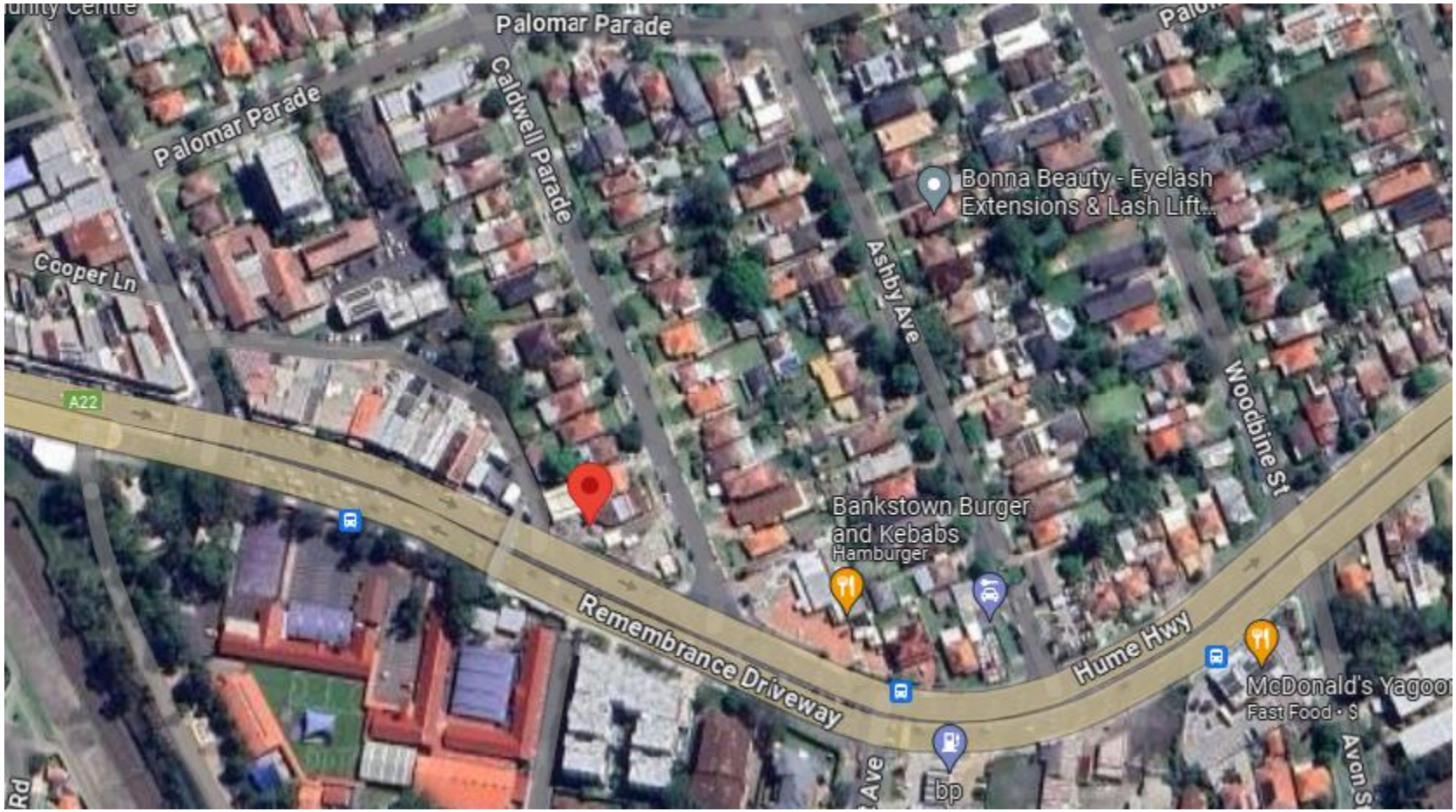
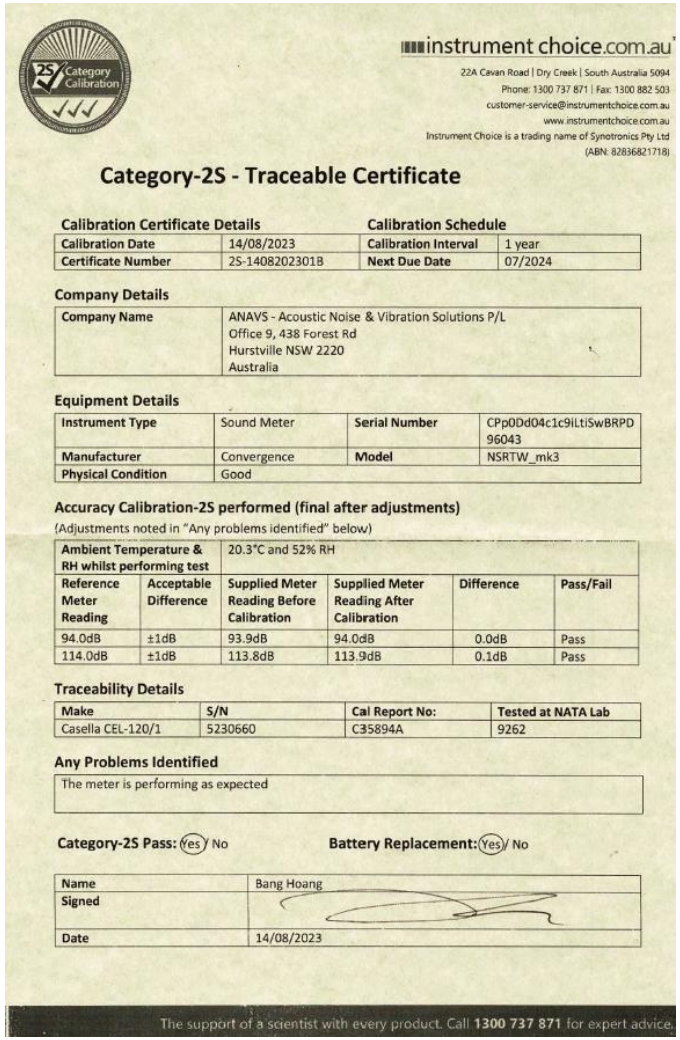


Figure 2 – Surrounding Environment

Figure 3 – Nearest Residential Receivers

Figure 4 – Noise Reading Location (Point A)



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Instrument Choice is a trading name of Synotronics Pty Ltd
(ABN: 82836821718)

Category-2S - Traceable Certificate

Calibration Certificate Details		Calibration Schedule	
Calibration Date	14/08/2023	Calibration Interval	1 year
Certificate Number	2S-1408202301B	Next Due Date	07/2024

Company Details

Company Name	ANAVS - Acoustic Noise & Vibration Solutions P/L Office 9, 438 Forest Rd Hurstville NSW 2220 Australia

Equipment Details

Instrument Type	Sound Meter	Serial Number	CPp0Dd04c1c9iLtiSwBRPD 96043
Manufacturer	Convergence	Model	NSRTW_mk3
Physical Condition	Good		

Accuracy Calibration-2S performed (final after adjustments)

(Adjustments noted in "Any problems identified" below)

Ambient Temperature & RH whilst performing test		20.3°C and 52% RH			
Reference Meter Reading	Acceptable Difference	Supplied Meter Reading Before Calibration	Supplied Meter Reading After Calibration	Difference	Pass/Fail
94.0dB	±1dB	93.9dB	94.0dB	0.0dB	Pass
114.0dB	±1dB	113.8dB	113.9dB	0.1dB	Pass

Traceability Details

Make	S/N	Cal Report No:	Tested at NATA Lab
Casella CEL-120/1	5230660	C35894A	9262

Any Problems Identified

The meter is performing as expected

Category-2S Pass: (Yes) / No **Battery Replacement:** (Yes) / No

Name	Bang Hoang
Signed	
Date	14/08/2023

The support of a scientist with every product. Call **1300 737 871** for expert advice.

Figure 5 – Calibration Certificate

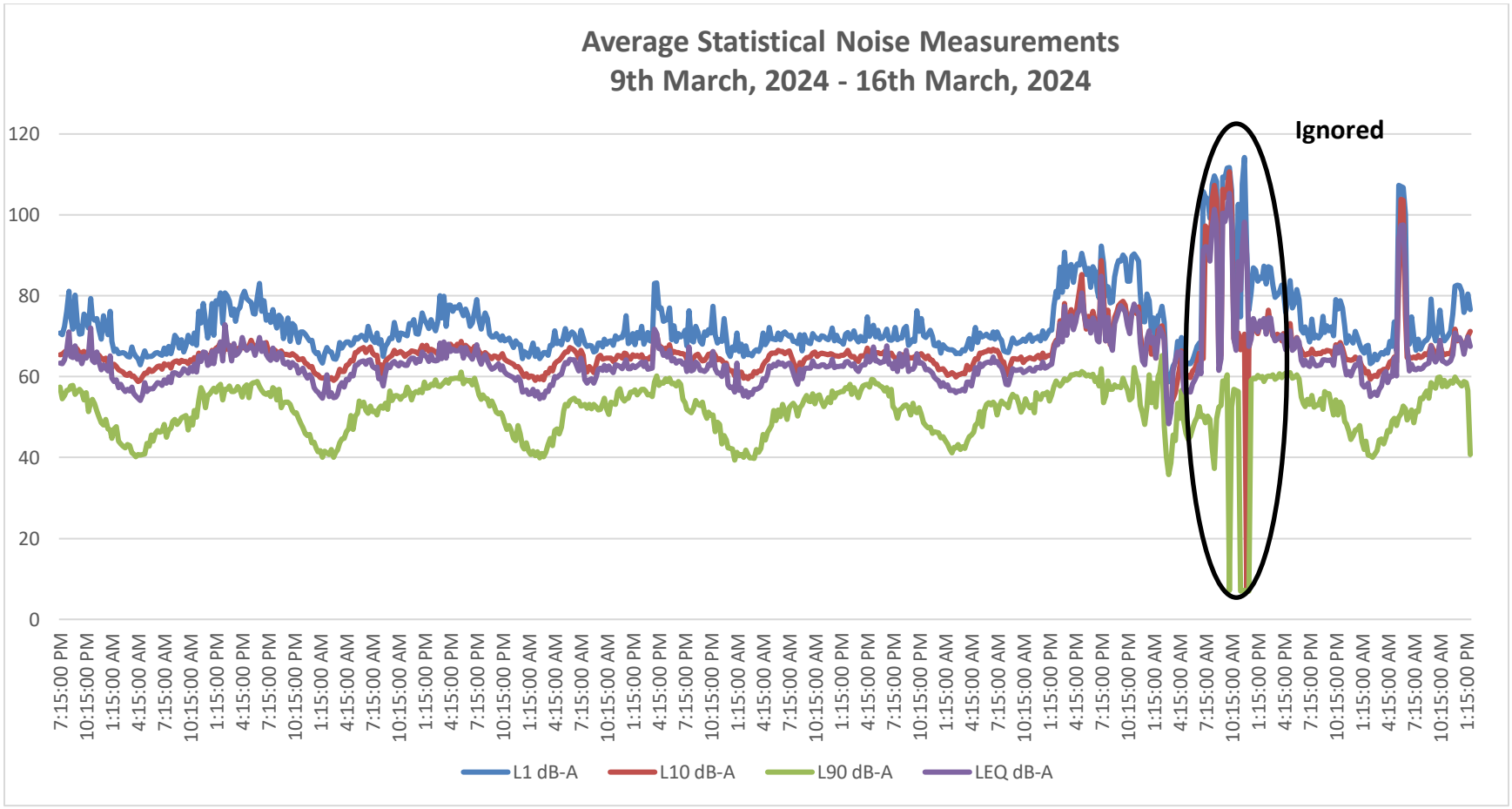

Figure 6 – Noise Survey (Point A)

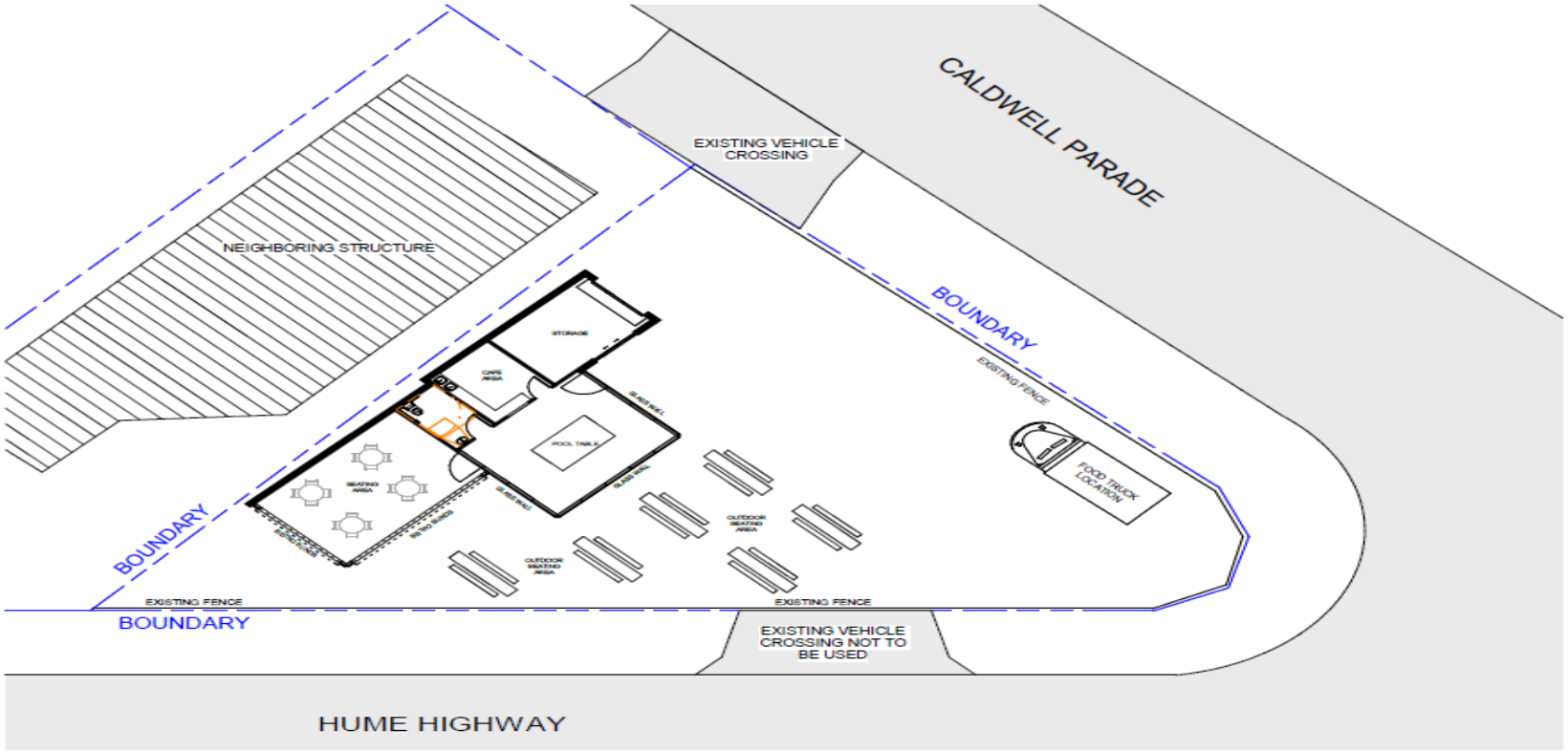

Figure 7 - Proposed Site Plan