

November 8, 2022

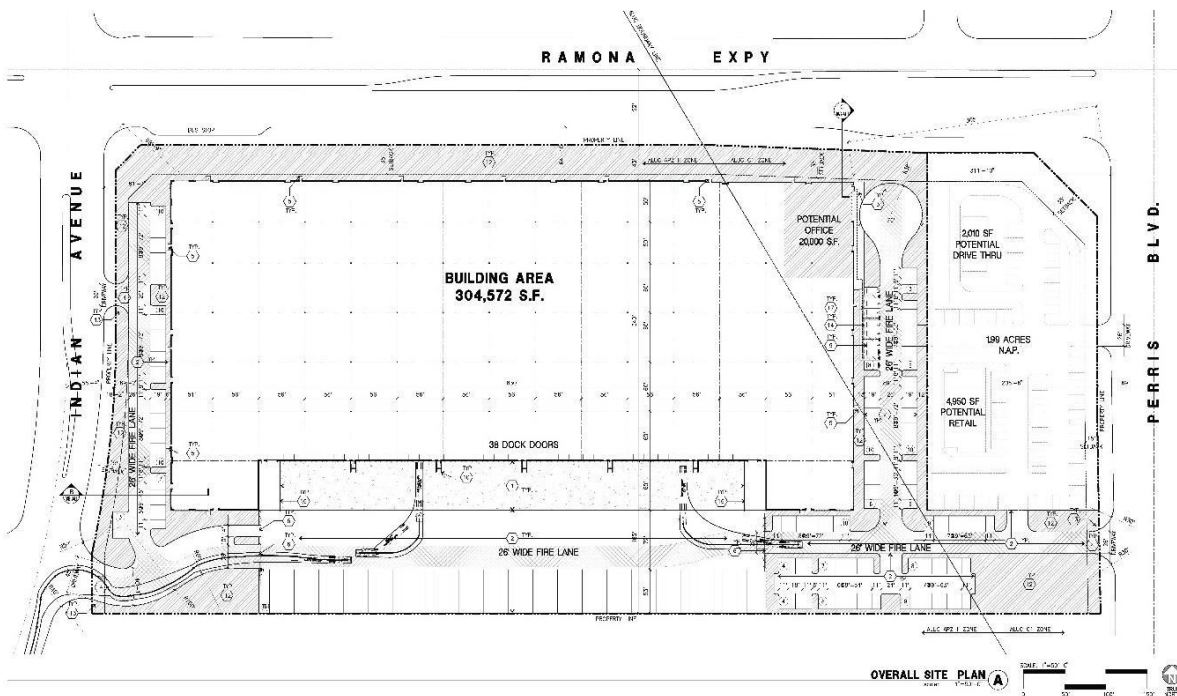
Mr. Lars Andersen  
Pacific Development Partners, LLC  
30220 Rancho Viejo Road, Suite B  
San Juan Capistrano, CA 92675

**SUBJECT: PERRIS AND RAMONA WAREHOUSE NOISE ASSESSMENT**

Dear Mr. Lars Andersen:

Urban Crossroads, Inc. is pleased to provide the following Noise Assessment for the Perris and Ramona Warehouse development (referred to as "Project") located south of Ramona Expressway between Indian Avenue and Perris Boulevard within the Perris Valley Commerce Center Specific Plan (PVCCSP) in the City of Perris. The following Noise Assessment has been prepared in support of the proposed Alternative 2 site plan which includes a retail component and reduced warehouse building as shown on Exhibit A. The Alternative 2 project includes a single 304,572 square foot warehouse building plus a 2,010 square foot fast-food restaurant with drive-through window and 4,950 square feet of retail space. The purpose of this Noise Assessment is to describe the potential Project-related operational noise impacts at nearby noise sensitive receiver locations. The on-site Project-related noise sources are expected to include loading dock activity, truck movements, roof-top, air-conditioning units, drive-thru speakerphones, and trash enclosure activity.

**EXHIBIT A: SITE PLAN**



## RECEIVER LOCATIONS

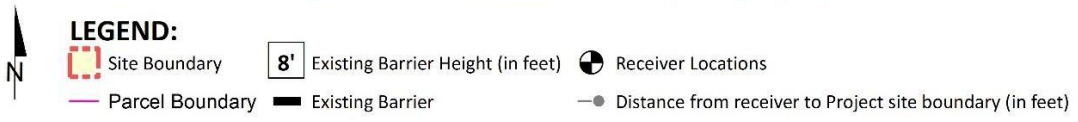
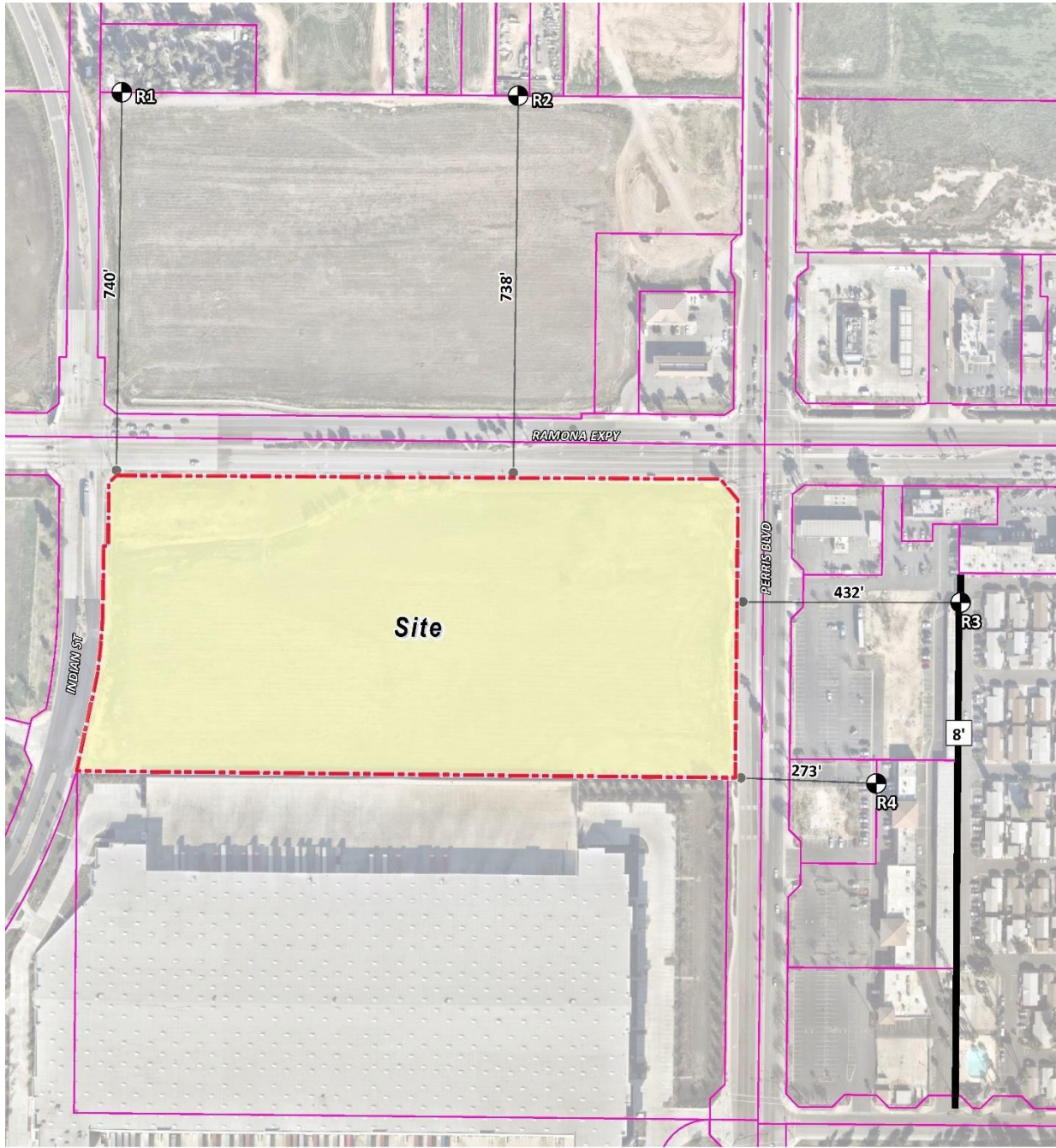
To assess the potential for long-term operational noise impacts, the following receiver locations, as shown on Exhibit B, were identified as representative locations for analysis. Sensitive uses or receivers are generally defined as locations where people reside or where the presence of unwanted sound could otherwise adversely affect the use of the land. To describe the potential off-site Project noise levels, five receiver locations in the vicinity of the Project site were identified, including the location of the nearest existing noise sensitive residential receiver (R3) located approximately 432 feet east of the Project site. The selection of receiver locations is based on FHWA guidelines and is consistent with additional guidance provided by Caltrans and the FTA. Other sensitive land uses in the Project study area that are located at greater distances than those identified in this noise study will experience lower noise levels than those presented in this report due to the additional attenuation from distance and the shielding of intervening structures. Distance is measured in a straight line from the project boundary to each receiver location.

- R1: Location R1 represents the property line of the existing noise sensitive residence at 4111 Barrett Avenue, approximately 740 feet north of the Project site.
- R2: Location R2 represents the property line of the existing noise sensitive residence at 77 Perry Street, approximately 738 feet north of the Project site.
- R3: Location R3 represents the property line of the existing noise sensitive residence at 80 E Dawes Street, approximately 432 feet east of the Project site.
- R4: Location R4 represents the property line of The Islamic Center of Perris at 3895 North Perris Boulevard, approximately 273 feet southeast of the Project site

## NOISE PREDICTION MODEL

To fully describe the exterior operational noise levels from the Project, Urban Crossroads, Inc. developed a noise prediction model using the CadnaA (Computer Aided Noise Abatement) computer program. CadnaA can analyze multiple types of noise sources using the spatially accurate Project site plan, georeferenced Nearmap aerial imagery, topography, buildings, and barriers in its calculations to predict outdoor noise levels. Using the ISO 9613-2 protocol, CadnaA will calculate the distance from each noise source to the noise receiver locations, using the ground absorption, distance, and barrier/building attenuation inputs to provide a summary of noise level at each receiver and the partial noise level contributions by noise source. The noise level calculations provided in this noise assessment account for the distance attenuation provided due to geometric spreading, when sound from a localized stationary source (i.e., a point source) propagates uniformly outward in a spherical pattern. A default ground attenuation factor of 0.5 was used in the noise analysis to account for mixed ground representing a combination of hard and soft surfaces.

**EXHIBIT B: RECEIVER LOCATIONS**



## **OPERATIONAL NOISE ANALYSIS**

This section analyzes the potential stationary-source operational noise impacts at the nearby receiver locations resulting from the operation of the proposed Alternative 2 Project. This operational noise analysis is intended to describe noise level impacts associated with the expected typical of daytime and nighttime activities at the Project site. Exhibit C presents the on-site Project-related noise sources that are expected to include loading dock activity, truck movements, roof-top, air-conditioning units, drive-thru speakerphones, and trash enclosure activity.

### **OPERATIONAL NOISE STANDARDS**

To analyze noise impacts originating from a designated fixed location or private property such as the Perris and Ramona Warehouse, operational noise such as the expected loading dock activity, truck movements, roof-top, air-conditioning units, drive-thru speakerphones, and trash enclosure activity are typically evaluated against standards established under a City's Municipal Code. The City of Perris Municipal Code, Chapter 7.34 *Noise Control*, Section 7.34.040, establishes the permissible noise level at any point on the property line of the affected residential receivers. Therefore, for residential properties, the exterior noise level shall not exceed a maximum noise level of 80 dBA  $L_{max}$  during daytime hours (7:01 a.m. to 10:00 p.m.) and shall not exceed a maximum noise level of 60 dBA  $L_{max}$  during the nighttime hours (10:01 p.m. to 7:00 a.m.) (1) The City of Perris Municipal Code is included in Appendix A.

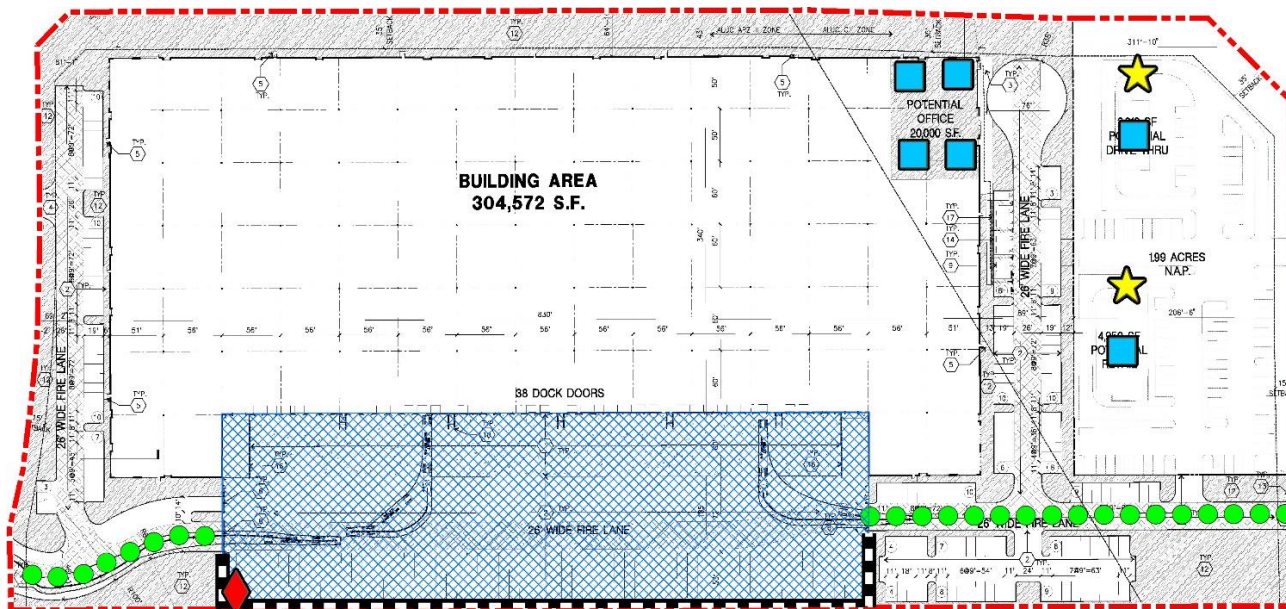
### **OPERATIONAL NOISE SOURCES**

To estimate the Project operational noise impacts, reference noise level measurements were collected from similar types of activities to represent the noise levels expected with the development of the proposed Project. The reference noise level measurements shown on Table 1 were used to estimate the Project operational noise impacts. It is important to note that the following projected noise levels assume the worst-case noise environment with the loading dock activity, truck movements, roof-top, air-conditioning units, drive-thru speakerphones, and trash enclosure activity all operating at the same time. These sources of noise activity will likely vary throughout the day.

### **OPERATIONAL NOISE LEVEL COMPLIANCE**

Using the reference noise levels to represent the proposed Project operations that include loading dock activity, truck movements, roof-top, air-conditioning units, drive-thru speakerphones, and trash enclosure activity, Urban Crossroads, Inc. calculated the operational source noise levels that are expected to be generated at each of the sensitive receiver locations. Table 2 shows that the daytime Project operational noise levels at the off-site receiver locations are expected to range from 47.6 to 57.1 dBA  $L_{max}$  with nighttime exterior noise levels ranging from 46.6 to 56.2 dBA  $L_{max}$ . Appendix B includes the detailed CadnaA operational noise model inputs and calculations.

**EXHIBIT C: OPERATIONAL NOISE SOURCE LOCATIONS**



**LEGEND:**

- Site Boundary
- Dry Goods Loading Dock Activity
- Roof-Top Air Conditioning Unit
- Drive-Through Speakerphone
- Trash Compactor
- Truck Movements
- Planned 8-Foot Noise Barrier

**TABLE 1: REFERENCE NOISE LEVEL MEASUREMENTS**

Noise Source <sup>1</sup>	Ref. Distance (Feet)	Noise Source Height (Feet)	Min./Hour <sup>2</sup>		Reference Noise Level (dBA L <sub>max</sub> )	
			Day	Night	@ Ref. Dist.	@ 50 Feet
Loading Dock Activity	30'	8'	60	60	75.6	71.2
Truck Movements	20'	8'	60	60	79.1	73.1
Roof-Top Air Conditioning Units	5'	5'	39	28	77.7	57.7
Drive-Through Speakerphone	15'	3'	60	30	65.3	54.8
Trash Enclosure Activity	8'	5'	60	30	87.0	71.1

<sup>1</sup> As measured by Urban Crossroads, Inc.

<sup>2</sup> Anticipated duration (minutes within the hour) of noise activity during typical hourly conditions expected at the Project site. "Daytime" = 7:01 a.m. to 10:00 p.m.; "Nighttime" = 10:01 p.m. to 7:00 a.m.

To demonstrate compliance with local noise regulations, the Project-only operational noise levels are evaluated against exterior noise level thresholds and the adjusted standards to reflect the ambient noise levels based on the City of Perris exterior noise level standards at nearest noise-sensitive receiver locations. Table 2 shows that the unmitigated operational noise levels associated with Perris and Ramona Warehouse Project will satisfy the City of Perris exterior noise level standards. Therefore, the operational noise impacts are considered *less than significant* at the nearest noise-sensitive receiver locations.

**TABLE 2: OPERATIONAL NOISE LEVEL COMPLIANCE**

Receiver Location <sup>1</sup>	Project Operational Noise Levels (dBA L <sub>max</sub> ) <sup>2</sup>		Exterior Noise Level Standards (dBA L <sub>max</sub> ) <sup>3</sup>		Noise Level Standards Exceeded? <sup>4</sup>	
	Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime
R1	56.1	55.1	80	60	No	No
R2	56.8	55.8	80	60	No	No
R3	47.6	46.6	80	60	No	No
R4	57.1	56.2	80	60	No	No

<sup>1</sup> See Exhibit B for the receiver locations.

<sup>2</sup> Proposed Project operational noise level calculations are included in Appendix B.

<sup>3</sup> City of Perris Municipal Code, Section 7.34.040 (Appendix A).

<sup>4</sup> Do the estimated Project operational noise source activities exceed the noise level standards?

"Daytime" = 7:01 a.m. to 10:00 p.m.; "Nighttime" = 10:01 p.m. to 7:00 a.m.

## CONCLUSIONS

This Noise Assessment demonstrates that the operational noise levels associated with Perris and Ramona Warehouse Project will satisfy the City of Perris exterior noise level standards at all nearby receiver locations. Therefore, the project related noise impacts are considered *less than significant* at the nearby noise-sensitive receiver locations. If you have any questions, please contact me directly at (949) 584-3148.

Respectfully submitted,

URBAN CROSSROADS, INC.



Bill Lawson, P.E., INCE  
 Principal



## REFERENCES

1. **City of Perris.** *Municipal Code, Chapter 7.34 Noise Control.*

## **APPENDIX A**

### **CITY OF PERRIS NOISE STANDARDS**

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## CHAPTER 7.34. - NOISE CONTROL

### Sec. 7.34.010. - Declaration of policy.

Excessive noise levels are detrimental to the health and safety of individuals. Noise is considered a public nuisance, and the city discourages unnecessary, excessive or annoying noises from all sources. Creating, maintaining, causing, or allowing to be created, caused or maintained, any noise or vibration in a manner prohibited by the provisions of the ordinance codified in this chapter is a public nuisance and shall be punishable as a misdemeanor.

(Code 1972, § 7.34.010; Ord. No. 1082, § 2(part), 2000)

### Sec. 7.34.020. - Definitions.

- (a) *General.* The following words, terms and phrases, when used in this chapter, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

*Ambient noise* means the all-encompassing noise associated with a given environment usually being composed of sounds from many sources near and far. For the purpose of this chapter, ambient noise level is the level obtained when the noise level is averaged over a period of five minutes without inclusion of noise from isolated identifiable sources at the location and time of day near that at which a comparison is to be made.

*Decibel (dB)* means an intensity unit which denotes the ratio between two quantities which are proportional to power; the number of decibels corresponding to the ratio is ten times the common logarithm of this ratio.

*Sound amplifying equipment* means any machine or device for the amplification of the human voice, music or any other sound. The term "sound amplifying equipment" does not include standard vehicle radios when used and heard only by the occupants of the vehicle in which the vehicle radio is installed. The term "sound amplifying equipment," as used in this chapter, does not include warning devices on any vehicle used only for traffic safety purposes and shall not include communications equipment used by public or private utilities when restoring utility service following a public emergency or when doing work required to protect person or property from an imminent exposure to danger.

*Sound level* (noise level) in decibels is the value of a sound measurement using the "A" weighting network of a sound level meter. Slow response of the sound level meter needle shall be used except where the sound is impulsive or rapidly varying in nature, in which case, fast response shall be used.

*Sound level meter* means an instrument, including a microphone, an amplifier, an output meter and frequency weighting networks, for the measurement of sound levels, which satisfies the pertinent requirements in American National Standards Institute's specification S1.4-1971 or the most recent revision for type S-2A general purpose sound level meters.

- (b) *Supplementary definitions of technical terms.* Definitions of technical terms not defined in this section shall be obtained from the American National Standards Institute's Acoustical Terminology S1-1971 or the most recent revision thereof.

(Code 1972, § 7.34.020; Ord. No. 1082, § 2(part), 2000)

### Sec. 7.34.030. - Measurement methods.

- (a) Sound shall be measured with a sound level meter as defined in section 7.34.020.
- (b) Unless otherwise provided, outdoor measurements shall be taken with the microphone **located at any point**

on the property line of the noise source but no closer than five feet from any wall or vertical obstruction and three to five feet above ground level whenever possible.

- (c) Unless otherwise provided, indoor measurements shall be taken inside the structure with the microphone located at any point as follows:
- (1) No less than three feet above floor level;
  - (2) No less than five feet from any wall or vertical obstruction; and
  - (3) Not under common possession and control with the building or portion of the building from which the sound is emanating.

(Code 1972, § 7.34.030; Ord. No. 1082, § 2(part), 2000)

Sec. 7.34.040. - Sound amplification.

No person shall amplify sound using sound amplifying equipment contrary to any of the following:

- (1) The only amplified sound permitted shall be either music or the human voice, or both.
- (2) The volume of amplified sound shall not exceed the noise levels set forth in this subsection when measured outdoors at or beyond the property line of the property from which the sound emanates.

Time Period	Maximum Noise Level
10:01 p.m.—7:00 a.m.	60 dBA
7:01 a.m.—10:00 p.m.	80 dBA

(Code 1972, § 7.34.040; Ord. No. 1082, § 2(part), 2000)

Sec. 7.34.050. - General prohibition.

- (a) It unlawful for any person to willfully make, cause or suffer, or permit to be made or caused, any loud excessive or offensive noises or sounds which unreasonably disturb the peace and quiet of any residential neighborhood or which are physically annoying to persons of ordinary sensitivity or which are so harsh, prolonged or unnatural or unusual in their use, time or place as to occasion physical discomfort to the inhabitants of the city, or any section thereof. The standards for dBA noise level in section 7.34.040 shall apply to this section. To the extent that the noise created causes the noise level at the property line to exceed the ambient noise level by more than 1.0 decibels, it shall be presumed that the noise being created also is in violation of this section.
- (b) The characteristics and conditions which should be considered in determining whether a violation of the provisions of this section exists should include, but not be limited to, the following:
- (1) The level of the noise;
  - (2) Whether the nature of the noise is usual or unusual;
  - (3) Whether the origin of the noise is natural or unnatural;
  - (4) The level of the ambient noise;
  - (5) The proximity of the noise to sleeping facilities;

- (6) The nature and zoning of the area from which the noise emanates and the area where it is received;
- (7) The time of day or night the noise occurs;
- (8) The duration of the noise; and
- (9) Whether the noise is recurrent, intermittent or constant.

(Code 1972, § 7.34.050; Ord. No. 1082, § 2(part), 2000)

Sec. 7.34.060. - Construction noise.

It is unlawful for any person between the hours of 7:00 p.m. of any day and 7:00 a.m. of the following day, or on a legal holiday, with the exception of Columbus Day and Washington's birthday, or on Sundays to erect, construct, demolish, excavate, alter or repair any building or structure in such a manner as to create disturbing, excessive or offensive noise. Construction activity shall not exceed 80 dBA in residential zones in the city.

(Code 1972, § 7.34.060; Ord. No. 1082, § 2(part), 2000)

Sec. 7.34.070. - Refuse vehicles and parking lot sweepers.

No person shall operate or permit to be operated a refuse compacting, processing or collection vehicle or parking lot sweeper between the hours of 7:00 p.m. to 7:00 a.m. in any residential area unless a permit has been applied for and granted by the city.

(Code 1972, § 7.34.070; Ord. No. 1082, § 2(part), 2000)

Sec. 7.34.080. - Disturbing, excessive, offensive noises; declaration of certain acts constituting.

The following activities, among others, are declared to cause loud, disturbing, excessive or offensive noises in violation of this section and are unlawful, namely:

- (1) *Horns, signaling devices, etc.* Unnecessary use or operation of horns, signaling devices or other similar devices on automobiles, motorcycles or any other vehicle.
- (2) *Radios, television sets, phonographs, loud speaking amplifiers and similar devices.* The use or operation of any sound production or reproduction device, radio receiving set, musical instrument, drums, phonograph, television set, loudspeakers, sound amplifier, or other similar machine or device for the producing or reproducing of sound, in such a manner as to disturb the peace, quiet or comfort of any reasonable person of normal sensitivity in any area of the city is prohibited. This provision shall not apply to any participant in a licensed parade or to any person who has been otherwise duly authorized by the city to engage in such conduct.
- (3) *Animals.*
  - a. The keeping or maintenance, or the permitting to be kept or maintained, upon any premises owned, occupied or controlled by any person of any animal or animals which by any frequent or long-continued noise shall cause annoyance or discomfort to a reasonable person of normal sensitiveness in the vicinity.
  - b. The noise from any such animal or animals that disturbs two or more residents residing in separate residences adjacent to any part of the property on which the subject animal or animals are kept or maintained, or three or more residents residing in separate residences in close proximity to the

property on which the subject animal or animals are kept or maintained, shall be prima facie evidence of a violation of this section.

- (4) *Hospitals, schools, libraries, rest homes, long-term medical or mental care facilities.* To make loud, disturbing, excessive noises adjacent to a hospital, school, library, rest home or long-term medical or mental care facility, which noise unreasonably interferes with the workings of such institutions or which disturbs or unduly annoys occupants in said institutions.
- (5) *Playing of radios on buses and trolleys.* The operation of any radio, phonograph or tape player on an urban transit bus or trolley so as to emit noise that is audible to any other person in the vehicle is prohibited.
- (6) *Playing of radios, phonographs and other sound production or reproduction devices in public parks and public parking lots and streets adjacent thereto.* The operation of any radio, phonograph, television set or any other sound production or reproduction device in any public park or any public parking lot, or street adjacent to such park or beach, without the prior written approval of the city manager or the administrator, in such a manner that such radio, phonograph, television set or sound production or reproduction device emits a sound level exceeding those found in the table in section 7.34.040.
- (7) *Leaf blowers.*
  - a. The term "leaf blower" means any portable, hand-held or backpack, engine-powered device with a nozzle that creates a directable airstream which is capable of and intended for moving leaves and light materials.
  - b. No person shall operate a leaf blower in any residential zoned area between the hours of 7:00 p.m. and 8:00 a.m. on weekdays and 5:00 p.m. and 9:00 a.m. on weekends or on legal holidays.
  - c. No person may operate any leaf blower at a sound level in excess of 80 decibels measured at a distance of 50 feet or greater from the point of noise origin.
  - d. Leaf blowers shall be equipped with functional muffers and an approved sound limiting device required to ensure that the leaf blower is not capable of generating a sound level exceeding any limit prescribed in this section.

(Code 1972, § 7.34.080; Ord. No. 1082, § 2(part), 2000)

#### Sec. 7.34.090. - Burglar alarms.

- (a) Audible burglar alarms for structures or motor vehicles are prohibited unless the operation of such burglar alarm can be terminated within 20 minutes of being activated.
- (b) Notwithstanding the requirements of this provision, any member of the county sheriff's department, Perris Division, shall have the right to take such steps as may be reasonable and necessary to disconnect any such alarm installed in any building, dwelling or motor vehicle at any time during the period of its activation. On or after 30 days from the effective date of the ordinance codified in this chapter, any building, dwelling or motor vehicle upon which a burglar alarm has been installed shall prominently display the telephone number at which communication may be made with the owner of such building, dwelling or motor vehicle.

(Code 1972, § 7.34.090; Ord. No. 1082, § 2(part), 2000)

#### Sec. 7.34.100. - Motor vehicles.

- (a) Off-highway.
  - (1) Except as otherwise provided for in this chapter, it shall be unlawful to operate any motor vehicle of any

type on any site, other than on a public street or highway as defined in the California Vehicle Code, in any manner so as to cause noise in excess of those noise levels permitted for on-highway motor vehicles as specified in the table for "45-mile-per-hour or less speed limits" contained in section 23130 of the California Vehicle Code and as corrected for distances set forth in subsection (a)(2) of this section.

- (2) The maximum noise level as the on-highway vehicle passes may be measured at a distance of other than 50 feet from the centerline of travel, provided the measurement is further adjusted by adding algebraically the application correction as follows:

Distance (feet)	Correction (decibels)
25	-6
28	-5
32	-4
35	-3
40	-2
45	-1
50 (preferred distance)	0
56	+1
63	+2
70	+3
80	+4
90	+5
100	+6

- (b) Nothing in this section shall apply to authorized emergency vehicles when being used in emergency situations including the blowing of sirens and/or horns.

(Code 1972, § 7.34.100; Ord. No. 1082, § 2(part), 2000)

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## **APPENDIX B**

### **OPERATIONAL NOISE LEVEL CALCULATIONS**

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# 13235 - Perris and Ramona Warehouse

CadnaA Noise Prediction Model: 13235\_08.cna

Date: 08.11.22

Analyst: B. Lawson

## Calculation Configuration

Configuration	
Parameter	Value
<b>General</b>	
Max. Error (dB)	0.00
Max. Search Radius (#(Unit,LEN))	2000.01
Min. Dist Src to Rcvr	0.00
<b>Partition</b>	
Raster Factor	0.50
Max. Length of Section (#(Unit,LEN))	999.99
Min. Length of Section (#(Unit,LEN))	1.01
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
<b>Ref. Time</b>	
Reference Time Day (min)	960.00
Reference Time Night (min)	480.00
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	5.00
Night-time Penalty (dB)	10.00
<b>DTM</b>	
Standard Height (m)	0.00
Model of Terrain	Triangulation
<b>Reflection</b>	
max. Order of Reflection	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rcvr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
<b>Industrial (ISO 9613)</b>	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Incl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (#(Unit,TEMP))	10
rel. Humidity (%)	70
Ground Absorption G	0.50
Wind Speed for Dir. (#(Unit,SPEED))	3.0
<b>Roads (RLS-90)</b>	
Strictly acc. to RLS-90	
<b>Railways (FTA/FRA)</b>	
Aircraft (???)	
Strictly acc. to AzB	

## Receiver Noise Levels

Name	M.	ID	Level Lr			Limit. Value			Land Use			Height	Coordinates			
			Day	Night	CNEL	Day	Night	CNEL	Type	Auto	Noise Type		X	Y	Z	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(ft)	(ft)	(ft)	(ft)	
RECEIVERS		R1	56.1	55.1	61.6	80.0	60.0	0.0				5.00	a	6264043.28	2253005.64	5.00
RECEIVERS		R2	56.8	55.8	62.2	80.0	60.0	0.0				5.00	a	6264808.43	2252998.87	5.00
RECEIVERS		R3	47.6	46.6	53.1	80.0	60.0	0.0				5.00	a	6265662.45	2252020.85	5.00
RECEIVERS		R4	57.1	56.2	62.6	80.0	60.0	0.0				5.00	a	6265499.72	2251671.63	5.00

## Point Source(s)

Name	M.	ID	Result. PWL			Lw / Li		Operating Time			KO	Height	Coordinates			
			Day	Evening	Night	Type	Value	norm.	Day	Special			Night	X	Y	Z
			(dBA)	(dBA)	(dBA)		dB(A)	(min)	(min)	(min)	(dB)	(ft)	(ft)	(ft)	(ft)	
POINTSOURCE		AC01	89.4	89.4	89.4	Lw	89.4	585.00	0.00	252.00	0.0	5.00	g	6265061.76	2251926.16	0.00
POINTSOURCE		AC02	89.4	89.4	89.4	Lw	89.4	585.00	0.00	252.00	0.0	5.00	g	6265072.94	2252131.62	0.00
POINTSOURCE		AC03	89.4	89.4	89.4	Lw	89.4	585.00	0.00	252.00	0.0	5.00	g	6264862.33	2252113.56	0.00
POINTSOURCE		AC04	89.4	89.4	89.4	Lw	89.4	585.00	0.00	252.00	0.0	5.00	g	6264907.03	2252113.56	0.00
POINTSOURCE		AC05	89.4	89.4	89.4	Lw	89.4	585.00	0.00	252.00	0.0	5.00	g	6264858.89	2252188.35	0.00
POINTSOURCE		AC06	89.4	89.4	89.4	Lw	89.4	585.00	0.00	252.00	0.0	5.00	g	6264904.45	2252190.07	0.00
POINTSOURCE		DT01	86.5	86.5	86.5	Lw	86.5	900.00	0.00	270.00	0.0	3.00	a	6265076.38	2252190.93	0.00
POINTSOURCE		DT02	86.5	86.5	86.5	Lw	86.5	900.00	0.00	270.00	0.0	3.00	a	6265066.06	2251988.92	0.00
POINTSOURCE		TRASH01	102.8	102.8	102.8	Lw	102.8	900.00	0.00	270.00	0.0	5.00	a	6264215.03	2251695.78	0.00

## Line Source(s)

Urban Crossroads, Inc.

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Operating Time			Moving Pt. Src			Height (ft)
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	Number	Speed		
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)		dB(A)		(min)	(min)	(min)	Day	Evening	Night	
LINESOURCE		TRUCK01	91.4	91.4	91.4	70.5	70.5	70.5	Lw	91.4								8
LINESOURCE		TRUCK02	91.4	91.4	91.4	73.3	73.3	73.3	Lw	91.4								8

Name	Height		Coordinates			
	Begin	End	x	y	z	Ground
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
LINESOURCE	8.00	a	6264819.35	2251767.99	0.00	0.00
			6265225.82	2251770.59	0.00	0.00
LINESOURCE	8.00	a	6264201.83	2251748.22	0.00	0.00
			6264164.31	2251750.80	0.00	0.00
			6264140.24	2251744.78	0.00	0.00
			6264098.12	2251727.59	0.00	0.00
			6264071.47	2251712.98	0.00	0.00
			6264031.07	2251708.68	0.00	0.00
			6263999.22	2251718.92	0.00	0.00

### Area Source(s)

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height (ft)			
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night				
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)		dB(A)		(min)	(min)	(min)				
AREASOURCE		DOCK01	115.7	115.7	115.7	75.5	75.5	75.5	Lw	115.7								8

Name	Height		Coordinates			
	Begin	End	x	y	z	Ground
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
AREASOURCE	8.00	a	6264201.28	2251865.99	0.00	0.00
			6264819.35	2251866.85	0.00	0.00
			6264819.35	2251808.40	0.00	0.00
			6264819.35	2251682.03	0.00	0.00
			6264202.14	2251682.03	0.00	0.00

### Barrier(s)

Name	M.	ID	Absorption		Z-Ext.	Cantilever		Height		Coordinates					
			left	right		horz.	vert.	Begin	End	x	y	z	Ground		
			(ft)	(ft)		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
Existing Barrier		BARRIERS00001						8.00	a			6265662.38	2252074.09	8.00	0.00
												6265662.35	2252020.93	8.00	0.00
												6265658.90	2252020.90	8.00	0.00
												6265651.75	2251044.47	8.00	0.00
BARRIERS		BARRIERS00001						8.00	a			6264201.90	2251731.88	0.00	0.00
												6264202.14	2251682.03	0.00	0.00
												6264819.35	2251682.03	0.00	0.00
												6264819.35	2251751.66	0.00	0.00

### Building(s)

Name	M.	ID	RB	Residents	Absorption	Height	Coordinates				
							Begin	x	y	z	Ground
							(ft)	(ft)	(ft)	(ft)	(ft)
BUILDING		BUILDING00001	x	0		53.00	a	6264094.68	2252205.54	0.00	0.00
								6264925.94	2252208.12	0.00	0.00
								6264925.08	2251807.54	0.00	0.00
								6264819.35	2251808.40	0.00	0.00
								6264819.35	2251866.85	0.00	0.00
								6264201.28	2251865.99	0.00	0.00
								6264203.00	2251805.82	0.00	0.00
								6264095.54	2251804.96	0.00	0.00
BUILDING		BUILDING00002	x	0		25.00	a	6265056.61	2252164.28	0.00	0.00
								6265085.83	2252166.00	0.00	0.00
								6265089.27	2252097.23	0.00	0.00
								6265058.33	2252097.23	0.00	0.00
BUILDING		BUILDING00003	x	0		25.00	a	6265034.26	2251976.02	0.00	0.00
								6265086.69	2251981.18	0.00	0.00
								6265084.97	2251877.17	0.00	0.00
								6265036.83	2251884.04	0.00	0.00