KUNZMAN ASSOCIATES, INC.

SYCAMORE CANYON BUSINESS PARK WAREHOUSE

NOISE IMPACT ANALYSIS

August 1, 2016

Traffic Engineering | Transportation Planning | Parking | Noise/Vibration | Expert Witness
Air Quality | Global Climate Change | Health Risk Assessment

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Prepared by:

Roma Stromberg, M.S./INCE
Catherine Howe, M.S.
Carl Ballard, LEED GA
William Kunzman, P.E.

1111 Town & Country Road, Suite 34
Orange, California 92868
(714) 973-8383

www.traffic-engineer.com

JN 6042a

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I. INTRODUCTION AND SETTING

A. Purpose and Objectives

The purpose of this report is to provide an assessment of the noise impacts that may occur with the development of the proposed Sycamore Canyon Business Park Warehouse project and to identify mitigation measures that may be necessary to reduce those impacts.

Although this is a technical report, every effort has been made to write the report clearly and concisely. To assist the reader with those terms unique to noise analysis, a list of acronyms and definitions of acoustical terms are provided in Appendices A and B of this report.

B. Project Location

The project is located west of Lance Drive between Dan Kipper Drive and Sierra Ridge Drive in the City of Riverside. A vicinity map showing the project location is provided on Figure 1.

C. Project Description

The project site encompasses approximately 76 gross acres. Two separate high-cube warehouse distribution center buildings are proposed, 1,012,995 square feet and 362,174 square feet in size. As indicated on Figures 1 and 2, the proposed buildings will have access to Lance Drive east of the project and Sierra Ridge Drive south of the project. The project will also have limited access to Dan Kipper Drive east of the project. No vehicle type restrictions are proposed for the project driveways on Lance Drive and all project driveways are expected to be utilized by both passenger cars and trucks. The project will include 589 auto parking spaces and 352 trailer parking spaces.

The proposed project is expected to generate a total of approximately 2,409 average daily trips and 261 PM peak hour trips. Figure 2 illustrates the project site plan.

Figure 1
Project Location Map

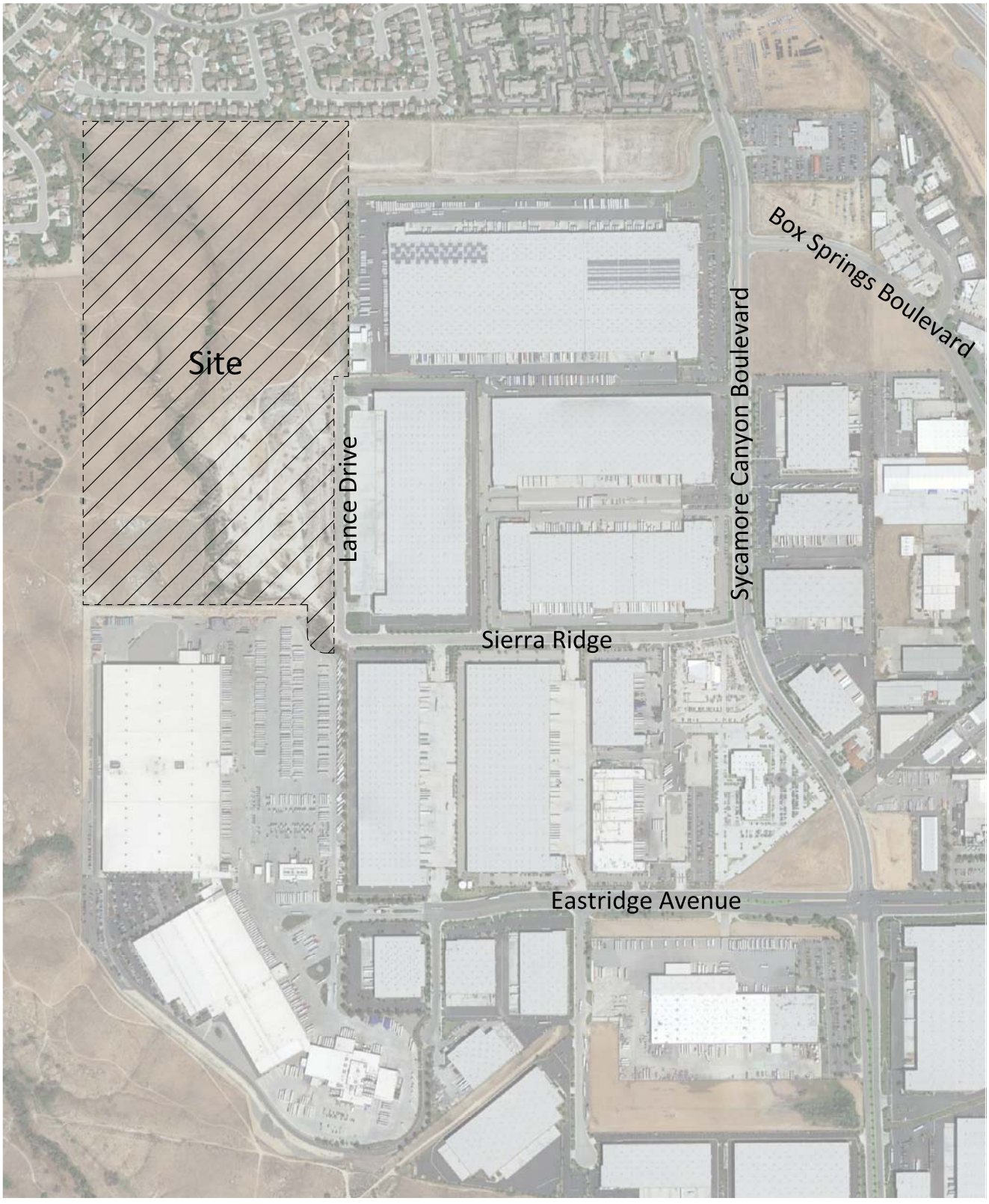

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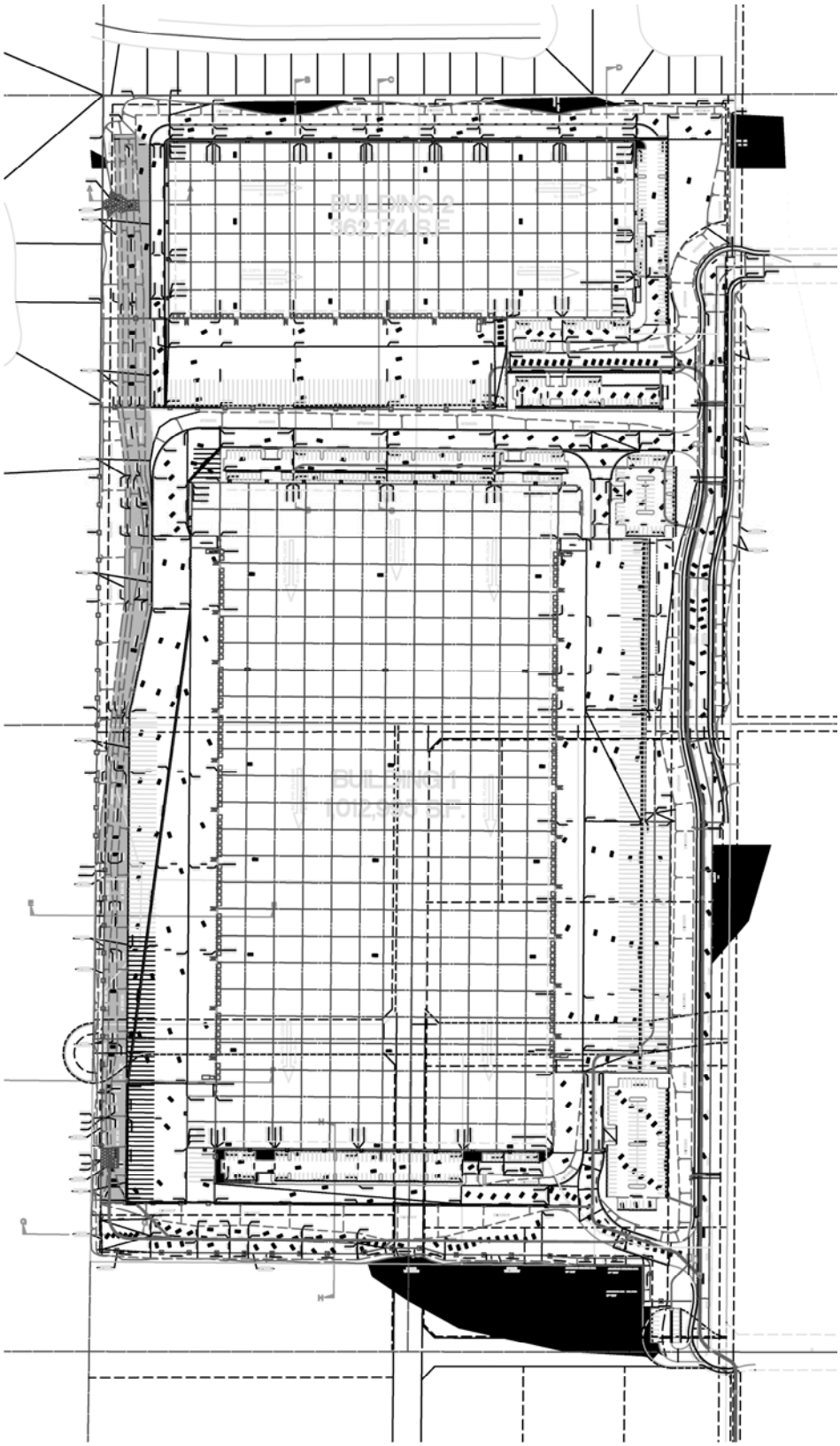
Figure 2
Site Plan



II. NOISE AND VIBRATION FUNDAMENTALS

A. Noise Fundamentals

Sound is a pressure wave created by a moving or vibrating source that travels through an elastic medium such as air. Noise is defined as unwanted or objectionable sound. The effects of noise on people can include general annoyance, interference with speech communication, sleep disturbance, and in extreme circumstances, hearing impairment.

A list of noise related acronyms is presented in Appendix A. Commonly used noise terms are presented in Appendix B. The unit of measurement used to describe a noise level is the decibel (dB). The human ear is not equally sensitive to all frequencies within the sound spectrum. Therefore, the "A-weighted" noise scale, which weights the frequencies to which humans are sensitive, is used for measurements. Noise levels using A-weighted measurements are written dB(A) or dBA.

From the noise source to the receiver, noise changes both in level and frequency spectrum. The most obvious is the decrease in noise as the distance from the source increases. The manner in which noise reduces with distance depends on whether the source is a point or line source as well as ground absorption, atmospheric effects and refraction, and shielding by natural and manmade features. Sound from point sources, such as air conditioning condensers, radiates uniformly outward as it travels away from the source in a spherical pattern. The noise drop-off rate associated with this geometric spreading is 6 dBA per each doubling of the distance (dBA/DD). Transportation noise sources such as roadways are typically analyzed as line sources, since at any given moment the receiver may be impacted by noise from multiple vehicles at various locations along the roadway. Because of the geometry of a line source, the noise drop-off rate associated with the geometric spreading of a line source is 3 dBA/DD.

Decibels are measured on a logarithmic scale, which quantifies sound intensity in a manner similar to the Richter scale used for earthquake magnitudes. Thus, a doubling of the energy of a noise source, such as a doubled traffic volume, would increase the noise levels by 3 dBA; halving of the energy would result in a 3 dBA decrease.

Figure 3 shows the relationship of various noise levels to commonly experienced noise events.

Average noise levels over a period of minutes or hours are usually expressed as dBA_{Leq}, or the equivalent noise level for that period of time. For example, $L_{eq(3)}$ would represent a 3-hour average. When no period is specified, a one-hour average is assumed.

Noise standards for land use compatibility are stated in terms of the Community Noise Equivalent Level (CNEL) and the Day-Night Average Noise Level (L_{dn}). CNEL is a 24-hour weighted average measure of community noise. CNEL is obtained by adding five decibels to sound levels in the evening (7:00 PM to 10:00 PM), and by adding ten decibels to sound levels at night (10:00 PM to 7:00 AM). This weighting accounts for the increased human sensitivity

to noise during the evening and nighttime hours. L_{dn} is a very similar 24-hour average measure that weights only the nighttime hours.

It is widely accepted that the average healthy ear can barely perceive changes of 3 dBA; that a change of 5 dBA is readily perceptible, and that an increase (decrease) of 10 dBA sounds twice (half) as loud. This definition is recommended by the California Department of Transportation's Traffic Noise Analysis Protocol for New Highway and Reconstruction Projects (2009).

B. Vibration Fundamentals

The way in which vibration is transmitted through the earth is called propagation. Propagation of earthborn vibrations is complicated and difficult to predict because of the endless variations in the soil through which waves travel. There are three main types of vibration propagation: surface, compression and shear waves. Surface waves, or Raleigh waves, travel along the ground's surface. These waves carry most of their energy along an expanding circular wave front, similar to ripples produced by throwing a rock into a pool of water. Compression waves, or P-waves, are body waves that carry their energy along an expanding spherical wave front. The particle motion in these waves is longitudinal (i.e., in a "push-pull" fashion). P-waves are analogous to airborne sound waves. Shear waves, or S-waves, are also body waves that carry energy along an expanding spherical wave front. However, unlike P-waves, the particle motion is transverse or "side-to-side and perpendicular to the direction of propagation".

As vibration waves propagate from a source, the energy is spread over an ever-increasing area such that the energy level striking a given point is reduced with the distance from the energy source. This geometric spreading loss is inversely proportional to the square of the distance. Wave energy is also reduced with distance as a result of material damping in the form of internal friction, soil layering, and void spaces. The amount of attenuation provided by material damping varies with soil type and condition as well as the frequency of the wave.

Construction operations generally include a wide range of activities that can generate groundborne vibration. Vibratory compactors or rollers, pile drivers, and pavement breakers can generate perceptible amounts of vibration at up to 200 feet. Heavy trucks can also generate groundborne vibrations, which can vary depending on vehicle type, weight, and pavement conditions. Potholes, pavement joints, discontinuities, or the differential settlement of pavement all increase the vibration levels from vehicles passing over a road surface. Construction vibration is normally of greater concern than vibration from normal traffic flows on streets and freeways with smooth pavement conditions.

Typically, particle velocity or acceleration (measured in gravities) is used to describe vibration. Table 1 shows the peak particle velocities (PPV) of some common construction equipment and Table 2 shows typical human reactions to various levels of PPV as well as the effect of PPV on buildings.

Table 1

Vibration Source Levels for Construction Equipment[1]

Equipment	Peak Particle Velocity (PPV) (inches/second) at 25 feet	Approximate Vibration Level LV (dVB) at 25 feet
Pile driver (impact)	1.518 (upper range)	112
	0.644 (typical)	104
Pile driver (sonic)	0.734 upper range	105
	0.170 typical	93
Clam shovel drop (slurry wall)	0.202	94
Hydromill	0.008 in soil	66
(slurry wall)	0.017 in rock	75
Vibratory Roller	0.21	94
Hoe Ram	0.089	87
Large bulldozer	0.089	87
Caisson drill	0.089	87
Loaded trucks	0.076	86
Jackhammer	0.035	79
Small bulldozer	0.003	58
Large bulldozer	0.089	87
Loader	0.089	87

[1] Source: Transit Noise and Vibration Impact Assessment, Federal Transit Administration, May 2006.

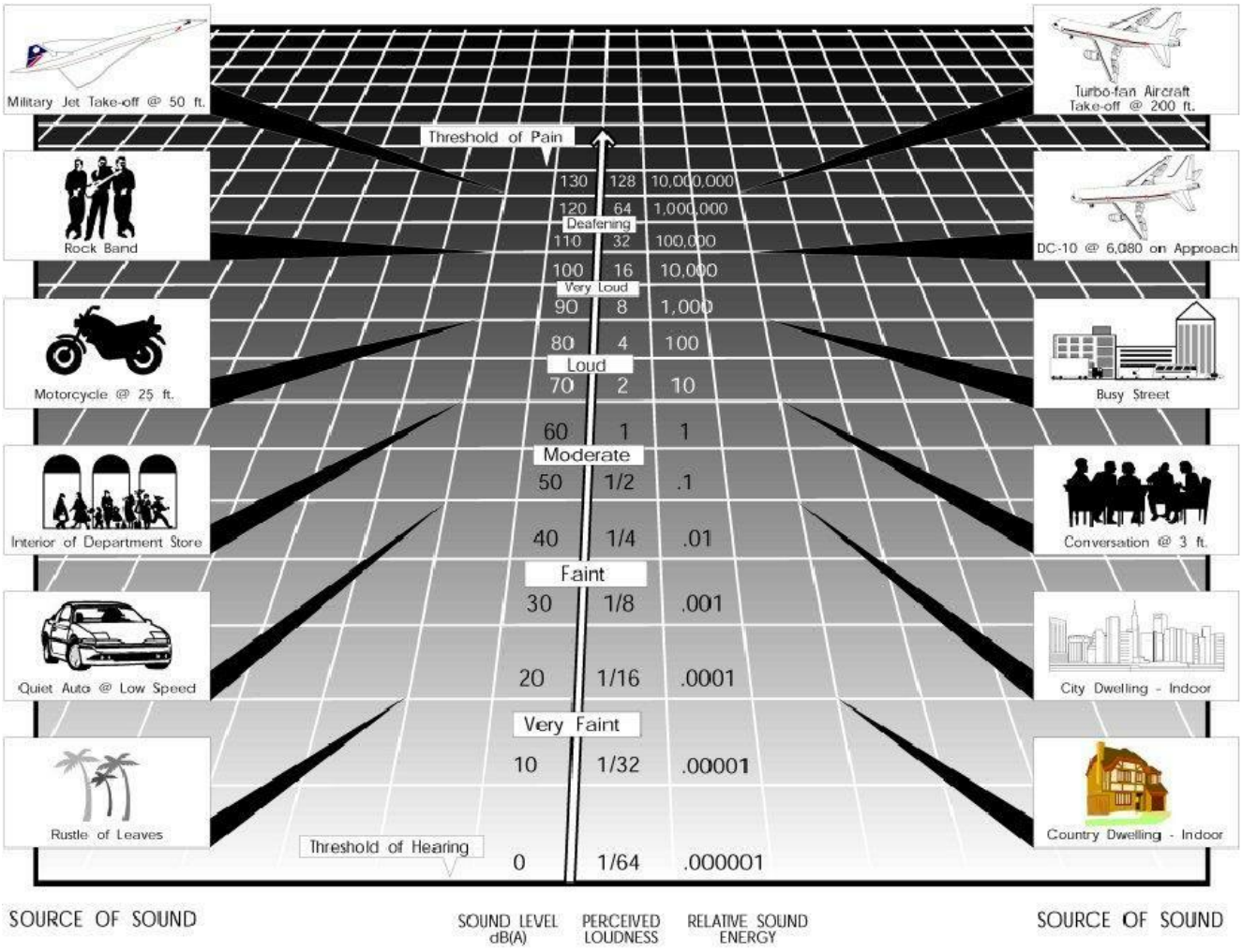
Table 2

Typical Human Reaction and Effect on Buildings Due to Groundborne Vibration[1]

Vibration Level Peak Particle Velocity (PPV)	Human Reaction	Effect on Buildings
0.006–0.019 in/sec	Threshold of perception, possibility of intrusion	Vibrations unlikely to cause damage of any type
0.08 in/sec	Vibrations readily perceptible	Recommended upper level of vibration to which ruins and ancient monuments should be subjected
0.10 in/sec	Level at which continuous vibration begins to annoy people	Virtually no risk of "architectural" (i.e., not structural) damage to normal buildings
0.20 in/sec	Vibrations annoying to people in buildings	Threshold at which there is a risk to "architectural" damage to normal dwelling – houses with plastered walls and ceilings
0.4–0.6 in/sec	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause "architectural" damage and possibly minor structural damage

[1] Source: California Department of Transportation, 2002

Figure 3
Common Noise Sources and Noise Levels



III. EXISTING NOISE ENVIRONMENT

A. Existing Land Uses and Sensitive Receptors

The project site is bordered on the north and northwest by single-family detached residential dwelling units; to the east by Lance Drive, commercial uses, and vacant land; to the south by industrial and warehouse uses; and to the west by the Sycamore Canyon Wilderness Park.

The State of California defines sensitive receptors as those land uses that require serenity or are otherwise adversely affected by noise events or conditions. Schools, libraries, churches, hospitals, single and multiple-family residential, including transient lodging, motels and hotel uses make up the majority of these areas. Sensitive receptors that may be affected by project generated noise include the surrounding single-family detached residential dwelling units adjacent to and in the vicinity of the project site.

B. Ambient Noise Measurements

An American National Standards Institute (ANSI Section SI4 1979, Type 1) Larson Davis model LxT sound level meter was used to document existing ambient noise levels. In order to document existing ambient noise levels in the project area, two (2) 10-minute daytime noise measurements were taken. The first noise measurement was taken twice, once while nearby construction was active and once when the construction was inactive. The first noise measurement, during active construction, was taken on December 15, 2015 between 2:13 PM and 2:23 PM, and, when construction was inactive, on December 18, 2015 between 6:59 PM and 7:09 PM. The second noise measurement was taken between 5:23 PM and 5:33 PM on December 14, 2015. In addition, two 24-hour noise measurements were taken on December 28, 2015 and December 29, 2015. Field worksheets and noise measurement output data is included in Appendix C.

As shown on Figure 4, the noise measurements were taken near existing noise sensitive areas surrounding the project site. Table 3 provides a summary of the short-term and long-term ambient noise data. Measured one-hour (L_{eq}) noise levels ranged between 41.9 dB (STNM2) and 52.4 dB (STNM1). Hourly Leq noise levels recorded during long term noise measurements ranged between 42.4 dB and 60.5 dB (LTNM1) 38.8 dB and 51.9 dB (LTNM2). Noise sources included residential noise, dogs barking, and construction activity. Traffic from the I-215 Freeway was audible but not dominant. Occasional aircraft noise, rustling of leaves, and bird song were also audible.

Table 3

Short-Term Noise Measurement Summary (dBA)[1]

Daytime											
Site Location		Date	Time Started	Leq	Lmax	Lmin	L(2)	L(8)	L(25)	L(50)	L(90)
ST	1 (Active Construction)	12/15/2015	2:13 PM	56.0	62.6	52.9	59.3	58.0	56.6	55.7	54.0
ST	1 (Inactive Construction)	12/18/2015	6:59 PM	52.2	56.3	47.6	55.4	54.7	53.0	51.8	49.5
ST	2	12/14/2015	5:23 PM	41.9	58.9	34.5	49.0	45.1	41.1	39.1	35.9
LT	1	12/29/2015	2:00 PM	54.0	78.9	32.1	59.5	57.4	53.6	50.3	40.2
LT	2	12/28/2015	9:00 AM	46.3	80.2	28.7	52.5	50.4	46.3	42.4	35.6

[1] See Figure 4 for noise measurement locations. ST measurements were performed over a 10-minute duration and LT measurements were performed over a 24 hour duration.

Figure 4
Noise Measurement Location Map

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IV. REGULATORY SETTING

A. Federal Regulations

1. Federal Noise Control Act of 1972

The U.S. Environmental Protection Agency (EPA) Office of Noise Abatement and Control was originally established to coordinate federal noise control activities. After its inception, EPA's Office of Noise Abatement and Control issued the Federal Noise Control Act of 1972, establishing programs and guidelines to identify and address the effects of noise on public health, welfare, and the environment. In response, the EPA published Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety (Levels of Environmental Noise). The Levels of Environmental Noise recommended that the Ldn should not exceed 55 dBA outdoors or 45 dBA indoors to prevent significant activity interference and annoyance in noise-sensitive areas.

In addition, the Levels of Environmental Noise identified five (5) dBA as an "adequate margin of safety" for a noise level increase relative to a baseline noise exposure level of 55 dBA Ldn (i.e., there would not be a noticeable increase in adverse community reaction with an increase of five dBA or less from this baseline level). The EPA did not promote these findings as universal standards or regulatory goals with mandatory applicability to all communities, but rather as advisory exposure levels below which there would be no risk to a community from any health or welfare effect of noise.

In 1981, EPA administrators determined that subjective issues such as noise would be better addressed at lower levels of government. Consequently, in 1982 responsibilities for regulating noise control policies were transferred to State and local governments. However, noise control guidelines and regulations contained in EPA rulings in prior years remain in place by designated Federal agencies, allowing more individualized control for specific issues by designated Federal, State, and local government agencies.

B. State Regulations

1. State of California General Plan Guidelines 2003

Though not adopted by law, the State of California General Plan Guidelines 2003, published by the California Governor's Office of Planning and Research (OPR) (OPR Guidelines), provide guidance for the compatibility of projects within areas of specific noise exposure. The OPR Guidelines identify the suitability of various types of construction relative to a range of outdoor noise levels and provide each local community some flexibility in setting local noise standards that allow for the variability in community preferences. Findings presented in the Levels of Environmental Noise Document (EPA 1974) influenced the recommendations of the OPR Guidelines, most importantly in the choice of noise exposure metrics (i.e., Ldn or CNEL) and in the upper limits for the Normally Acceptable outdoor exposure of noise-sensitive uses. The OPR Guidelines include a Noise and Land Use Compatibility Matrix identifies acceptable and unacceptable community noise exposure limits for various land use categories. The City of Riverside has utilized the State's noise/land use compatibility matrix as a model to create their own.

C. Local Regulations

1. City of Riverside General Plan

Land Use Compatibility for Community Noise Exposure

The City utilizes the Land Use Compatibility for Community Noise Exposure Guidelines (shown in Table 4) to gauge the compatibility of land uses relative to existing and future noise levels associated with transportation related noise. Based on guidelines shown in Table 4, industrial land uses are considered to be normally acceptable in noise environments of up to 70 dBA CNEL.

Goals, Policies, and Implementation Measures

The City utilizes the following General Plan Noise Element objectives and policies to assess evaluate the project's suitability in light of noise impacts.

Objective N-1 Minimize noise levels from point sources throughout the community and, wherever possible, mitigate the effects of noise to provide a safe and healthful environment.

Policies:

N-1.3 Enforce the City of Riverside Noise Control Code to ensure that stationary noise and noise emanating from construction activities, private developments/residences and special events are minimized.

N-1.4 Incorporate noise considerations into the site plan review process, particularly with regard to parking and loading areas, ingress/egress points and refuse collection areas.

Objective N-2 Minimize the adverse effects of airport related noise through proper land use planning.

Policies:

N-2.1 Ensure that new development can be made compatible with the noise environment by using noise/land use compatibility standards (Table 4, Noise/Land Use Noise Compatibility Criteria) and the airport noise contour maps (found in the Riverside County Airport Land Use Compatibility Plans) as guides to future planning and development decisions.

N-2.5 Utilize the Airport Protection Overlay Zone, as appropriate, to advise landowners of special noise considerations associated with their development.

Objective N-4 Minimize ground transportation-related noise impacts.

Policies:

N-4.1 Ensure that noise impacts generated by vehicular sources are minimized through the use of noise reduction features (e.g., earthen berms, landscaped walls, lowered streets, improved technology).

2. City of Riverside Municipal Ordinance

Title 7 Noise Control of the City's Municipal Ordinance outlines the City's noise ordinance which is intended to establish city-wide standards for the regulation of noise.

Section 7.25.010 Exterior Sound Level Limits

A. Unless a variance has been granted as provided in this chapter, it shall be unlawful for any person to cause or allow the creation of any noise which exceeds the following:

1. The exterior noise standard of the applicable land use category, up to five decibels, for a cumulative period of more than thirty minutes in any hour; or
2. The exterior noise standard of the applicable land use category, plus five decibels, for a cumulative period of more than fifteen minutes in any hour; or
3. The exterior noise standard of the applicable land use category, plus ten decibels, for a cumulative period of more than five minutes in any hour; or
4. The exterior noise standard of the applicable land use category, plus fifteen decibels, for the cumulative period of more than one minute in any hour; or
5. The exterior noise standard for the applicable land use category, plus twenty decibels or the maximum measured ambient noise level, for any period of time.

B. If the measured ambient noise level exceeds that permissible within any of the first four noise limit categories, the allowable noise exposure standard shall be increased in five decibel increments in each category as appropriate to encompass the ambient noise level. In the event the ambient noise level exceeds the fifth noise limit category, the maximum allowable noise level under said category shall be increased to reflect the maximum ambient noise level.

Table 7.25.010A
Exterior Noise Standards

Land Use Category	Time Period	Noise Level
Residential	Night (10:00 PM to 7:00 AM) Day (7:00 AM to 10:00 PM	45 dBA 55 dBA
Office/Commercial	Anytime	65 dBA
Industrial	Anytime	70 dBA
Community Support	Anytime	60 dBA
Public Recreation Facility	Anytime	65 dBA
Nonurban	Anytime	70 dBA

Table 7.25.010B Land Use Category/Zoning Matrix	
Land Use Category	Underlying Zone
Residential	RE, RA-5, RR, RC, R-1-1/2 acre, R-1-13000, R-1-10500, R-1-8500, R-1-7000, R-3-2500, R-3-4000, R-3-3000, R-3-2000, R-3-1500, R-4
Office/Commercial	O, CRC, CR-NC, CR, CG
Industrial	BMP, I, AIR
Community Support	Any permitted zone
Nonurban	Any permitted zone

Section 7.30.015 Interior Sound Level Limits

A. No person shall operate or cause to be operated, any source of sound indoors which causes the noise level, when measured inside another dwelling unit, school or hospital, to exceed:

1. The interior noise standard for the applicable land category area, up to five decibels, for a cumulative period of more than five minutes in any hour;
2. The interior noise standard for the applicable land use category, plus five decibels, for a cumulative period of more than one minute in any hour;
3. The interior noise standard for the applicable land use category, plus ten decibels or the maximum measured ambient noise level, for any period of time.

B. If the measured interior ambient noise level exceeds that permissible within the first two noise limit categories in this section, the allowable noise exposure standard shall be increased in five decibel increments in each category as appropriate to reflect the interior ambient noise level. In the event the interior ambient noise level exceeds the third noise limit category, the maximum allowable interior noise level under said category shall be increased to reflect the maximum interior ambient noise level.

C. The interior noise standard for various land use districts shall apply, unless otherwise specifically indicated, within structures located in designated zones with windows opened or closed as is typical of the season.

Table 7.30.015 Interior Noise Standards		
Land Use Category	Time Period	Noise Level
Residential	Night (10:00 PM to 7:00 AM) Day (7:00 AM to 10:00 PM	35 dBA 45 dBA
School	7:00 AM to 10:00 PM (while school is in session)	45 dBA
Hospital	Anytime	45 dBA

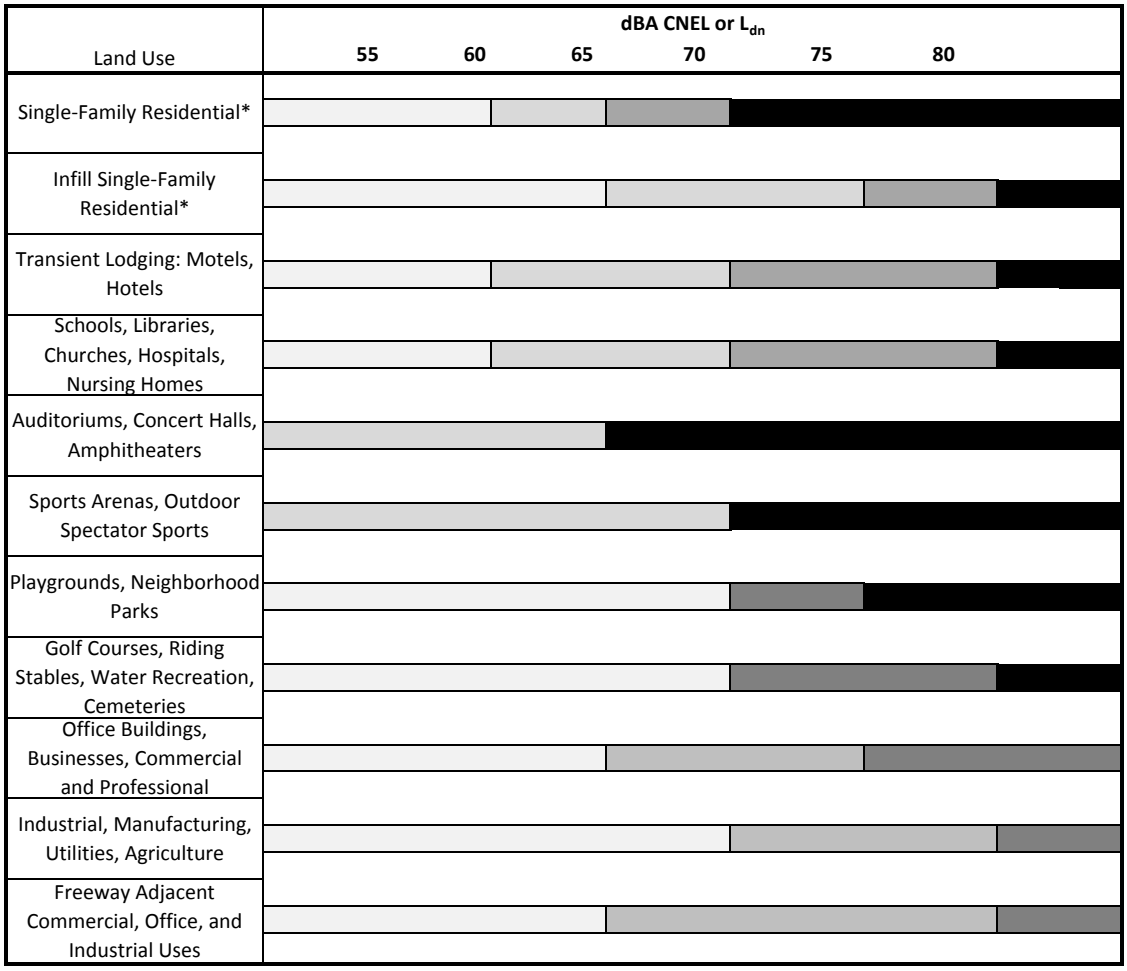
Section 7.35.010 General Noise Regulations

Section 7.35.010(B)(4) prohibits loading, unloading, opening, closing or other handling of boxes, crates, containers, building materials, garbage cans, or similar objects, or permitting these activities between the hours of 10:00 PM and 7:00 AM in such a manner as to cause a noise disturbance across a residential property line or at any time exceeds the maximum permitted noise level for the underlying land use category.

Section 7.35.010(B)(5) of the municipal code regulates the allowable hours of construction activity to 7:00 AM – 7:00 PM on weekdays and to 8:00 AM – 5:00 PM on Saturdays, with no construction activities allowed on Sunday or federal holidays. In addition, the municipal code limits noise levels from construction activities to the maximum permitted exterior noise level for the affected area. In the case of this project, the site is surrounded by existing residential land uses, therefore the project must not exceed the maximum permitted level of 75 dBA per Section 7.25.010 of the Municipal Code (above).

Table 4

Noise and Land Use Compatibility Matrix[1]



Normally Acceptable: Specified land uses is satisfactory based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation or requirements.	**Conditionally Acceptable:** New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice. Outdoor environment will seem noisy.	**Normally Unacceptable:** New construction and development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made with needed noise insulation features included in the design. Outdoor areas must be shielded.	**Conditionally Unacceptable:** New construction or development should generally not be undertaken, unless it can be demonstrated that noise reduction requirements can be employed to reduce noise impacts to an acceptable level. If new construction or development does proceed, a detailed analysis of noise reduction requirements must be made and needed noise insulation feature included in the design.

*For properties located within airport influence areas, acceptable noise limits for single-family detached residential uses are established by the Riverside

V. IMPACT ANALYSIS

A. Noise Impacts

1. Construction Noise

Construction noise is considered a short-term impact and would be considered significant if construction activities are undertaken outside the allowable times as described by the City's Municipal Code (Section 7.35.010). Existing single-family detached residential dwelling units located adjacent to the project site may be affected by short-term noise impacts associated with the transport of workers, the movement of construction materials to and from the project site, ground clearing, excavation, grading, and building activities.

Project generated construction noise will vary depending on the construction process, type of equipment involved, location of the construction site with respect to sensitive receptors, the schedule proposed to carry out each task (e.g., hours and days of the week) and the duration of the construction work. Site preparation is expected to produce the highest sustained construction noise levels. Typical noise sources and noise levels associated with the site grading phase of construction are shown in Table 5. Typical operating cycles for these types of construction equipment may involve one or two minutes of full power operation followed by three to four minutes at lower power settings.

A worst-case construction noise scenario was calculated using the SoundPLAN Noise Model assuming the use of a grader, a rubber tired dozer, a D10 dozer, two water trucks (modeled as dump trucks), two loaders, and 10 scrapers all operating between 40 and 444 feet from the nearest sensitive receptors. An active rock crusher was also modeled in the southeastern corner of the project site. As shown on Figure 5, unmitigated noise levels may reach up to 80 dBA L_{eq} at the nearest single-family detached residential dwelling units. As shown on Figure 6, construction noise levels are not expected to exceed 70 dBA L_{eq} at the nearest single-family detached residential dwelling units with installation of a 12-foot temporary noise barrier.

Section 7.25.010 of the City's noise ordinance requires that maximum noise events do not exceed 75 dBA L_{max}. Instantaneous noise events may occur that will result in exceedances of the maximum noise level limit of 75 dBA L_{eq} at nearby sensitive receptors (i.e., rock being loaded into trucks). Measures to minimize construction noise impacts are presented in Section VI of this report. The recommended reduction measures in addition to the proposed temporary noise barrier are expected to yield up to an additional 10 dBA in noise reduction to minimize maximum noise events.

2. Project Generated On-Site Operational Noise

Sensitive receptors that may be affected by project operational noise include the surrounding single-family detached residential dwelling units adjacent to and in the vicinity of the project site.

Noise sources associated with vehicle movements within the proposed parking areas, idling trucks, truck trailer hitching and unhitching activities, trash compactors, and rooftop HVAC were modeled in SoundPLAN. Noise contributions and emissions are presented in Appendix D. Operational noise from the proposed facility is expected to consist primarily of semi-trucks (tractor-trailers) entering and exiting the loading areas and accessing dock areas, removal and hook-up of trailers, occasional truck air brakes, and vehicles associated with employees.

The portions of project loading and unloading areas where truck trailer hitching and unhitching may occur were modeled as area sources with sound power levels ranging between 68-70 dBA which is equivalent to a sound pressure level of 65 to 67 dBA.[1]

Noise associated with parking lots include but are not limited to idling cars, doors closing, and starting engine noise. Vehicle Parking lot noise was modeled by dividing peak hour trip generation by the number of parking spots in each area. SoundPLAN reference sound power levels for parking areas include automobile movements, vehicles starting, and doors being shut. Noise associated with each parking area will vary depending upon the size of the parking lot and the number of parking movements per hour.

The rooftop HVAC equipment was modeled as a point source and was placed on-top of the structures' roofs. SoundPLAN's reference sound power level of 85 dB which is equivalent to a sound pressure level of 74 dBA at 3 feet, was utilized for modeling purposes. Five trash compactors were also modeled as identified on the project site plan. A sound power level of 89.6 which is equivalent to a sound pressure level of approximately 67.9 dBA at a distance of 10 feet, was utilized to represent each trash compactor. These sound reference levels are provided in the SoundPLAN model noise reference level library. Usage factors were applied to the trash compactors as they are not expected to be utilized more than once an hour.

Without mitigation, project operational noise levels are expected to range between 30 and 52 dBA L_{eq} at nearby sensitive receptors and up to 48 along the property line (see Figure 7a). Unmitigated operational noise will not exceed the daytime noise standards of 55 dBA Leq. They are however, expected to exceed the nighttime 45 dBA Leq along the western project boundary.

In order to mitigate nighttime project operational noise levels to the nighttime standard of 45 dBA Leq at affected sensitive receptors, a ten-foot noise barrier should be installed along the perimeter of the outdoor use areas of the single family detached residential dwelling units situated west of the project site (see Figure 7b). Further, a restriction of nighttime use between the hours of 10:00 PM to 7:00 AM should be implemented for the loading area and trailer parking located just south of Building 2 and within 360 feet of the western property line, as shown on Figure 7b. A measure requiring this mitigation is included in this report in Section VI.

[1] Noise Measurement Survey for United States Postal Service Transfer Station, Santa Ana, California. MD Acoustics, 2007

As the affected homes are of newer construction, they are expected to provide at least 10 dB of exterior to interior noise reduction with their windows open (Caltrans 2013). Therefore, with construction of the aforementioned 10-foot barrier, interior noise levels at the affected single-family detached residential dwelling units are not expected to exceed the City's interior noise standard of 35 dBA Leq.

In addition to the "Base" daytime and nighttime noise standards of 55 dBA L_{eq} (daytime) and 45 dBA L_{eq} (nighttime), the City's Noise Ordinance also includes several other noise level criteria that are based on the percentage of time a particular noise level is exceeded over a measurement period. These criteria are represented by the L_{max}, L_{50}, L_{25}, L_8 and L_2 criteria. If the project is unlikely to exceed the City's most strict noise standard which is the L_{eq} standard, it is also unlikely that the, Lmax, L50, L_{25}, L_8 and L_2 criteria would be violated. Activities that may violate these shorter time/louder criteria thresholds as presented in Municipal Code Section 7.25.010 include back-up warning beepers, trash compactor and truck trailer hitching and unhitching associated with loading and activities. The maximum exterior noise level standards (L_{max}) are 75 dBA for daytime hours and 65 dBA for nighttime hours. Per the Caltrans Traffic Noise Manual (2013), normal construction with windows open will provide 10 dBA of exterior to interior noise reduction.

Back up warning beeping can vary depending on the manufacturer and use. A maximum noise event associated with a warning beeper situated just outside the loading area closest to sensitive receptors, was modeled in SoundPLAN with a sound power level of 103 dBA, which is equivalent to a sound pressure level of 66.4 dBA at a distance of 50 feet. As shown on Figure 8a, noise associated with the beeping could theoretically reach up to 55 dBA L_{max} at the backyard of the nearest single-family detached residential dwelling unit and is not expected to exceed the daytime or nighttime ordinance thresholds or result in sleep disturbance.

With construction of a ten-foot barrier at the top of the slope to the west as shown in Figure 8b, noise levels associated with the back up beeper are expected to reach up to 44 dBA L_{max} at the top of the slope to the west of the project site. Even without construction of the ten-foot barrier at the top of the slope west of the project site, back up beeping noise will not exceed the daytime noise standard of 75 dBA L_{max} or the nighttime maximum noise standard of 65 dBA L_{max} and is not expected to result in sleep disruption.

Trash compactors typically generate maximum instantaneous noise levels of 70 to 75 dBA L_{max} at a distance of 50 feet. A trash compactor with a sound power level of 120 dB was modeled at the two nearest proposed locations (See Figures 9a, 9b, 10a and 10b). Unmitigated noise levels associated with Trash Compactor A (Figure 9a) may reach up to 59 dBA L_{max}. With construction of a ten-foot barrier at the top of the slope to the west as shown in Figure 9b, noise levels associated with the back up beeper are expected to reach up to 58 dBA L_{max} at the top of the slope to the west of the project site. Unmitigated noise levels associated with Trash Compactor B (Figure 10a) may reach up to 62 dBA L_{max}.

With construction of a ten-foot barrier at the top of the slope to the west as shown on Figure 10b, noise levels associated with the trash compactors are expected to reach up to 52 dBA L_{max} at the top of the slope to the west of the project site. Even without construction of the ten-foot barrier at the top of the slope west of the project site, trash compactor noise will not exceed the daytime noise standard of 75 dBA L_{max} or the nighttime maximum noise standard of 65 dBA L_{max} and is not expected to result in sleep disruption.

Unmitigated maximum noise events associated with the proposed loading dock areas (i.e., trailer un-hooking) could reach up to 73 dBA Lmax at 50 feet. A sound power level of 104 (SoundPLAN 2014) was used to model this noise event in SoundPLAN. As shown on Figure 11a, maximum noise events, without mitigation could reach up to 63 dBA L_{max} at the nearest sensitive receptor which would not exceed the daytime or the nighttime exterior maximum noise standards.

With construction of a ten-foot barrier at the top of the slope to the west as shown on Figure 11b, maximum noise levels associated with truck trailer hitching and unhitching are expected to reach up to 52 dBA L_{max} at the top of the slope to the west of the project site. Even without construction of the ten-foot barrier at the top of the slope west of the project site, maximum noise events associated with truck trailer hitching and unhitching will not exceed the daytime noise standard of 75 dBA L_{max} or the nighttime maximum noise standard of 65 dBA L_{max} and is not expected to result in sleep disruption.

3. Noise Impacts to Off-Site Receptors Due to Project Generated Traffic

A worst-case project generated traffic noise level was modeled utilizing the FHWA Traffic Noise Prediction Model - FHWA-RD-77-108. Traffic noise levels were calculated 50 feet from the centerline of the analyzed roadway. The modeling is theoretical and does not take into account any existing barriers, structures, and/or topographical features that may further reduce noise levels. Therefore, the levels are shown for comparative purposes only to show the difference in with and without project conditions. In addition, the noise contours for 60, 65 and 70 dBA CNEL were calculated. Roadway input parameters including average daily traffic volumes, speeds, and vehicle distribution data is shown in Table 6. The potential off-site noise impacts caused by an increase of traffic from operation of the proposed project on the nearby roadways were calculated for the following scenarios:

Existing Year (without Project): This scenario refers to existing year traffic noise conditions and is demonstrated in Table 7.

Existing Year (Plus Project): This scenario refers to existing year traffic noise conditions and is demonstrated in Table 8.

Table 9 compares the without and with project scenario and shows the change in traffic noise levels as a result of the proposed project. It takes a change of 3 dB or more to hear an audible difference. As demonstrated in Table 9, the project is anticipated to change the noise a nominal amount (approximately 0.05 to 0.67 dBA CNEL) at all

affected roadway segments except along Dan Kipper Drive and Sierra Ridge Drive. Noise is expected to increase 7.24 dBA CNEL along Dan Kipper Drive and 2.75 CNEL along Sierra Ridge Drive. Although there is a substantial increase along these two roadways, the noise levels would still be far below the 65 dBA CNEL standard as indicated in Table 9. In addition, none of the evaluated roadway segments were found to exceed the 65 dBA CNEL standard with the addition of the proposed project.

Project impacts in light of future conditions were also evaluated. As shown in Table 10, the project is anticipated to change future traffic noise between 0.04 to 2.56 dBA CNEL at the affected roadway segments. In addition, one of the evaluated roadway segments, Sycamore Canyon Boulevard from Fair Isle Drive to the I-215 Freeway Southbound Ramps, would exceed standards. However, as shown in Table 10, the roadway segment is anticipated to exceed standards even without the addition of the proposed project. None of the roadway segments would have substantial increases. Therefore, the change in noise level would be considered less than significant. Traffic noise calculation outputs are included in Appendix E.

Residential dwelling units located along Sycamore Canyon Boulevard are located approximately 80 feet from the centerline within the 60 dBA CNEL contour and would not be exposed to traffic noise levels exceeding 65 dBA CNEL. In addition, the residential dwelling units located approximately 378 feet north of the centerline of Dan Kipper Drive would be well within the 60 dBA contour. The impact would be below the City's 65 dBA CNEL exterior threshold and would therefore be less than significant. No additional mitigation is required.

B. <u>Vibration Impacts</u>

This impact discussion analyzes the potential for the proposed project to cause an exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels. Vibration levels in the project area may be influenced by construction. A vibration impact would generally be considered significant if it involves any construction-related or operations-related impacts in excess of 0.2 +inches per second (in/sec) PPV.

1. <u>Construction Vibration</u>

Construction activity can result in varying degrees of ground vibration, depending on the equipment used on the site. Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Buildings respond to these vibrations with varying results ranging from no perceptible effects at the low levels to slight damage at the highest levels. Table 1 gives approximate vibration levels for particular construction activities. This data provides a reasonable estimate for a wide range of soil conditions.

The City prohibits any uses that generate a discernible vibration impact beyond the property line. The nearest existing residential dwelling unit to the project site is located approximately 25 feet to the north of the project site. Due to the proximity of adjacent single-family detached residential dwelling units, project construction activities may result in groundborne vibration that is annoying but would be limited to activities

within 100 feet of sensitive receptors and would only occur during site grading and preparation activities.

As shown in Table 2, the threshold at which there may be a risk of architectural damage to normal houses with plastered walls and ceilings is 0.20 PPV in/second. Primary sources of vibration during construction would be from bulldozers and vibratory rollers. As shown in Table 1, a vibratory roller could produce a PPV of 0.21 inch per second at 25 feet and a large bulldozer could produce up to 0.089 PPV at 25 feet.

Use of vibratory equipment within 25 feet of adjacent residential dwelling units and improvements could result in structural damage. Caution should be utilized if large equipment is utilized within 10 feet of property line. Mitigation measures to reduce potential impacts to residential dwelling units are presented in Section VII of this report. Annoyance related impacts would be short-term and would only occur during site grading and preparation activities.

Table 5

Typical Construction Equipment Noise Levels[1]

Type of Equipment	Suggested Maximum Sound Levels-Spec 721.560 Lmax (dBA at 50 feet)	Acoustical Use Factor (%)
Rock Drills	85	20
Jack Hammers	85	20
Pneumatic Tools	85	50
Pumps	77	50
Dozers	85	40
Scrapers	85	40
Haul Trucks	88	40
Cranes	85	16
Generators	82	50
Rollers	85	20
Tractors	84	40
Front-End Loaders	80	40
Excavators	85	40
Graders	85	40
Air Compressors	80	40
Flat Bed Trucks	84	40
Water Truck (Dump Truck)	84	40

[1] Source: U.S. Department of Transportation FHWA Roadway Construction Noise Model User's Guide, January 2006.

Table 6

Project Average Daily Traffic Volumes and Roadway Parameters

Roadway	Segment	Average Daily Traffic Volume		Posted Travel Speeds (MPH)
		Existing	Existing Plus Project	
Fair Isle Drive- Box Springs Road	Sycamore Canyon Boulevard to I-215 NB Ramps	12,690	12,824	35
Sycamore Canyon Boulevard	Fair Isle Drive to I-215 SB Ramps	15,155	15,513	45
	I-215 SB Ramps to Dan Kipper Drive	13,390	13,808	45
	Dan Kipper Drive to Box Springs Boulevard	12,925	13,171	45
	Box Springs Boulevard to Sierra Ridge Drive	9,940	10,186	45
	Sierra Ridge Drive to Eastridge Avenue	11,220	13,212	45
Eastridge Avenue	Sycamore Canyon Boulevard to Box Springs Boulevard	13,080	14,634	40
	Box Springs Boulevard to I-215 Ramps	15,030	16,584	40
Dan Kipper Drive	West of Sycamore Canyon Boulevard	40	212	25
Sierra Ridge Drive	West of Sycamore Canyon Boulevard	2,530	4,768	25

[1] Average daily traffic volumes obtained from the Sycamore Canyon Industrial Buildings 1 & 2 Traffic Impact Analysis, Albert A. Webb Associates (Revised May 2016). The average daily traffic volumes did not change from previous version of the Traffic Analysis (November 2015).

Table 7

Existing (Without Project) Exterior Noise Levels Along Roadways (dBA CNEL)[1]

Roadway	Segment	CNEL at 50 feet (dBA)	Distance to Contour (feet)		
			70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
Fair Isle Drive- Box Springs Road	Sycamore Canyon Boulevard to I-215 NB Ramps	60.52	6	18	56
Sycamore Canyon Boulevard	Fair Isle Drive to I-215 SB Ramps	64.53	14	45	142
	I-215 SB Ramps to Dan Kipper Drive	64.00	13	40	125
	Dan Kipper Drive to Box Springs Boulevard	63.84	12	38	121
	Box Springs Boulevard to Sierra Ridge Drive	62.70	9	29	93
	Sierra Ridge Drive to Eastridge Avenue	63.23	11	33	105
Eastridge Avenue	Sycamore Canyon Boulevard to Box Springs Boulevard	62.57	9	29	90
	Box Springs Boulevard to I-215 Ramps	63.17	10	33	104
Dan Kipper Drive	West of Sycamore Canyon Boulevard	39.95	n/a	n/a	1
Sierra Ridge Drive	West of Sycamore Canyon Boulevard	57.96	3	10	31

[1] Exterior noise levels calculated 5 feet above pad elevation, perpendicular to subject roadway.

Table 8

Existing Plus Project Exterior Noise Levels Along Roadways (dBA CNEL)[1]

Roadway	Segment	CNEL at 50 feet (dBA)	Distance to Contour (feet)		
			70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
Fair Isle Drive- Box Springs Road	Sycamore Canyon Boulevard to I-215 NB Ramps	60.57	6	18	57
Sycamore Canyon Boulevard	Fair Isle Drive to I-215 SB Ramps	64.63	15	46	145
	I-215 SB Ramps to Dan Kipper Drive	64.12	13	41	129
	Dan Kipper Drive to Box Springs Boulevard	63.92	12	39	123
	Box Springs Boulevard to Sierra Ridge Drive	62.80	10	30	95
	Sierra Ridge Drive to Eastridge Avenue	63.90	12	39	123
Eastridge Avenue	Sycamore Canyon Boulevard to Box Springs Boulevard	63.02	10	32	100
	Box Springs Boulevard to I-215 Ramps	63.57	11	36	114
Dan Kipper Drive	West of Sycamore Canyon Boulevard	47.19	n/a	1	2
Sierra Ridge Drive	West of Sycamore Canyon Boulevard	60.71	6	19	59

[1] Exterior noise levels calculated 5 feet above pad elevation, perpendicular to subject roadway.

Table 9

Change in Existing Noise Levels Along Roadways as a Result of Project (dBA CNEL)[1]

Roadway	Segment	CNEL at 50 Feet dBA				
		Existing Without Project	Existing Plus Project	Change in Noise Level	Exceeds Standards	Substantial Increase
Fair Isle Drive- Box Springs Road	Sycamore Canyon Boulevard to I-215 NB Ramps	60.52	60.57	0.05	No	No
Sycamore Canyon Boulevard	Fair Isle Drive to I-215 SB Ramps	64.53	64.63	0.10	No	No
	I-215 SB Ramps to Dan Kipper Drive	64.00	64.12	0.12	No	No
	Dan Kipper Drive to Box Springs Boulevard	63.84	63.92	0.08	No	No
	Box Springs Boulevard to Sierra Ridge Drive	62.70	62.80	0.10	No	No
	Sierra Ridge Drive to Eastridge Avenue	63.23	63.90	0.67	No	No
Eastridge Avenue	Sycamore Canyon Boulevard to Box Springs Boulevard	62.57	63.02	0.45	No	No
	Box Springs Boulevard to I-215 Ramps	63.17	63.57	0.40	No	No
Dan Kipper Drive	West of Sycamore Canyon Boulevard	39.95	47.19	7.24	No	Yes
Sierra Ridge Drive	West of Sycamore Canyon Boulevard	57.96	60.71	2.75	No	No

[1] Exterior noise levels calculated 5 feet above pad elevation, perpendicular to subject roadway.

Table 10

Change in Future Noise Levels Along Roadways as a Result of Project (dBA CNEL)[1]

Roadway	Segment	CNEL at 50 Feet dBA				
		Existing Plus Ambient Growth Plus Cumulative (2018)	Existing Plus Ambient Growth Plus Cumulative Plus Project (2018)	Change in Noise Level	Exceeds Standards	Substantial Increase
Fair Isle Drive- Box Springs Road	Sycamore Canyon Boulevard to I-215 NB Ramps	61.25	61.29	0.04	No	No
Sycamore Canyon Boulevard	Fair Isle Drive to I-215 SB Ramps	65.16	65.25	0.09	Yes	No
	I-215 SB Ramps to Dan Kipper Drive	64.72	64.83	0.11	No	No
	Dan Kipper Drive to Box Springs Boulevard	64.61	64.68	0.07	No	No
	Box Springs Boulevard to Sierra Ridge Drive	63.60	63.69	0.09	No	No
	Sierra Ridge Drive to Eastridge Avenue	64.05	64.65	0.60	No	No
Eastridge Avenue	Sycamore Canyon Boulevard to Box Springs Boulevard	63.24	63.66	0.42	No	No
	Box Springs Boulevard to I-215 Ramps	64.11	64.46	0.35	No	No
Dan Kipper Drive	West of Sycamore Canyon Boulevard	51.27	52.47	1.20	No	No
Sierra Ridge Drive	West of Sycamore Canyon Boulevard	58.37	60.93	2.56	No	No

[1] Exterior noise levels calculated 5 feet above pad elevation, perpendicular to subject roadway.

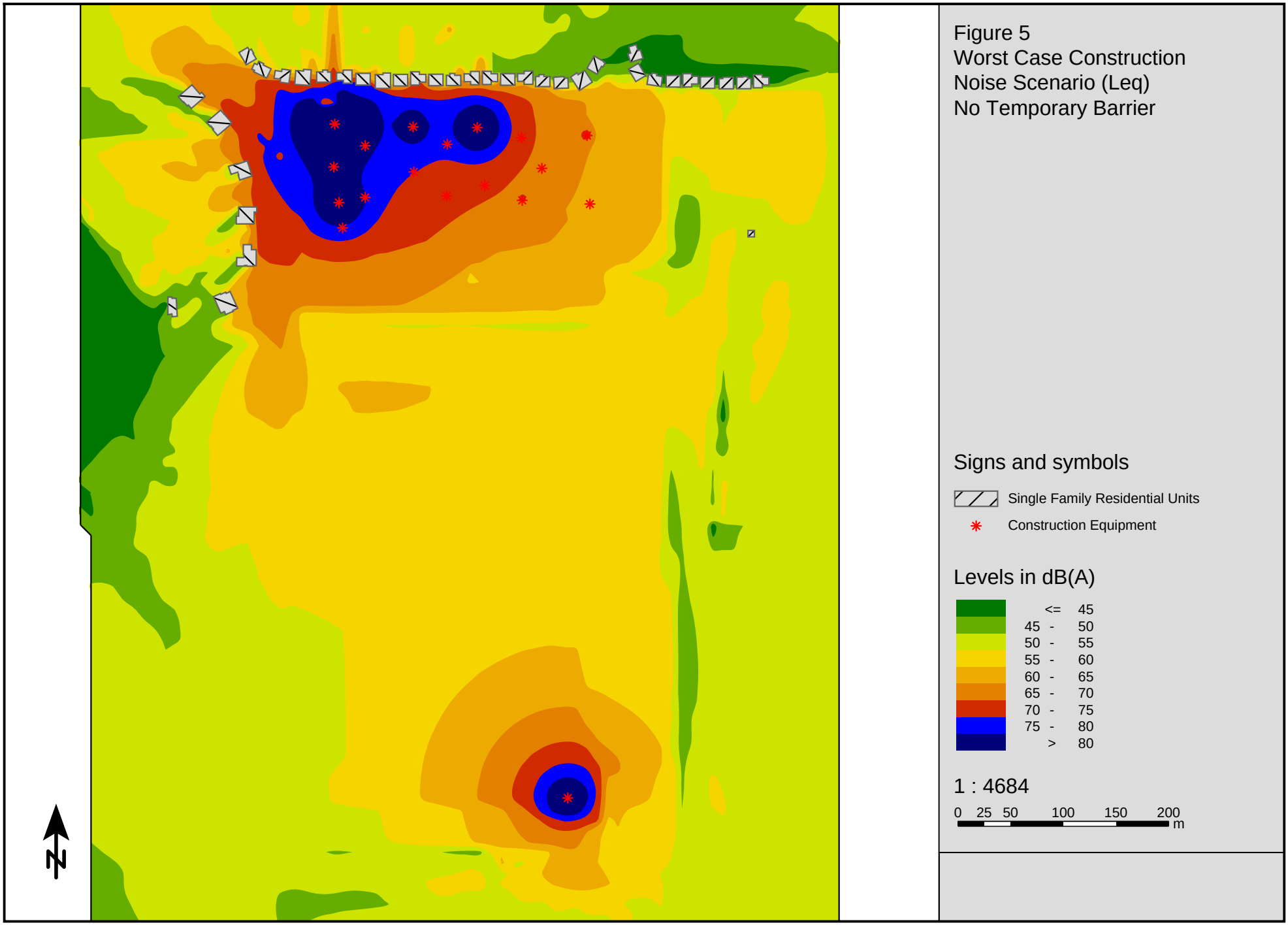

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Figure 5
Worst Case Construction
Noise Scenario (Leq)
No Temporary Barrier
Signs and symbols
Single Family Residential Units
Construction Equipment
Levels in dB(A)
<= 45
45 - 50
50 - 55
55 - 60
60 - 65
65 - 70
70 - 75
75 - 80
> 80
1 : 4684
0 25 50 100 150 200
m

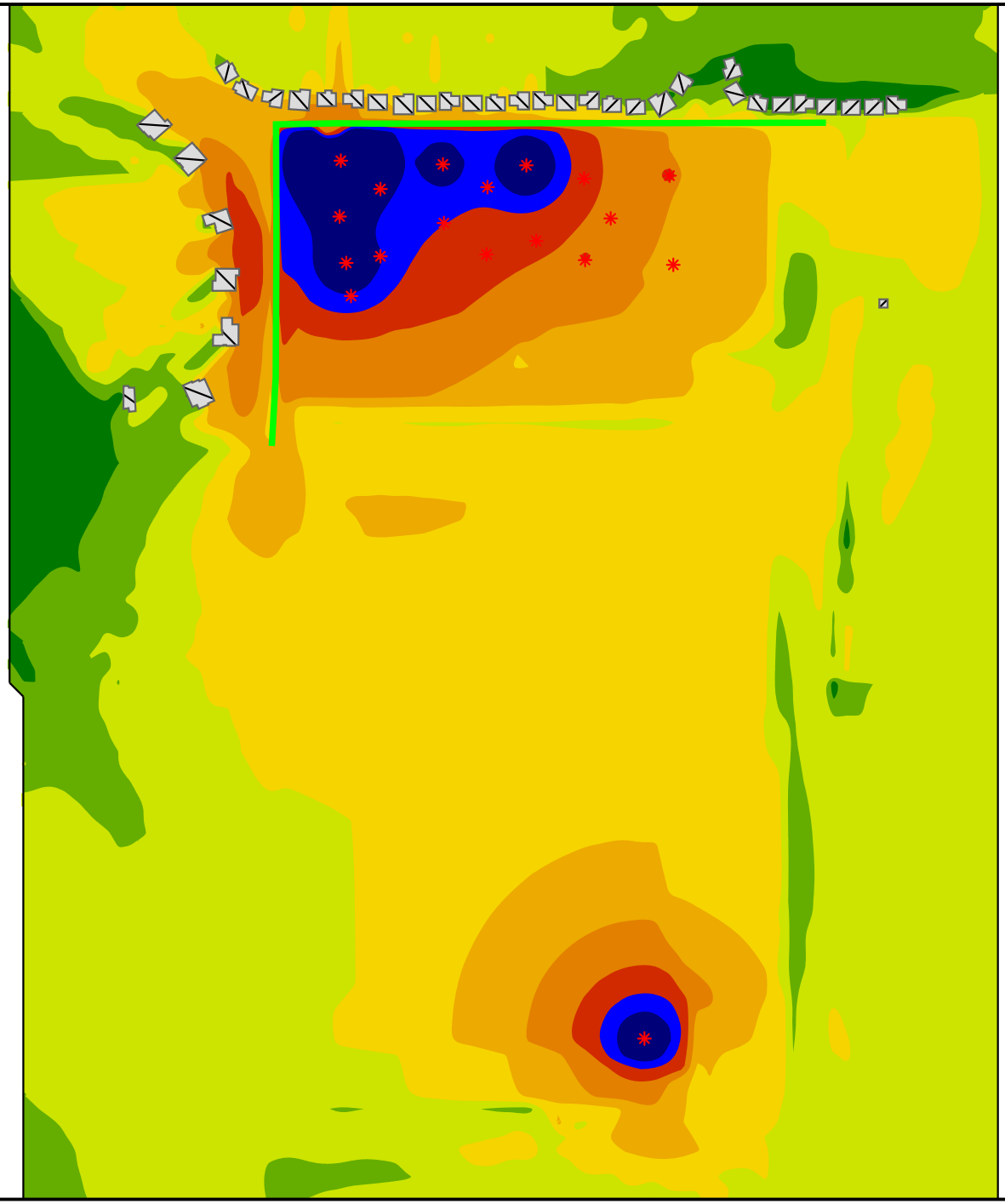

Figure 6
Worst Case Construction
Noise Scenario (Leq)
with 12 ft Barrier

Signs and symbols

Temporary Barrier at top of slope

Single Family Residential Units

Construction Equipment

Levels in dB(A)

<=	45
45 -	50
50 -	55
55 -	60
60 -	65
65 -	70
70 -	75
75 -	80
>	80

1 : 4684

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

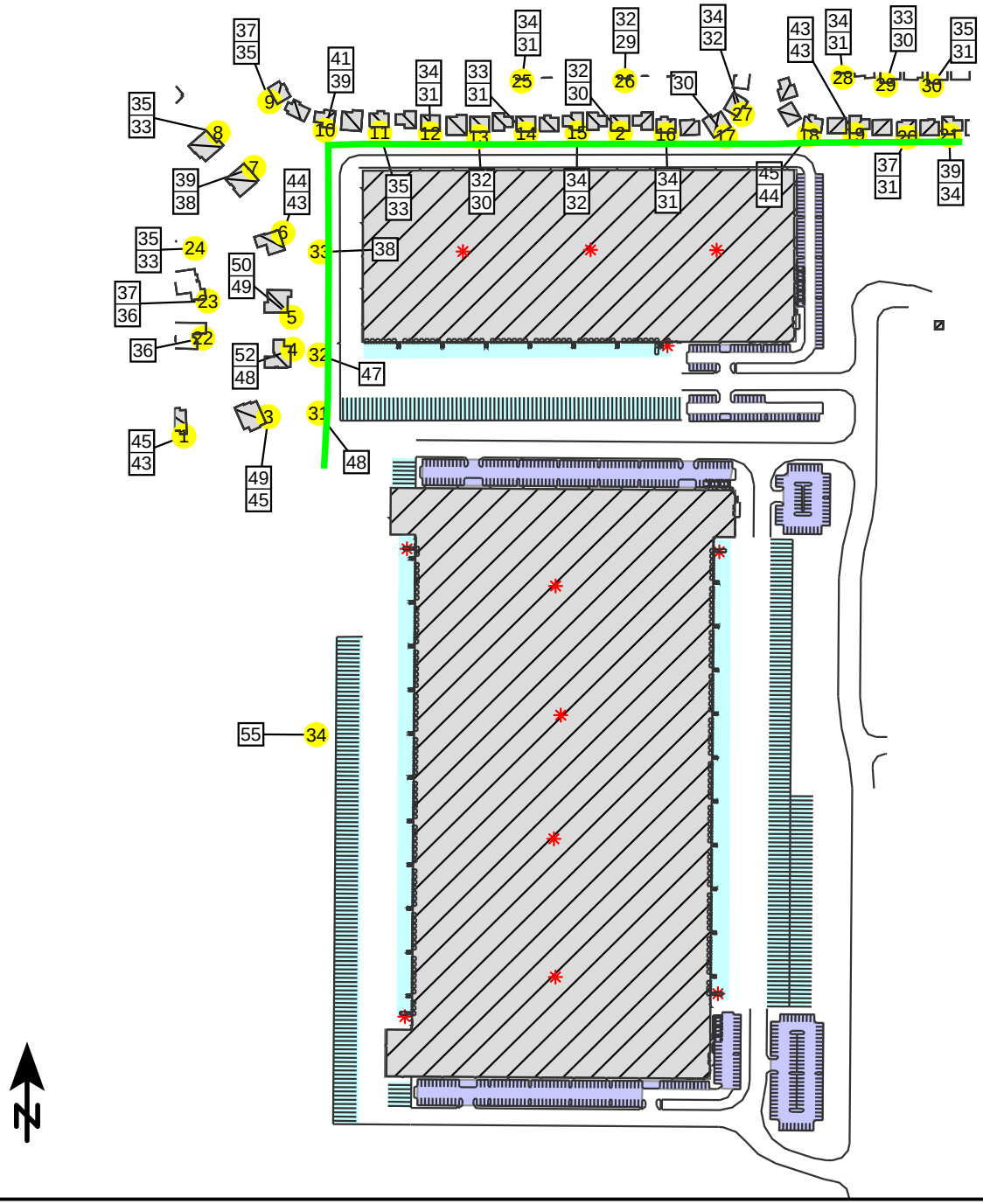

Figure 7a
Operational Noise Levels (Leq)
No Mitigation

Signs and symbols

- Perimeter Wall
- Receiver
- HVAC & Trash Compactors
- Dock Doors and Trailer Parking
- Parking Lots - Peak Hour Traffic

Level tables

- Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

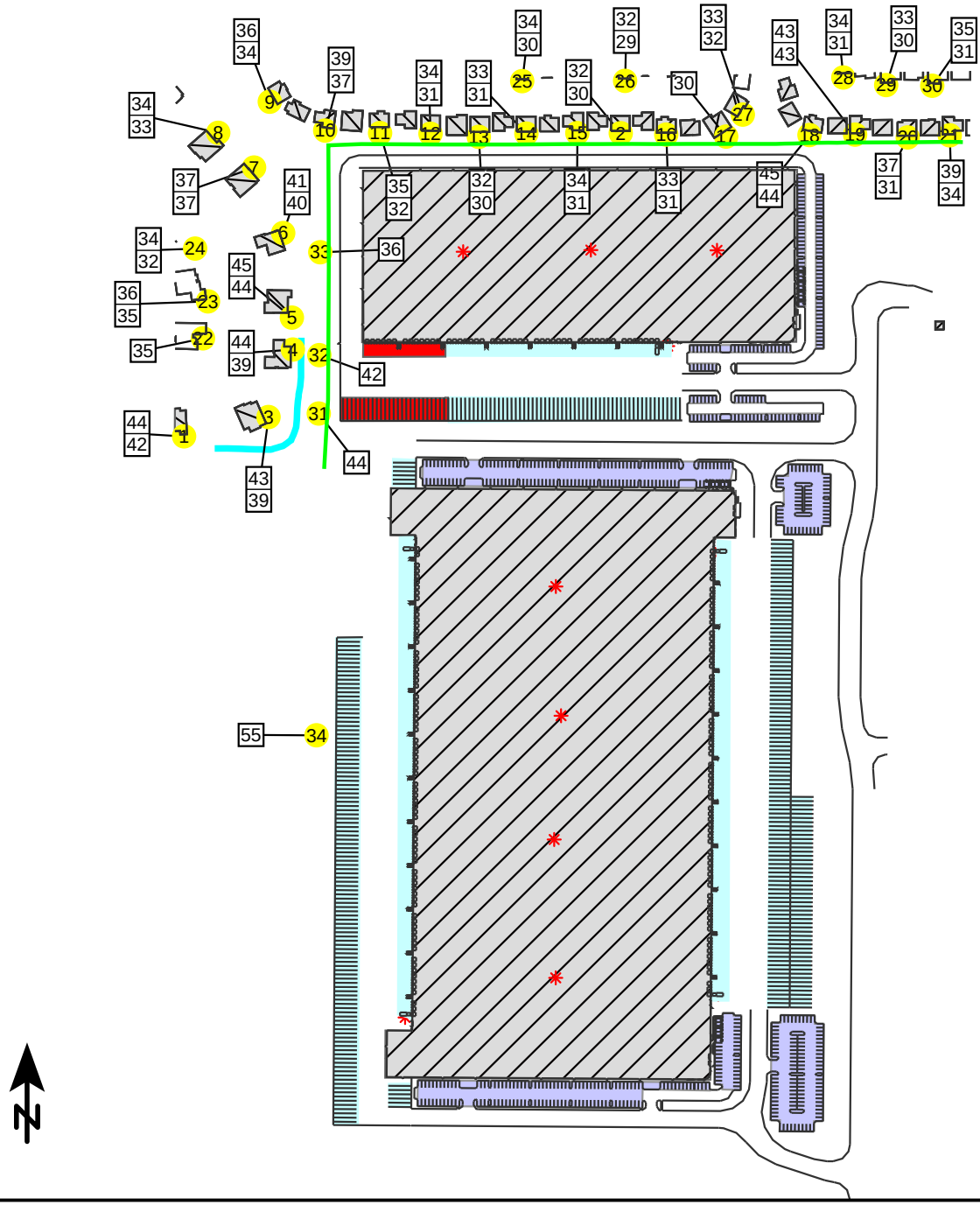

Figure 7b
Operational Noise Levels (Leq) With Mitigation

Use Restriction of Western Loading Areas Between 10:00 PM - 7:00 AM

Signs and symbols

- 10-Foot Barrier Top of Slope to the West
- 8-Foot Barrier Western Property Line
- Restricted Area
- Receiver
- HVAC & Trash Compactors
- Dock Doors and Trailer Parking
- Parking Lots - Peak Hour Traffic

Level tables

- Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

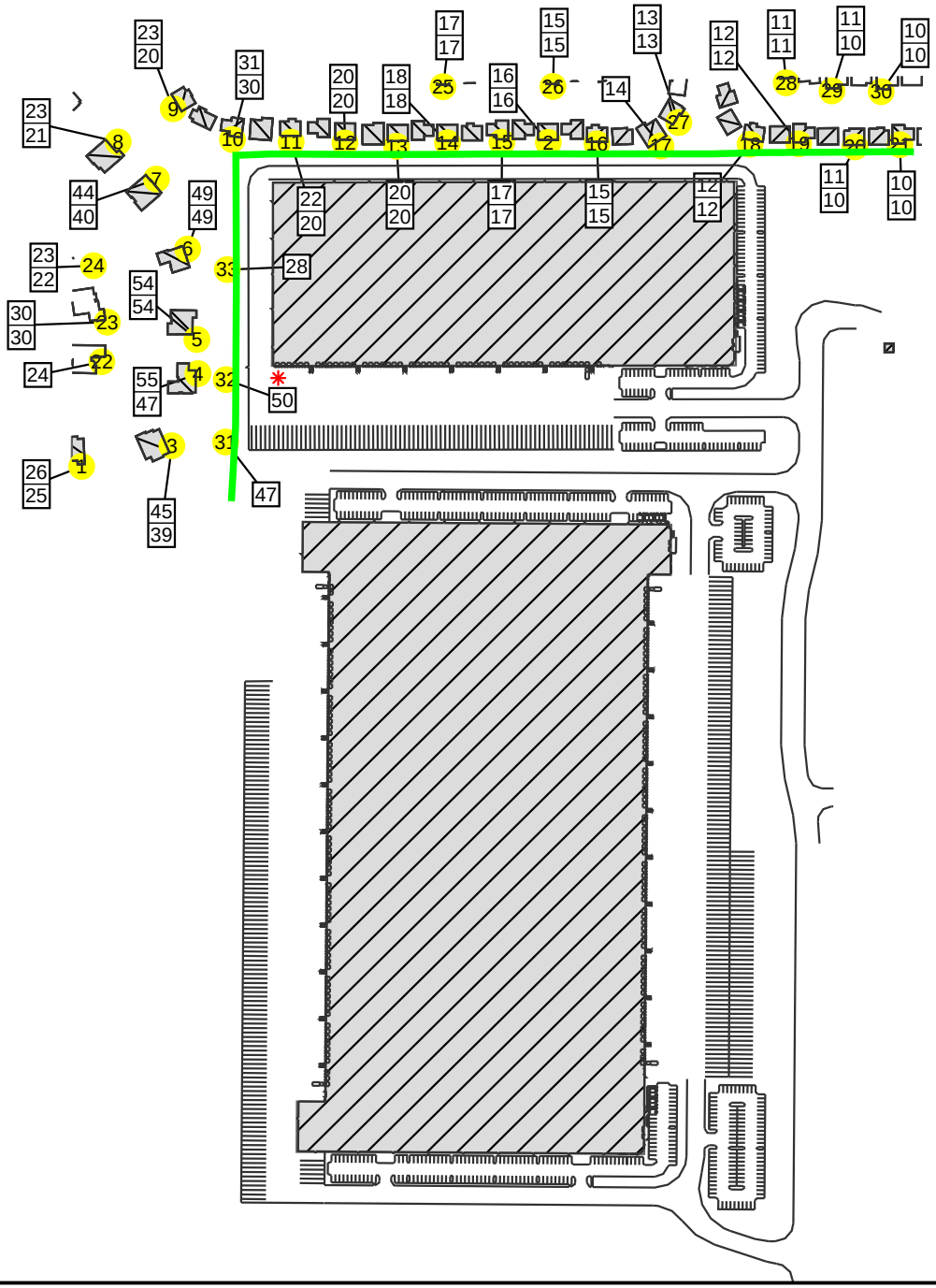

Figure 8a
Operational Noise Levels (Lmax)
No Mitigation

Back up Beeper

Signs and symbols

8-Foot Barrier
Western Property Line

Receiver

Back Up Beeper

Level tables

Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

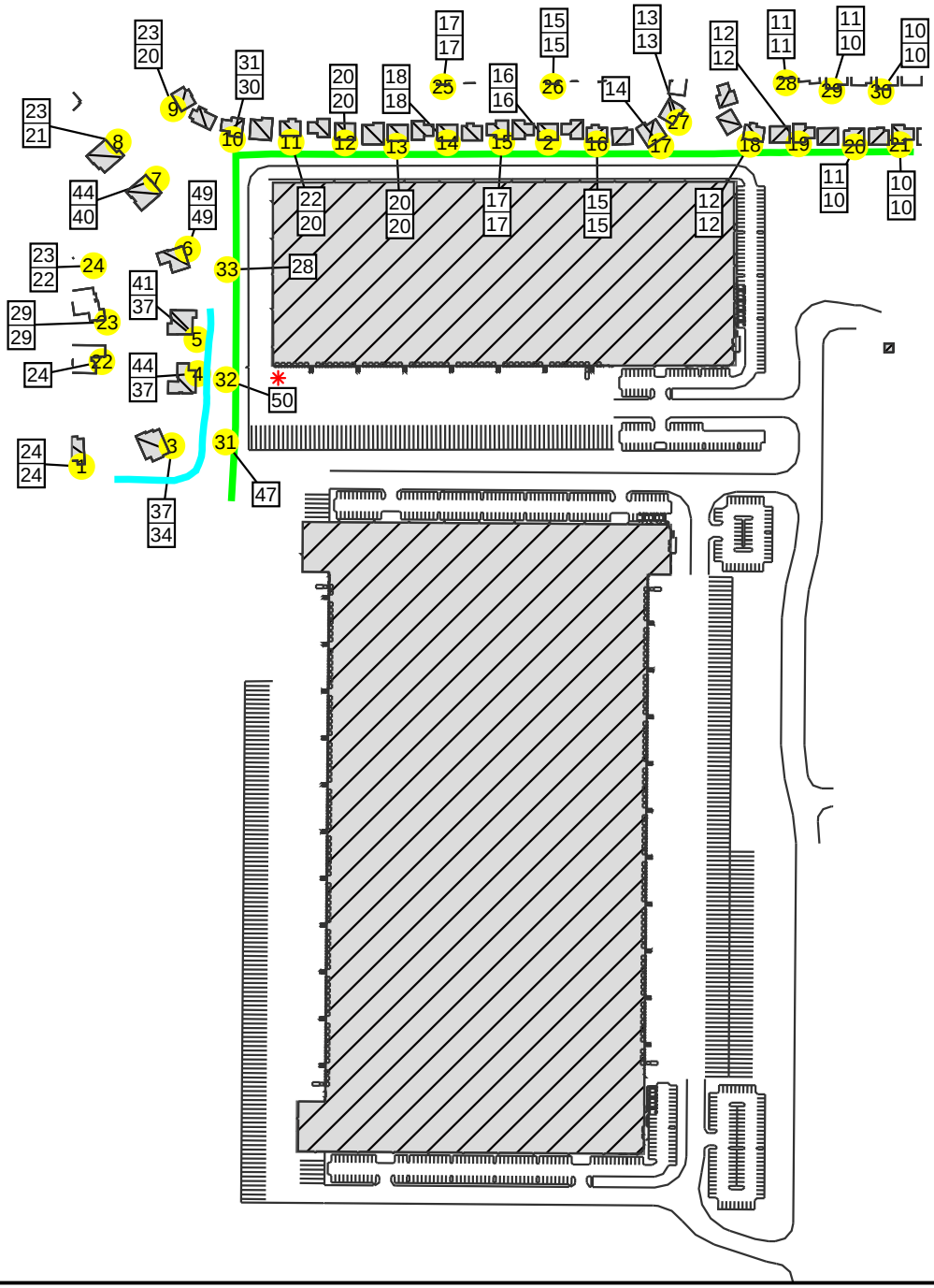

Figure 8b
Operational Noise Levels (Lmax)
With Mitigation

Back Up Beeper

Signs and symbols

8-Foot Barrier
Along Property LIne

10-Foot Barrier
Western Property Line

Receiver

Back Up Beeper

Level tables

Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

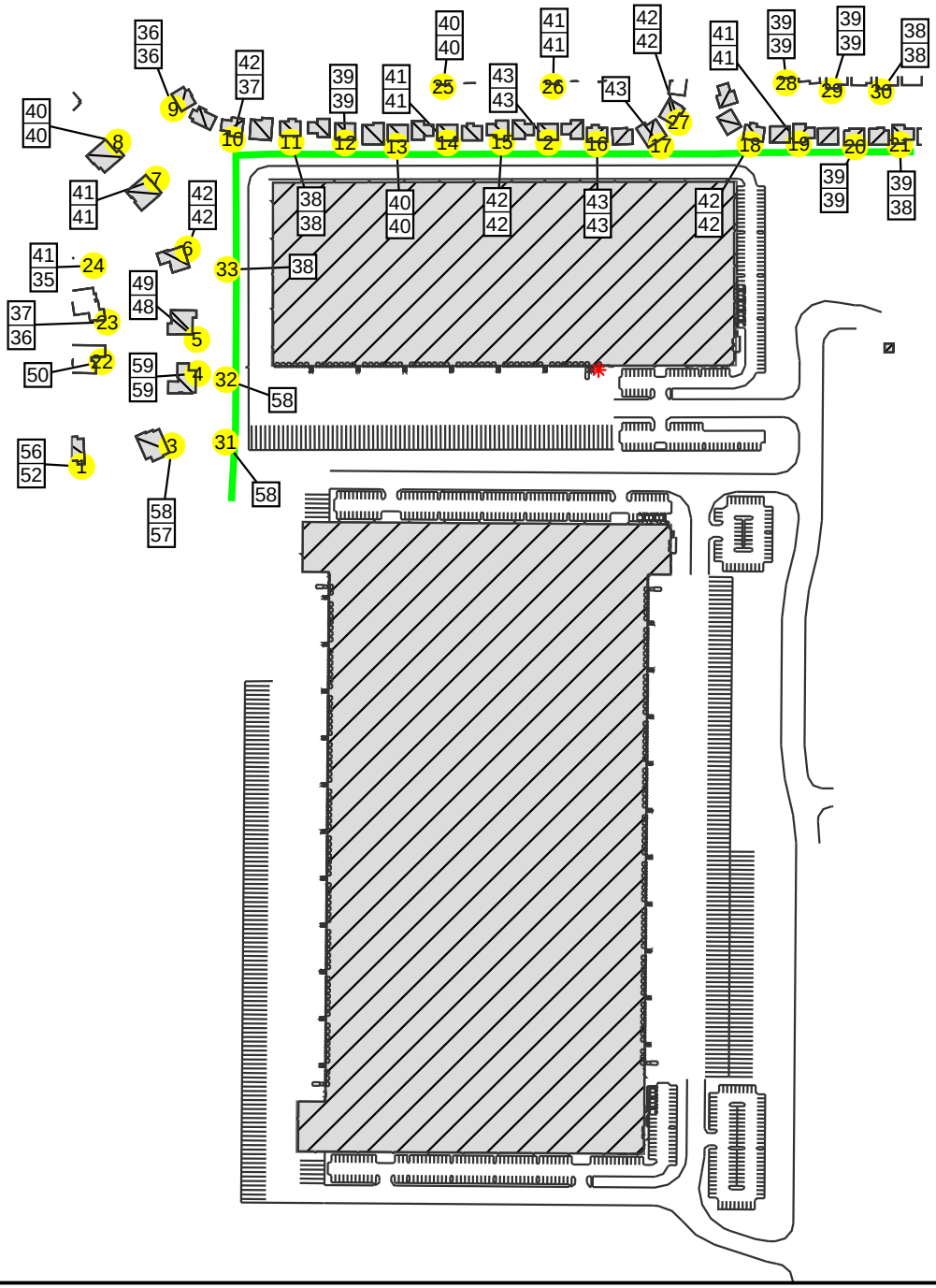

Figure 9a
Operational Noise Levels (Lmax)
No Mitigation

Trash Compactor A

Signs and symbols

8-Foot Barrier
Along Property LIne

Receiver

Loading/Unloading Point Source

Level tables

Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

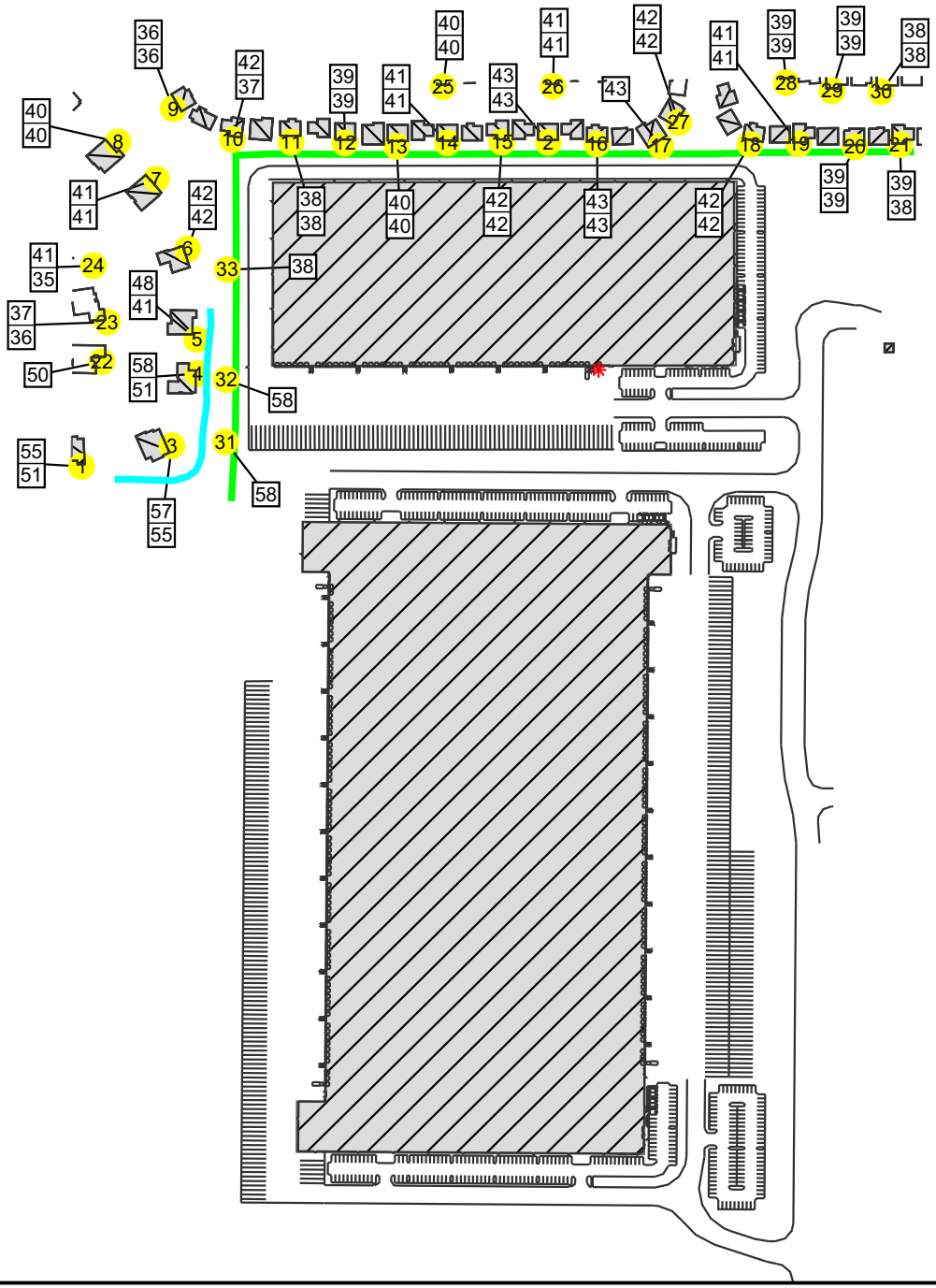

Figure 9b
Operational Noise Levels (Lmax)
With Mitigation

Trash Compactor A

Signs and symbols

8-Foot Barrier
Along Property LIne

10-Foot Barrier
Top of Slope to the West

Receiver

Loading/Unloading Point Source

Level tables

Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

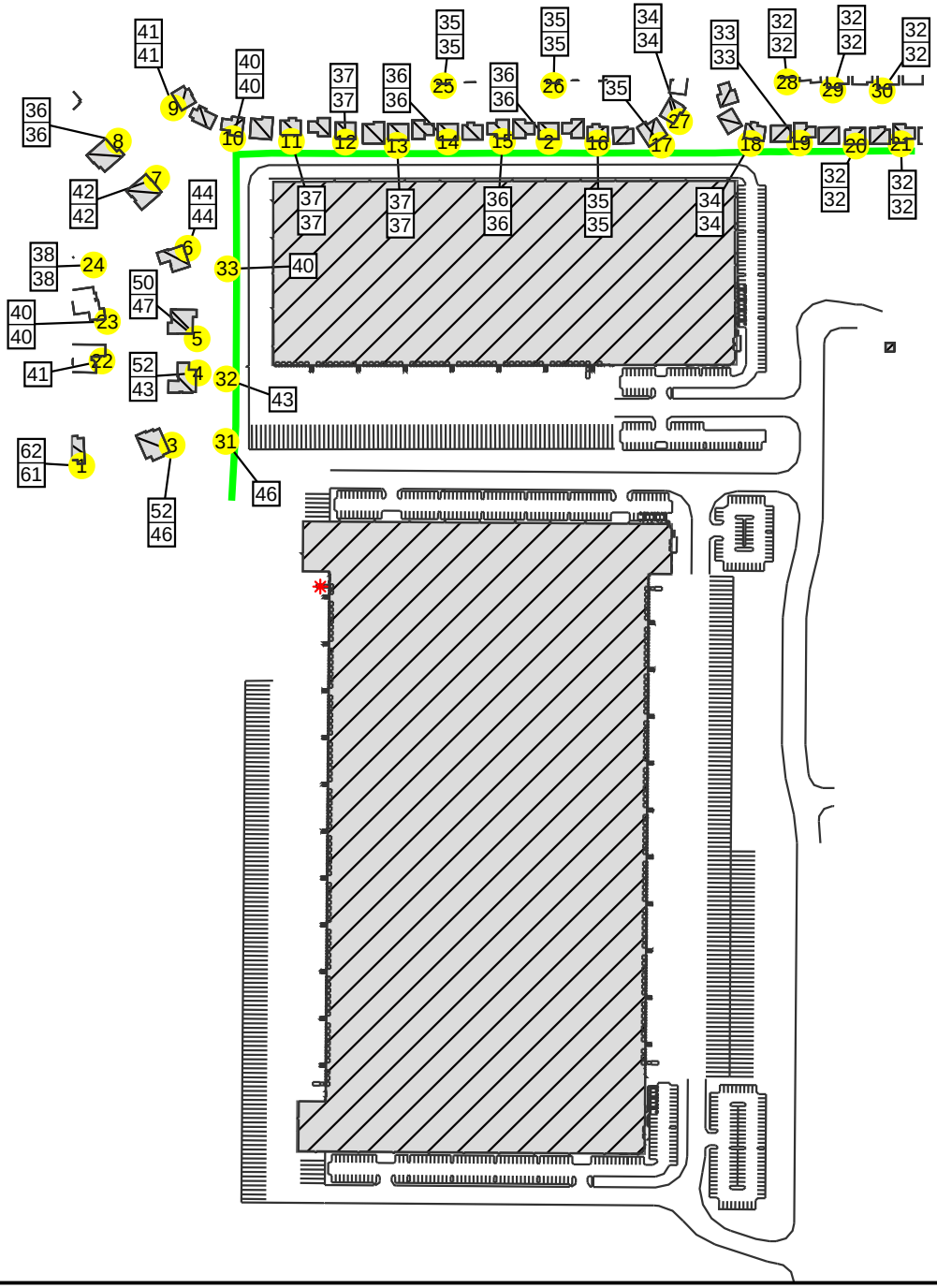

Figure 10a
Operational Noise Levels (Lmax)
No Mitigation

Trash Compactor B

Signs and symbols

8-Foot Barrier
Along Property LIne

Receiver

Loading/Unloading Point Source

Level tables

Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

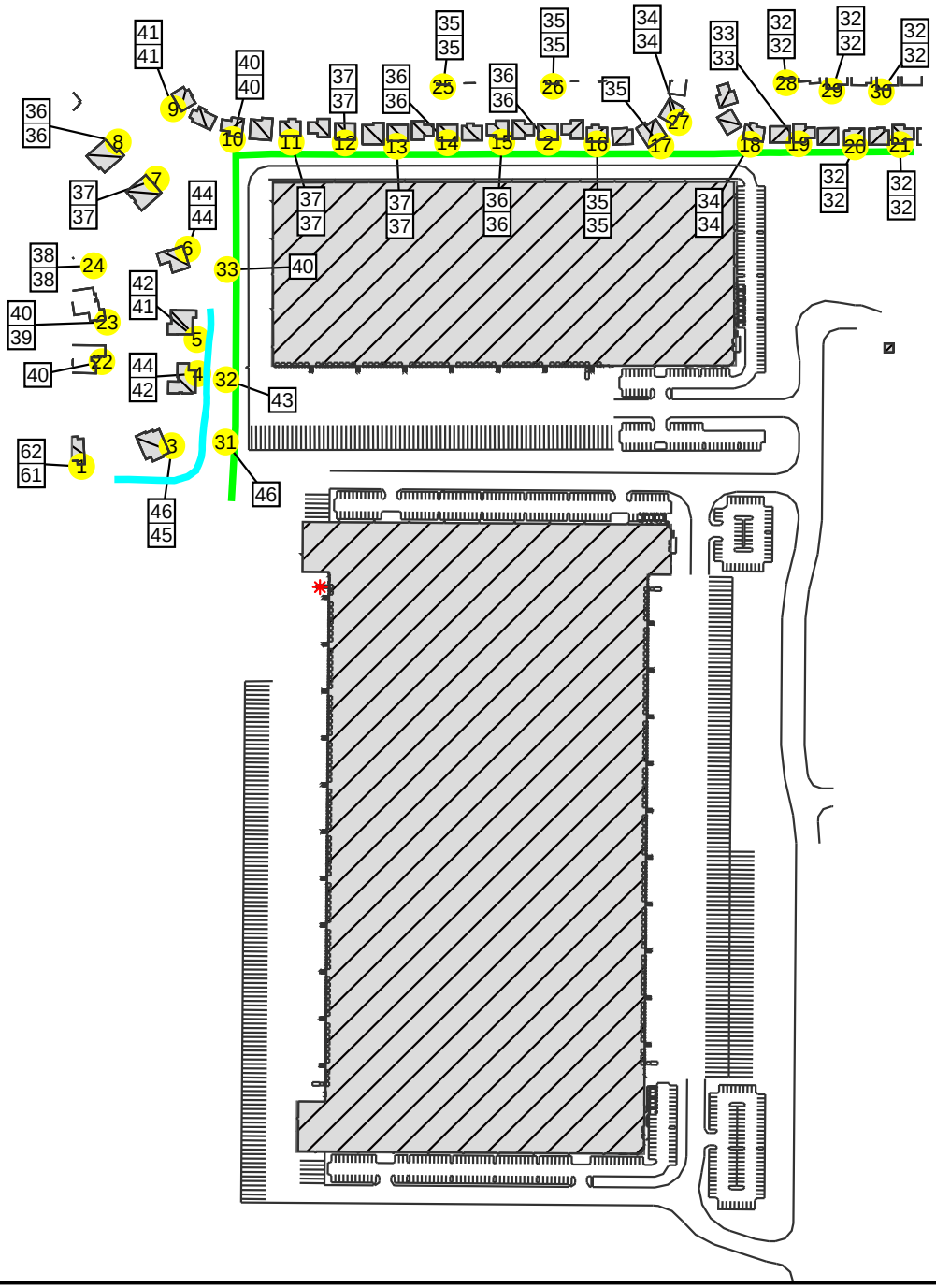

Figure 10b
Operational Noise Levels (Lmax)
With Mitigation

Trash Compactor B

Signs and symbols

- 8-Foot Barrier Along Property LIne
- 10-Foot Barrier Top of Slope to the West
- Receiver
- Loading/Unloading Point Source

Level tables

- Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

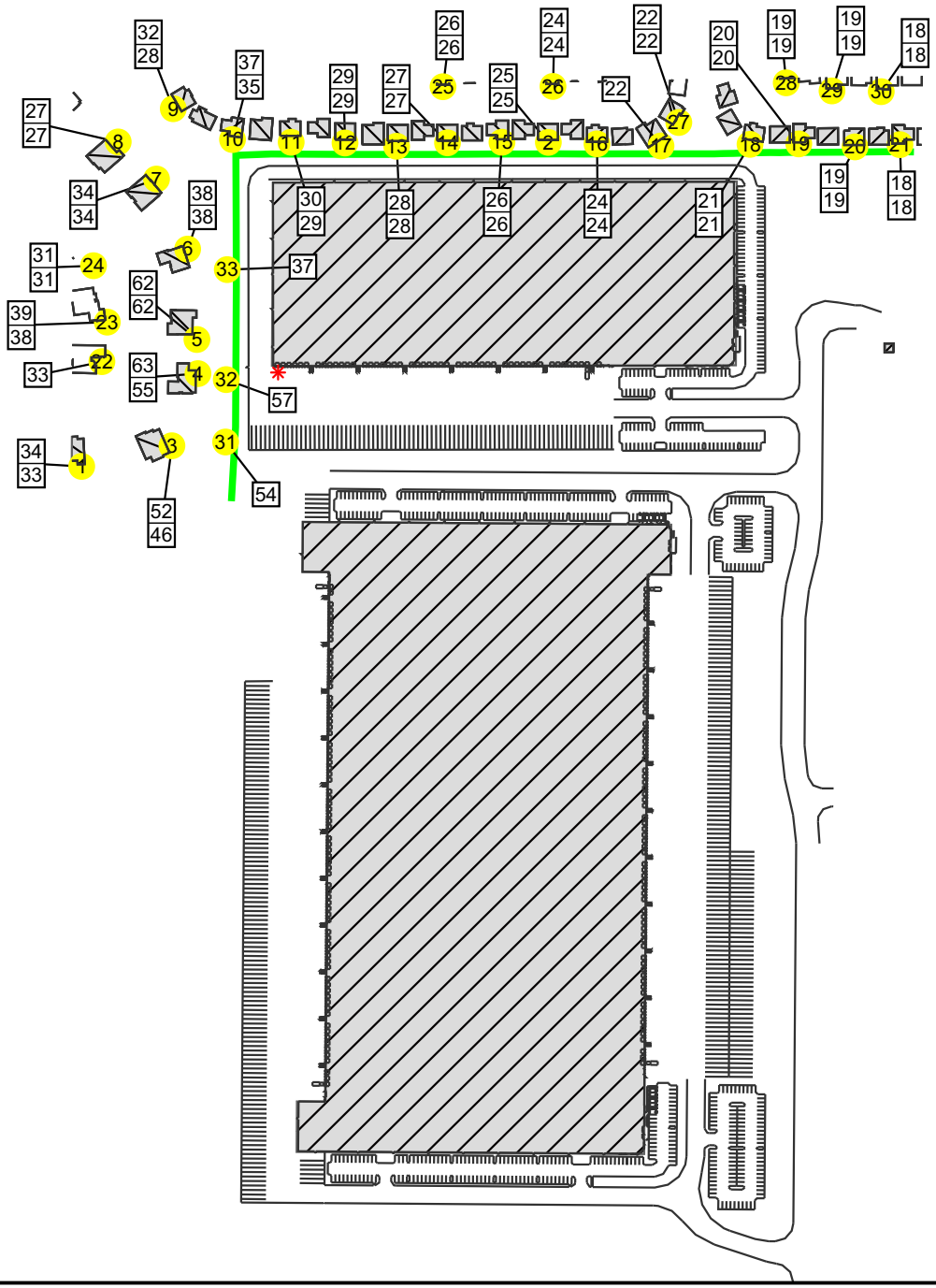

Figure 11a
Operational Noise Levels (Lmax)
No Mitigation

Trailer Hitching and Unhitching

Signs and symbols

8-Foot Barrier
Along Property LIne

Receiver

Loading/Unloading Point Source

Level tables

Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

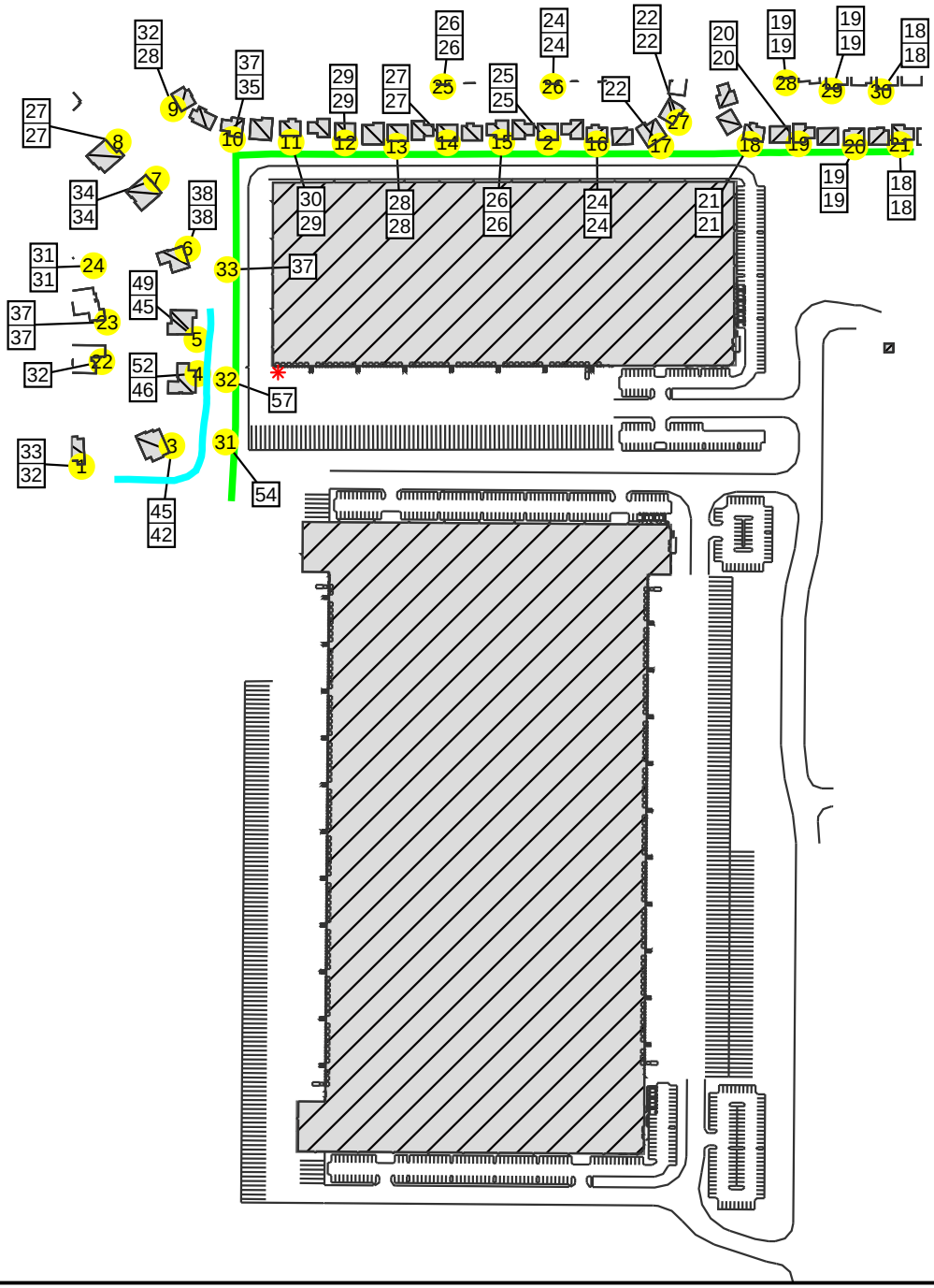

Figure 11b
Operational Noise Levels (Lmax)
With Mitigation

Trailer Hitching and Unhitching

Signs and symbols

8-Foot Barrier
Along Property LIne

10-Foot Barrier
Top of Slope to the West

Receiver

Loading/Unloading Point Source

Level tables

Noise Levels (Leq) 1st Fl and 2nd Fl

1 : 4786

0 25 50 100 150 200 m

KUNZMAN ASSOCIATES, INC.
OVER 40 YEARS OF EXCELLENT SERVICE

VI. MEASURES TO REDUCE IMPACTS

A. Construction Mitigation Measures

In addition to adherence to the City of Riverside and policies found in the Noise Element and Municipal Code limiting the construction hours of operation, the following measures are recommended to reduce construction noise and vibrations, emanating from the proposed project:

1. Install a 12-foot temporary noise barrier at the top of slope along the northern property boundary. The barrier shall be continuous without openings, holes or cracks, and shall reach the ground. The barrier may be constructed with 1-inch plywood and provide a transmission loss of at least 23 dBA to ensure noise levels do not exceed 75 dBA at the single-family detached residential dwelling units located near the proposed project. Other materials providing the same transmission loss shall also be permitted.

2. Heavy grade rubber mats/pad will be used within the bed of the trucks. These mats will help attenuate initial impact noise generated when an excavator drops rock and debris into the bed of the truck. These mats must be maintained and/or replaced as necessary.

3. During all project site excavation and grading on-site, construction contractors shall equip all construction equipment, fixed or mobile, with properly operating and maintained mufflers, consistent with manufacturer standards.

4. The contractor shall place all stationary construction equipment so that emitted noise is directed away from the noise sensitive receptors nearest the project site.

5. Equipment shall be shut off and not left to idle when not in use.

6. The contractor shall locate equipment staging in areas that will create the greatest distance between construction-related noise/vibration sources and sensitive receptors nearest the project site during all project construction.

7. The project proponent shall mandate that the construction contractor prohibit the use of music or sound amplification on the project site during construction.

8. The construction contractor shall limit haul truck deliveries to the same hours specified for construction equipment.

9. Limit the use of heavy equipment or vibratory rollers and soil compressors along the project boundaries to the greatest degree possible. It is acknowledged that some soil compression may be necessary along the project boundaries.

10. Any jackhammers, pneumatic equipment and all other portable stationary noise sources shall be shielded and noise shall be directed away from sensitive receptors.

11. For the duration of construction activities, the construction manager shall serve as the contact person should noise levels become disruptive to local residents. A sign should be posted at the project site with the contact phone number.

B. <u>Operational Mitigation Measures</u>

Back-Up Alarms

1. Either ambient-sensitive self-adjusting back-up alarms or manually adjustable alarms shall be used on all site equipment that requires a back-up alarm. Ambient-sensitive self-adjusting back-up alarms increase or decrease their volume based on background noise levels. The alarm self-adjusts to produce a tone that is readily noticeable over ambient noise levels (a minimum increment of 5 decibels is typically considered readily noticeable), but not so loud as to be a constant annoyance to neighbors. Close attention must be given to the alarm's mounting location on the machine in order to minimize engine noise interference, which can be sensed by the alarm as the ambient noise level. These alarms should be mounted as far to the rear of the machine as possible. An alarm mounted directly behind a machine's radiator will sense the cooling fan's noise and adjust accordingly. Manually-adjustable alarms are effective in reducing back-up alarm noise nuisance but their use requires that each alarm be set at the beginning of each day and night shift. The manual setting feature eliminates the machine mounting location problem of the ambient-sensitive self-adjusting back-up alarms. Alternatively, back-up movements can be supervised with a guide and flagging system.

Truck Access

1. No trucks shall use the northern access road or regular sized vehicle sized parking areas for site access, for parking, queuing, or for idling.

2. A use restriction between the hours of 10:00 PM to 7:00 AM shall be implemented for should be implemented for the loading area and trailer parking located just south of Building 2 and within 360 feet of the western property line, as shown on Figure 7b.

Noise Barrier

1. The project proponent shall construct a barrier ten-feet in height above each of the residential pad heights located at the top of slope west of the project site as shown on Figure 7b. The designed noise screening will only be accomplished if the barrier's weight is at least 3.5 pounds per square foot of face area without decorative cutouts or line-of-site openings between the shielded areas and the project site. Noise control barrier may be constructed using one, or any combination of the following materials:

    - Masonry block;

    - Stucco veneer over wood framing (or foam core), or 1-inch thick tongue and groove wood of sufficient weight per square foot;

- Glass (1/4 inch thick), or other transparent material with sufficient weight per square foot;

- Earthen berm

VII. REFERENCES

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APPENDICES

Appendix A – List of Acronyms

Appendix B – Definitions of Acoustical Terms

Appendix C – Noise Monitoring Field Worksheets

Appendix D – SoundPLAN Data

Appendix E – Project Generated Traffic FHWA Worksheets

APPENDIX A

List of Acronyms

Term	Definition
ADT	Average Daily Traffic
ANSI	American National Standard Institute
CEQA	California Environmental Quality Act
CNEL	Community Noise Equivalent Level
D/E/N	Day / Evening / Night
dB	Decibel
dBA or dB(A)	Decibel "A-Weighted"
dBA/DD	Decibel per Double Distance
dBA L_{eq}	Average Noise Level over a Period of Time
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
L_{02},L_{08},L_{50},L_{90}	A-weighted Noise Levels at 2 percent, 8 percent, 50 percent, and 90 percent, respectively, of the time period
L_{dn}	Day-Night Average Noise Level
$L_{eq(x)}$	Equivalent Noise Level for '"x" period of time
L_{eq}	Equivalent Noise Level
L_{max}	Maximum Level of Noise (measured using a sound level meter)
L_{min}	Minimum Level of Noise (measured using a sound level meter)
LOS C	Level of Service C
OPR	California Governor's Office of Planning and Research
PPV	Peak Particle Velocities
RCNM	Road Construction Noise Model
REMEL	Reference Energy Mean Emission Level
RMS	Root Mean Square

APPENDIX B

Definitions of Acoustical Terms

Term	Definition
Decibel, dB	A logarithmic unit of noise level measurement that relates the energy of a noise source to that of a constant reference level; the number of decibels is 10 times the logarithm (to the base 10) of this ratio.
Frequency, Hertz	In a function periodic in time, the number of times that the quantity repeats itself in one second (i.e., the number of cycles per second).
A-Weighted Sound Level, dBA	The sound level obtained by use of A-weighting. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear.
Root Mean Square (RMS)	A measure of the magnitude of a varying noise source quantity. The name derives from the calculation of the square root of the mean of the squares of the values. It can be calculated from either a series of lone values or a continuous varying function.
Fast/Slow Meter Response	The fast and slow meter responses are different settings on a sound level meter. The fast response setting takes a measurement every 100 milliseconds, while a slow setting takes one every second.
L_{02}, L_{08}, L_{50}, L_{90}	The A-weighted noise levels that are equaled or exceeded by a fluctuating sound level, 2 percent, 8 percent, 50 percent, and 90 percent of a stated time period, respectively.
Equivalent Continuous Noise Level, L_{eq}	A level of steady state sound that in a stated time period, and a stated location, has the same A-weighted sound energy as the time-varying sound.
L_{max}, L_{min}	L_{max} is the RMS (root mean squared) maximum level of a noise source or environment measured on a sound level meter, during a designated time interval, using fast meter response. L_{min} is the minimum level.
Ambient Noise Level	The all-encompassing noise environment associated with a given environment, at a specified time, usually a composite of sound from many sources, at many directions, near and far, in which usually no particular sound is dominant.
Offensive/ Offending/ Intrusive Noise	The noise that intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of sound depends on its amplitude, duration, frequency, and time of occurrence, and tonal information content as well as the prevailing ambient noise level.

APPENDIX C

Noise Monitoring Field Worksheets

Noise Measurement
Field Data

Project Name:	Sycamore Canyon			Date:	15-Dec-15
Project #:	6042				
Noise Measurement #:	ST1	LxT_Data.086		Technician:	Ian Edward Gallagher
Nearest Address or Cross Street:	**Boswell Ct & Sutherland Drive**				
Site Description (Type of Existing Land Use and any other notable features)	**Residential & Commerical, construction site just to east of lot**				
Temperature:	55 deg F	**Wind:**	**Calm < 3mph**	**Settings:**	**SLOW** **FAST** (Circle one)
Weather:	sunny	clear skies	18% Humidity	**Terrain:**	Slightly hilly
Start Time:	**2:13 PM**	**End Time:**	**2:23 PM**	**Run Time:**	10 MIN

Leq:	56 **dB**		
Lmax	62.6 **dB**	**Primary Noise Source:**	**Activity from the construction site**
L2	59.3 **dB**		
L8	58.0 **dB**	**Secondary Noise Sources:**	**Residential Noises, distant barking dogs, traffic ambiance from**
L25	56.6 **dB**		**the 215 FWY**
L50	55.7 **dB**		

NOISE METER:	SoundTrack LxT Class 1	**CALIBRATOR**	Larson Davis CAL250 Acoustic Calibrator
MAKE:	Larson Davis	**MAKE:**	Larson Davis
MODEL:	LxT1	**MODEL:**	Cal250
SERIAL NUMBER:	3099	**SER. NUMBER:**	2723
FACTORY CALIBRATION DATE:	11/4/2014	**FACTORY CALIBRATION DATE:**	11/3/2014
FIELD CALIBRATION DATE:	5/26/2015		

KUNZMAN ASSOCIATES, INC.
OVER 35 YEARS OF EXCELLENT SERVICE

Summary					
File Name	LxT_Data.086				
Serial Number	0003099				
Model	SoundTrack LxT®				
Firmware Version	2.301				
User					
Start	2015-12-15 14:13:56				
Stop	2015-12-15 14:23:56				
Duration	0:10:00.0				
Run Time	0:10:00.0				
Pause	0:00:00.0				
Pre Calibration	2015-12-15 14:12:45				
Post Calibration	None				
Calibration Deviation	---				
Overall Settings					
RMS Weight	A Weighting				
Peak Weight	A Weighting				
Detector	Slow				
Preamp	PRMLxT1L				
Microphone Correction	Off				
Integration Method	Linear				
OBA Range	High				
OBA Bandwidth	1/1 and 1/3				
OBA Freq. Weighting	A Weighting				
OBA Max Spectrum	Bin Max				
Overload	121.6	dB			
Results					
LAeq	56.0	dB			
LAE	83.8	dB			
EA	26.808	µPa²h			
EA8	1.287	mPa²h			
EA40	6.434	mPa²h			
LApeak (max)	2015-12-15 14:16:42		87.4	dB	
LASmax	2015-12-15 14:16:42		62.6	dB	
LASmin	2015-12-15 14:23:34		52.9	dB	
SEA	-99.9	dB			
LCeq	70.4	dB	**Statistics**		
LAeq	56.0	dB	**LAS2.00**	59.3	dB
LCeq - LAeq	14.4	dB	**LAS8.00**	58.0	dB
LAIeq	58.0	dB	**LAS10.00**	57.8	dB
LAeq	56.0	dB	**LAS25.00**	56.6	dB
LAIeq - LAeq	1.9	dB	**LAS50.00**	55.7	dB
# Overloads	0		**LAS90.00**	54.0	dB
Overload Duration	0.0	s			

Noise Measurement
Field Data

Project Name:	Sycamore Canyon			Date:	18-Dec-15
Project #:	6042				
Noise Measurement #:	ST1	LxT_Data.099		Technician:	Ian Edward Gallagher
Nearest Address or Cross Street:	**Boswell Ct & Sutherland Drive**				
Site Description (Type of Existing Land Use and any other notable features)	**Residential & Commerical, construction site just to east of lot**				
Temperature:	57 deg F	**Wind:**	**Calm < 3mph**	**Settings:**	**SLOW** **FAST** (Circle one)
Weather:	After dark	clear skies	22% Humidity	**Terrain:**	Slightly hilly
Start Time:	**6:59 PM**	**End Time:**	**7:09 PM**	**Run Time:**	10 MIN

Leq:	52.2 **dB**		
Lmax	56.3 **dB**	**Primary Noise Source:**	**Traffic ambiance from the 215 FWY**
L2	55.4 **dB**		
L8	54.7 **dB**	**Secondary Noise Sources:**	**Residential Noises, distant barking dogs,**
L25	53.0 **dB**		**a little noise from the truck depot across Dan Kipper Drive,**
L50	51.8 **dB**		Christmas songs being played on PA system of truck depot

NOISE METER:	SoundTrack LxT Class 1	**CALIBRATOR**	Larson Davis CAL250 Acoustic Calibrator
MAKE:	Larson Davis	**MAKE:**	Larson Davis
MODEL:	LxT1	**MODEL:**	Cal250
SERIAL NUMBER:	3099	**SER. NUMBER:**	2723
FACTORY CALIBRATION DATE:	11/4/2014	**FACTORY CALIBRATION DATE:**	11/3/2014
FIELD CALIBRATION DATE:	5/26/2015		

Summary					
File Name	LxT_Data.099				
Serial Number	0003099				
Model	SoundTrack LxT®				
Firmware Version	2.301				
User					
Start	2015-12-18 18:59:27				
Stop	2015-12-18 19:09:27				
Duration	0:10:00.0				
Run Time	0:10:00.0				
Pause	0:00:00.0				
Pre Calibration	2015-12-18 18:58:14				
Post Calibration	None				
Calibration Deviation	---				
Overall Settings					
RMS Weight	A Weighting				
Peak Weight	A Weighting				
Detector	Slow				
Preamp	PRMLxT1L				
Microphone Correction	Off				
Integration Method	Linear				
OBA Range	High				
OBA Bandwidth	1/1 and 1/3				
OBA Freq. Weighting	A Weighting				
OBA Max Spectrum	Bin Max				
Overload	121.6	dB			
Results					
LAeq	52.2	dB			
LAE	80.0	dB			
EA	10.997	µPa²h			
EA8	527.851	µPa²h			
EA40	2.639	mPa²h			
LApeak (max)	2015-12-18 19:02:56		78.9	dB	
LASmax	2015-12-18 19:06:40		56.3	dB	
LASmin	2015-12-18 19:01:26		47.6	dB	
SEA	-99.9	dB			
LCeq	62.0	dB	**Statistics**		
LAeq	52.2	dB	**LAS2.00**	55.4	dB
LCeq - LAeq	9.8	dB	**LAS8.00**	54.7	dB
LAIeq	53.5	dB	**LAS10.00**	54.4	dB
LAeq	52.2	dB	**LAS25.00**	53.0	dB
LAIeq - LAeq	1.4	dB	**LAS50.00**	51.8	dB
# Overloads	0		**LAS90.00**	49.5	dB
Overload Duration	0.0	s			

Noise Measurement
Field Data

Project Name:	Sycamore Canyon			Date:	14-Dec-15
Project #:	6042				
Noise Measurement #:	ST2	LxT_Data.084		Technician:	Ian Edward Gallagher
Nearest Address or Cross Street:	**Speyside Road and Cannich Road**				
Site Description (Type of Existing Land Use and any other notable features)	**Residential & Commerical, construction site to east of lot**				
Temperature:	47	**Wind:**	**Calm**	**Settings:**	**SLOW** **FAST** (Circle one)
Weather:	After dark,	little cloud	40% Humidity	**Terrain:**	Slightly hilly
Start Time:	**5:23 PM**	**End Time:**	**5:33 PM**	**Run Time:**	10 MIN

Leq:	41.9 **dB**		
Lmax	58.9 **dB**	**Primary Noise Source:**	**Residential Noises, distant barking dogs,**
L2	49.0 **dB**		
L8	45.1 **dB**	**Secondary Noise Sources:**	**Ambiance, distant traffic noise from the 215 FWY**
L25	41.1 **dB**		
L50	39.1 **dB**		

NOISE METER:	SoundTrack LxT Class 1	**CALIBRATOR**	Larson Davis CAL250 Acoustic Calibrator
MAKE:	Larson Davis	**MAKE:**	Larson Davis
MODEL:	LxT1	**MODEL:**	Cal250
SERIAL NUMBER:	3099	**SER. NUMBER:**	2723
FACTORY CALIBRATION DATE:	11/4/2014	**FACTORY CALIBRATION DATE:**	11/3/2014
FIELD CALIBRATION DATE:	5/26/2015		

Summary					
File Name	LxT_Data.084				
Serial Number	0003099				
Model	SoundTrack LxT®				
Firmware Version	2.301				
User					
Start	2015-12-14 17:23:05				
Stop	2015-12-14 17:33:05				
Duration	0:10:00.0				
Run Time	0:10:00.0				
Pause	0:00:00.0				
Pre Calibration	2015-12-14 17:20:56				
Post Calibration	None				
Calibration Deviation	---				
Overall Settings					
RMS Weight	A Weighting				
Peak Weight	A Weighting				
Detector	Slow				
Preamp	PRMLxT1L				
Microphone Correction	Off				
Integration Method	Linear				
OBA Range	High				
OBA Bandwidth	1/1 and 1/3				
OBA Freq. Weighting	A Weighting				
OBA Max Spectrum	Bin Max				
Overload	122.3	dB			
Results					
LAeq	41.9	dB			
LAE	69.7	dB			
EA	1.041	µPa²h			
EA8	49.959	µPa²h			
EA40	249.793	µPa²h			
LApeak (max)	2015-12-14 17:25:55		93.8	dB	
LASmax	2015-12-14 17:25:55		58.9	dB	
LASmin	2015-12-14 17:30:06		34.5	dB	
SEA	-99.9	dB			
LCeq	54.8	dB	**Statistics**		
LAeq	41.9	dB	**LAS2.00**	49.0	dB
LCeq - LAeq	12.9	dB	**LAS8.00**	45.1	dB
LAIeq	49.8	dB	**LAS10.00**	44.6	dB
LAeq	41.9	dB	**LAS25.00**	41.1	dB
LAIeq - LAeq	7.9	dB	**LAS50.00**	39.1	dB
# Overloads	0		**LAS90.00**	35.9	dB
Overload Duration	0.0	s			

Noise Measurement
Field Data

Project Name:	Sycamore Canyon	Date:	29 to 30 Dec 2015
Project #:	6042		
Noise Measurement #:	LT1 3099 LxT_Data.103.xlxs	Technician:	Ian Edward Gallagher
Nearest Address or Cross Street:	**Boswell Ct & Sutherland Drive**		
Site Description (Type of Existing Land Use and any other notable features)	**Empty lot, suurounding Residential & Commerical, construction site to east of lot**		
Temperature:	60 - 35 deg F **Wind:** **Calm**	**Settings:**	**SLOW** **FAST** (Circle one)
Weather:	Day: Sunny Night: Clear Skies Humidity 68%	**Terrain:**	Slightly hilly
Start Time:	**2:00 PM** **29-Dec** **End Time:** **2:00 PM** **30-Dec**	**Run Time:**	24Hr 24 x 1Hr Samples

Leq:	54 **dB**		
Lmax	78.9 **dB**	**Primary Noise Source:**	Construction site along Dan Kipper Dr, construction inactive at night
L2	59.5 **dB**		
L8	57.4 **dB**	**Secondary Noise Sources:**	**Ambiance, distant traffic noise from the 215 FWY,**
L25	53.6 **dB**		**Residential Noises, distant barking dogs, bird song during the day**
L50	50.3 **dB**		Distant barking dogs, coyote song at night, occasional residential noise

NOISE METER:	SoundTrack LxT Class 1	**CALIBRATOR**	Larson Davis CAL250 Acoustic Calibrator
MAKE:	Larson Davis	**MAKE:**	Larson Davis
MODEL:	LxT1	**MODEL:**	Cal250
SERIAL NUMBER:	3099	**SER. NUMBER:**	2723
FACTORY CALIBRATION DATE:	11/4/2014	**FACTORY CALIBRATION DATE:**	11/3/2014
FIELD CALIBRATION DATE:	5/26/2015		

Additional Notes/Sketch

17:38	29-Dec	4.4 magnitude earthquake, epicenter~ Devore CA may effect noise readings at that specific time,

Summary					
File Name	LxT_Data.103				
Serial Number	0003099				
Model	SoundTrack LxT®				
Firmware Version	2.301				
User					
Start	2015-12-29 14:00:00				
Stop	2015-12-30 14:00:00				
Duration	0:00:00.0				
Run Time	0:00:00.0				
Pause	0:00:00.0				
Pre Calibration	2015-12-29 12:56:10				
Post Calibration	None				
Calibration Deviation	---				
Overall Settings					
RMS Weight	A Weighting				
Peak Weight	Z Weighting				
Detector	Slow				
Preamp	PRMLxT1L				
Microphone Correction	Off				
Integration Method	Linear				
OBA Range	High				
OBA Bandwidth	1/1 and 1/3				
OBA Freq. Weighting	A Weighting				
OBA Max Spectrum	Bin Max				
Overload	121.8	dB			
Results					
LAeq	54.0	dB			
LAE	103.4	dB			
EA	2.439	mPa²h			
EA8	813.020	µPa²h			
EA40	4.065	mPa²h			
LZpeak (max)	2015-12-29 14:00:57		109.8	dB	
LASmax	2015-12-29 14:00:57		78.9	dB	
LASmin	2015-12-29 16:46:47		32.1	dB	
SEA	-99.9	dB			
LCeq	65.3	dB	**Statistics**		
LAeq	54.0	dB	**LAS2.00**	59.5	dB
LCeq - LAeq	11.3	dB	**LAS8.00**	57.4	dB
LAIeq	55.8	dB	**LAS10.00**	56.9	dB
LAeq	54.0	dB	**LAS25.00**	53.6	dB
LAIeq - LAeq	1.8	dB	**LAS50.00**	50.3	dB
# Overloads	0		**LAS90.00**	40.2	dB
Overload Duration	0.0	s			

Long Term Measurement 1 Hourly Data

Record #	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	LASmin Time	LASmax	LASmax Time
1	2015-12-29	14:00:00	1:00:00.0	1:00:00.0	0:00:00.0	50.0	85.5	37.1	14:23:51	78.9	14:00:57
2	2015-12-29	15:00:00	1:00:00.0	1:00:00.0	0:00:00.0	42.4	77.9	33.1	15:34:41	61.6	15:05:43
3	2015-12-29	16:00:00	1:00:00.0	1:00:00.0	0:00:00.0	45.1	80.7	32.1	16:46:47	70.9	16:30:02
4	2015-12-29	17:00:00	1:00:00.0	1:00:00.0	0:00:00.0	45.9	81.4	32.8	17:00:24	66.5	17:59:07
5	2015-12-29	18:00:00	1:00:00.0	1:00:00.0	0:00:00.0	44.6	80.2	32.5	18:57:04	59.2	18:19:51
6	2015-12-29	19:00:00	1:00:00.0	1:00:00.0	0:00:00.0	46.6	82.2	35.0	19:11:48	64.5	19:16:06
7	2015-12-29	20:00:00	1:00:00.0	1:00:00.0	0:00:00.0	45.8	81.4	38.7	20:00:36	63.4	20:36:28
8	2015-12-29	21:00:00	1:00:00.0	1:00:00.0	0:00:00.0	47.0	82.6	41.0	21:01:39	60.1	21:43:41
9	2015-12-29	22:00:00	1:00:00.0	1:00:00.0	0:00:00.0	51.1	86.7	46.2	22:05:39	61.4	22:42:15
10	2015-12-29	23:00:00	1:00:00.0	1:00:00.0	0:00:00.0	53.0	88.6	47.4	23:19:45	62.9	23:06:36
11	2015-12-30	0:00:00	1:00:00.0	1:00:00.0	0:00:00.0	51.5	87.1	46.5	0:27:12	64.2	0:47:54
12	2015-12-30	1:00:00	1:00:00.0	1:00:00.0	0:00:00.0	51.4	87.0	46.5	1:55:07	60.2	1:28:23
13	2015-12-30	2:00:00	1:00:00.0	1:00:00.0	0:00:00.0	52.1	87.7	46.2	2:16:55	64.3	2:26:32
14	2015-12-30	3:00:00	1:00:00.0	1:00:00.0	0:00:00.0	51.0	86.6	46.0	3:59:53	60.1	3:04:12
15	2015-12-30	4:00:00	1:00:00.0	1:00:00.0	0:00:00.0	52.9	88.5	46.4	4:00:08	58.9	4:46:34
16	2015-12-30	5:00:00	1:00:00.0	1:00:00.0	0:00:00.0	55.4	90.9	51.0	5:02:13	60.4	5:50:50
17	2015-12-30	6:00:00	1:00:00.0	1:00:00.0	0:00:00.0	56.9	92.4	53.0	6:51:06	66.5	6:03:21
18	2015-12-30	7:00:00	1:00:00.0	1:00:00.0	0:00:00.0	58.1	93.6	54.3	7:17:51	64.1	7:49:30
19	2015-12-30	8:00:00	1:00:00.0	1:00:00.0	0:00:00.0	58.3	93.9	54.3	8:58:39	63.7	8:09:22
20	2015-12-30	9:00:00	1:00:00.0	1:00:00.0	0:00:00.0	54.5	90.1	49.5	9:38:36	65.1	9:44:58
21	2015-12-30	10:00:00	1:00:00.0	1:00:00.0	0:00:00.0	60.5	96.1	46.6	10:44:38	78.1	10:57:43
22	2015-12-30	11:00:00	1:00:00.0	1:00:00.0	0:00:00.0	59.6	95.1	41.8	11:59:59	76.6	11:02:02
23	2015-12-30	12:00:00	1:00:00.0	1:00:00.0	0:00:00.0	48.4	83.9	39.3	12:33:41	69.5	12:04:59
24	2015-12-30	13:00:00	1:00:00.0	1:00:00.0	0:00:00.0	50.6	86.2	40.6	13:00:47	68.7	13:29:42

Noise Measurement
Field Data

Project Name:	Sycamore Canyon	Date:	28 to 29 Dec 2015
Project #:	6042		
Noise Measurement #:	LT2 3099 LxT.Data.102.xlxs	Technician:	Ian Edward Gallagher
Nearest Address or Cross Street:	**Speyside Road and Cannich Road**		
Site Description (Type of Existing Land Use and any other notable features)	**Residential & Commerical, construction site to east of lot**		
Temperature:	53 - 30 deg F **Wind: day 11mph, night/morning calm**	**Settings:**	**SLOW** **FAST** (Circle one)
Weather:	partly cloudy, shower ~1700 70- 90% Humidity	**Terrain:**	Sightly hilly
Start Time:	**9:00 AM 28-Dec** **End Time:** **9:00 AM 29-Dec**	**Run Time:**	24Hour, 24 x 1hr intervals

Leq:	46.3 **dB**		
Lmax	80.2 **dB**	**Primary Noise Source:**	**Residential Noises, distant barking dogs,**
L2	52.5 **dB**		
L8	50.4 **dB**	**Secondary Noise Sources:**	**Ambiance, distant traffic noise from the 215 FWY.**
L25	46.3 **dB**		**Daytime: Bird Song, overhead aircraft, rustling leaves**
L50	42.4 **dB**		Night time: overhead aircraft, barking dogs/ coyotes, rustling leaves

NOISE METER:	SoundTrack LxT Class 1	**CALIBRATOR**	Larson Davis CAL250 Acoustic Calibrator
MAKE:	Larson Davis	**MAKE:**	Larson Davis
MODEL:	LxT1	**MODEL:**	Cal250
SERIAL NUMBER:	3099	**SER. NUMBER:**	2723
FACTORY CALIBRATION DATE:	11/4/2014	**FACTORY CALIBRATION DATE:**	11/3/2014
FIELD CALIBRATION DATE:	5/26/2015		

Noise Measurement
Field Data

Additional Notes/Sketch

Lmax of 80.2 dB — May have been caused by me disguising the equipment to blend in with the surroundings
Lots of dead twigs and branches being snapped underfoot.

Incident of 80.2dB occurred at 09:01:29 at the time I was camoflaging equipment.

Summary					
File Name	LxT_Data.102				
Serial Number	0003099				
Model	SoundTrack LxT®				
Firmware Version	2.301				
User					
Start	2015-12-28 9:00:00				
Stop	2015-12-29 9:00:00				
Duration	0:00:00.0				
Run Time	0:00:00.0				
Pause	0:00:00.0				
Pre Calibration	2015-12-28 8:33:13				
Post Calibration	None				
Calibration Deviation	---				
Overall Settings					
RMS Weight	A Weighting				
Peak Weight	Z Weighting				
Detector	Slow				
Preamp	PRMLxT1L				
Microphone Correction	Off				
Integration Method	Linear				
OBA Range	High				
OBA Bandwidth	1/1 and 1/3				
OBA Freq. Weighting	A Weighting				
OBA Max Spectrum	Bin Max				
Overload	121.5 dB				
Results					
LAeq	46.3 dB				
LAE	95.7 dB				
EA	413.149 µPa²h				
EA8	137.716 µPa²h				
EA40	688.582 µPa²h				
LZpeak (max)	2015-12-28 9:05:39	115.5 dB			
LASmax	2015-12-28 9:01:29	80.2 dB			
LASmin	2015-12-28 15:55:14	28.7 dB			
SEA	-99.9 dB				
LCeq	58.1 dB		**Statistics**		
LAeq	46.3 dB		**LAS2.00**	52.5 dB	
LCeq - LAeq	11.7 dB		**LAS8.00**	50.4 dB	
LAIeq	52.2 dB		**LAS10.00**	50.0 dB	
LAeq	46.3 dB		**LAS25.00**	46.3 dB	
LAIeq - LAeq	5.9 dB		**LAS50.00**	42.4 dB	
# Overloads	0		**LAS90.00**	35.6 dB	
Overload Duration	0.0 s				

Long Term Measurement 2 Hourly Data

Record #	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	LASmin Time	LASmax	LASmax Time
1	2015-12-28	9:00:00	1:00:00.0	1:00:00.0	0:00:00.0	51.9	87.4	36.4	9:58:12	80.2	9:01:29
2	2015-12-28	10:00:00	1:00:00.0	1:00:00.0	0:00:00.0	41.6	77.2	36.0	10:45:53	58.3	10:20:42
3	2015-12-28	11:00:00	1:00:00.0	1:00:00.0	0:00:00.0	41.3	76.9	33.6	11:31:47	60.7	11:00:02
4	2015-12-28	12:00:00	1:00:00.0	1:00:00.0	0:00:00.0	42.5	78.0	33.3	12:55:02	57.1	12:00:24
5	2015-12-28	13:00:00	1:00:00.0	1:00:00.0	0:00:00.0	45.3	80.8	32.4	13:54:19	65.4	13:10:57
6	2015-12-28	14:00:00	1:00:00.0	1:00:00.0	0:00:00.0	43.8	79.4	29.8	14:53:52	65.6	14:27:20
7	2015-12-28	15:00:00	1:00:00.0	1:00:00.0	0:00:00.0	38.8	74.4	28.7	15:55:14	53.8	15:06:18
8	2015-12-28	16:00:00	1:00:00.0	1:00:00.0	0:00:00.0	42.1	77.7	29.3	16:00:10	55.6	16:51:34
9	2015-12-28	17:00:00	1:00:00.0	1:00:00.0	0:00:00.0	46.7	82.3	38.1	17:54:18	59.5	17:30:45
10	2015-12-28	18:00:00	1:00:00.0	1:00:00.0	0:00:00.0	44.5	80.0	37.4	18:29:13	66.9	18:43:27
11	2015-12-28	19:00:00	1:00:00.0	1:00:00.0	0:00:00.0	44.1	79.7	33.3	19:27:33	62.5	19:54:21
12	2015-12-28	20:00:00	1:00:00.0	1:00:00.0	0:00:00.0	41.1	76.6	34.1	20:17:36	55.6	20:35:52
13	2015-12-28	21:00:00	1:00:00.0	1:00:00.0	0:00:00.0	47.1	82.7	41.7	21:00:19	57.2	21:41:57
14	2015-12-28	22:00:00	1:00:00.0	1:00:00.0	0:00:00.0	45.8	81.4	40.7	22:42:29	61.8	22:55:34
15	2015-12-28	23:00:00	1:00:00.0	1:00:00.0	0:00:00.0	43.8	79.4	34.9	23:31:34	50.0	23:43:42
16	2015-12-29	0:00:00	1:00:00.0	1:00:00.0	0:00:00.0	39.8	75.3	32.2	0:38:02	48.8	0:03:58
17	2015-12-29	1:00:00	1:00:00.0	1:00:00.0	0:00:00.0	41.0	76.5	34.5	1:03:06	54.2	1:20:15
18	2015-12-29	2:00:00	1:00:00.0	1:00:00.0	0:00:00.0	44.6	80.1	39.1	2:18:30	51.4	2:12:50
19	2015-12-29	3:00:00	1:00:00.0	1:00:00.0	0:00:00.0	43.2	78.8	38.1	3:19:17	48.7	3:47:36
20	2015-12-29	4:00:00	1:00:00.0	1:00:00.0	0:00:00.0	46.1	81.6	39.5	4:02:26	54.6	4:33:38
21	2015-12-29	5:00:00	1:00:00.0	1:00:00.0	0:00:00.0	46.2	81.8	38.2	5:25:37	56.6	5:55:23
22	2015-12-29	6:00:00	1:00:00.0	1:00:00.0	0:00:00.0	50.5	86.0	47.1	6:46:20	54.8	6:38:45
23	2015-12-29	7:00:00	1:00:00.0	1:00:00.0	0:00:00.0	50.2	85.7	47.2	7:03:28	60.9	7:43:42
24	2015-12-29	8:00:00	1:00:00.0	1:00:00.0	0:00:00.0	51.9	87.5	45.5	8:57:31	70.8	8:40:25

APPENDIX D

SoundPLAN Data

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
1	1.Fl	42.7	0.0	42.2	0.0
1		-0.7	0.0	-0.7	0.0
1		30.9	0.0	29.1	0.0
2		9.6	0.0	9.0	0.0
2		37.0	0.0	37.0	0.0
3		17.5	0.0	17.0	0.0
3		15.1	0.0	14.1	0.0
4		0.9	0.0	0.3	0.0
4		37.3	0.0	37.3	0.0
5		18.1	0.0	17.8	0.0
5		25.2	0.0	24.8	0.0
6		2.2	0.0	1.7	0.0
6		22.7	0.0	22.4	0.0
7		2.1	0.0	1.5	0.0
7		10.6	0.0	10.6	0.0
8		36.7	0.0	35.3	0.0
8		23.9	0.0	19.6	0.0
9		22.8	0.0	22.8	0.0
10		8.0	0.0	8.0	0.0
11		17.1	0.0	17.1	0.0
12		21.3	0.0	19.8	0.0
HVAC1		20.1	0.0	19.9	0.0
HVAC2		20.9	0.0	20.5	0.0
HVAC3		18.8	0.0	18.8	0.0
HVAC4		22.6	0.0	22.6	0.0
HVAC5		21.4	0.0	21.4	0.0
HVAC6		20.6	0.0	20.6	0.0
HVAC7		18.6	0.0	18.6	0.0
Trash Compactor 1 five minute/1hr		6.2	0.0	5.7	0.0
Trash Compactor 2 five minute/1hr		-21.3	0.0	-26.3	0.0
Trash Compactor 3 five minute/1hr		-24.3	0.0	-24.3	0.0
Trash Compactor 4 five minute/1hr		-2.3	0.0	-2.3	0.0
Trash Compactor 5 five minute/1hr		-8.8	0.0	-8.8	0.0
1	2.Fl	45.0	0.0	44.5	0.0
1		-0.8	0.0	-0.8	0.0
1		34.5	0.0	31.9	0.0
2		10.1	0.0	10.1	0.0
2		39.2	0.0	39.2	0.0
3		17.4	0.0	17.4	0.0
3		16.2	0.0	15.8	0.0
4		2.5	0.0	2.1	0.0
4		40.1	0.0	40.1	0.0
5		19.2	0.0	18.0	0.0
5		31.8	0.0	30.9	0.0
6		3.1	0.0	1.9	0.0
6		23.9	0.0	23.9	0.0
7		3.4	0.0	2.3	0.0
7		10.8	0.0	10.8	0.0
8		37.8	0.0	36.7	0.0
8		28.3	0.0	23.0	0.0
9		23.3	0.0	23.3	0.0
10		8.0	0.0	8.0	0.0
11		17.0	0.0	17.0	0.0
12		21.8	0.0	21.1	0.0
HVAC1		24.3	0.0	22.2	0.0
HVAC2		21.7	0.0	21.7	0.0
HVAC3		19.2	0.0	19.2	0.0
HVAC4		24.0	0.0	24.0	0.0
HVAC5		22.3	0.0	22.3	0.0
HVAC6		20.7	0.0	20.7	0.0
HVAC7		18.7	0.0	18.7	0.0
Trash Compactor 1 five minute/1hr		9.9	0.0	9.7	0.0
Trash Compactor 2 five minute/1hr		-21.5	0.0	-21.5	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
Trash Compactor 3 five minute/1hr	-24.5	0.0	-24.5	0.0
Trash Compactor 4 five minute/1hr	1.0	0.0	1.0	0.0
Trash Compactor 5 five minute/1hr	-6.7	0.0	-6.7	0.0
2 1.Fl	30.2	0.0	30.1	0.0
1	11.4	0.0	10.0	0.0
1	18.7	0.0	18.7	0.0
2	16.6	0.0	15.0	0.0
2	12.5	0.0	12.5	0.0
3	13.3	0.0	13.3	0.0
3	4.7	0.0	4.7	0.0
4	-8.1	0.0	-8.1	0.0
4	12.2	0.0	12.2	0.0
5	8.5	0.0	8.5	0.0
5	20.1	0.0	20.1	0.0
6	-7.5	0.0	-7.5	0.0
6	14.7	0.0	14.7	0.0
7	-7.5	0.0	-7.5	0.0
7	-6.4	0.0	-6.4	0.0
8	22.3	0.0	22.3	0.0
8	5.6	0.0	5.6	0.0
9	14.1	0.0	14.1	0.0
10	2.6	0.0	2.6	0.0
11	7.7	0.0	7.7	0.0
12	12.3	0.0	12.3	0.0
HVAC1	21.0	0.0	21.0	0.0
HVAC2	23.0	0.0	23.0	0.0
HVAC3	22.0	0.0	22.0	0.0
HVAC4	4.6	0.0	4.5	0.0
HVAC5	2.9	0.0	2.9	0.0
HVAC6	1.6	0.0	1.6	0.0
HVAC7	0.3	0.0	0.3	0.0
Trash Compactor 1 five minute/1hr	-1.9	0.0	-1.9	0.0
Trash Compactor 2 five minute/1hr	-24.2	0.0	-24.2	0.0
Trash Compactor 3 five minute/1hr	-28.6	0.0	-28.6	0.0
Trash Compactor 4 five minute/1hr	-24.9	0.0	-24.9	0.0
Trash Compactor 5 five minute/1hr	-30.5	0.0	-30.5	0.0
2 2.Fl	31.9	0.0	31.9	0.0
1	11.5	0.0	10.8	0.0
1	19.1	0.0	19.1	0.0
2	16.8	0.0	15.7	0.0
2	14.3	0.0	14.3	0.0
3	13.9	0.0	13.9	0.0
3	4.8	0.0	4.8	0.0
4	-7.8	0.0	-7.8	0.0
4	12.3	0.0	12.3	0.0
5	9.2	0.0	9.2	0.0
5	20.1	0.0	20.1	0.0
6	-6.9	0.0	-6.9	0.0
6	16.5	0.0	16.5	0.0
7	-6.8	0.0	-6.8	0.0
7	-6.4	0.0	-6.4	0.0
8	23.3	0.0	23.3	0.0
8	6.1	0.0	6.1	0.0
9	16.4	0.0	16.4	0.0
10	4.4	0.0	4.4	0.0
11	7.9	0.0	7.9	0.0
12	13.4	0.0	13.4	0.0
HVAC1	23.6	0.0	23.6	0.0
HVAC2	25.5	0.0	25.5	0.0
HVAC3	24.6	0.0	24.6	0.0
HVAC4	7.1	0.0	7.1	0.0
HVAC5	5.7	0.0	5.7	0.0
HVAC6	4.6	0.0	4.6	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
HVAC7		3.6	0.0	3.6	0.0
Trash Compactor 1 five minute/1hr		-1.8	0.0	-1.8	0.0
Trash Compactor 2 five minute/1hr		-24.1	0.0	-24.1	0.0
Trash Compactor 3 five minute/1hr		-27.6	0.0	-27.6	0.0
Trash Compactor 4 five minute/1hr		-24.8	0.0	-24.8	0.0
Trash Compactor 5 five minute/1hr		-30.1	0.0	-30.1	0.0
2	1.Fl	45.2	0.0	39.8	0.0
1		5.6	0.0	0.4	0.0
1		39.7	0.0	32.6	0.0
2		13.6	0.0	10.1	0.0
2		35.8	0.0	29.9	0.0
3		18.6	0.0	13.5	0.0
3		16.9	0.0	15.6	0.0
4		3.5	0.0	1.7	0.0
4		36.1	0.0	29.7	0.0
5		19.7	0.0	17.6	0.0
5		38.1	0.0	31.2	0.0
6		3.1	0.0	1.6	0.0
6		23.3	0.0	16.6	0.0
7		3.5	0.0	1.8	0.0
7		4.3	0.0	0.4	0.0
8		38.3	0.0	35.0	0.0
8		25.6	0.0	21.7	0.0
9		23.0	0.0	17.5	0.0
10		8.7	0.0	2.8	0.0
11		16.9	0.0	11.6	0.0
12		21.9	0.0	19.4	0.0
HVAC1		26.5	0.0	24.4	0.0
HVAC2		23.8	0.0	22.4	0.0
HVAC3		21.0	0.0	20.0	0.0
HVAC4		24.0	0.0	21.2	0.0
HVAC5		21.9	0.0	20.0	0.0
HVAC6		20.1	0.0	18.7	0.0
HVAC7		18.1	0.0	17.1	0.0
Trash Compactor 1 five minute/1hr		9.8	0.0	7.4	0.0
Trash Compactor 2 five minute/1hr		-20.0	0.0	-25.0	0.0
Trash Compactor 3 five minute/1hr		-23.6	0.0	-28.9	0.0
Trash Compactor 4 five minute/1hr		-13.5	0.0	-14.3	0.0
Trash Compactor 5 five minute/1hr		-11.1	0.0	-13.0	0.0
2	2.Fl	49.2	0.0	44.4	0.0
1		5.5	0.0	5.3	0.0
1		44.1	0.0	37.8	0.0
2		14.2	0.0	13.4	0.0
2		40.3	0.0	35.8	0.0
3		18.6	0.0	15.4	0.0
3		19.5	0.0	17.7	0.0
4		5.5	0.0	4.0	0.0
4		40.5	0.0	35.5	0.0
5		21.1	0.0	19.6	0.0
5		42.7	0.0	37.0	0.0
6		5.0	0.0	3.6	0.0
6		24.8	0.0	21.3	0.0
7		5.6	0.0	4.0	0.0
7		7.0	0.0	4.7	0.0
8		40.7	0.0	38.2	0.0
8		32.3	0.0	25.3	0.0
9		23.8	0.0	23.7	0.0
10		8.8	0.0	8.8	0.0
11		17.0	0.0	16.8	0.0
12		23.4	0.0	21.1	0.0
HVAC1		28.9	0.0	28.4	0.0
HVAC2		25.1	0.0	23.3	0.0
HVAC3		22.0	0.0	20.8	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
HVAC4		26.2	0.0	24.1	0.0
HVAC5		23.6	0.0	21.9	0.0
HVAC6		21.4	0.0	20.1	0.0
HVAC7		19.1	0.0	17.9	0.0
Trash Compactor 1 five minute/1hr		13.9	0.0	11.6	0.0
Trash Compactor 2 five minute/1hr		-20.1	0.0	-25.1	0.0
Trash Compactor 3 five minute/1hr		-23.8	0.0	-23.8	0.0
Trash Compactor 4 five minute/1hr		-8.4	0.0	-13.8	0.0
Trash Compactor 5 five minute/1hr		-7.2	0.0	-9.5	0.0
3	1.Fl	47.8	0.0	40.5	0.0
1		6.3	0.0	1.1	0.0
1		42.7	0.0	32.6	0.0
2		14.4	0.0	8.9	0.0
2		35.2	0.0	33.9	0.0
3		18.3	0.0	13.2	0.0
3		19.5	0.0	14.4	0.0
4		5.9	0.0	0.7	0.0
4		35.8	0.0	31.7	0.0
5		21.3	0.0	16.3	0.0
5		43.1	0.0	32.3	0.0
6		5.3	0.0	0.4	0.0
6		24.5	0.0	16.5	0.0
7		5.9	0.0	0.7	0.0
7		4.2	0.0	-0.6	0.0
8		39.3	0.0	34.3	0.0
8		30.3	0.0	21.5	0.0
9		23.2	0.0	16.9	0.0
10		9.1	0.0	2.5	0.0
11		16.4	0.0	10.9	0.0
12		24.1	0.0	19.0	0.0
HVAC1		31.5	0.0	23.5	0.0
HVAC2		26.8	0.0	19.2	0.0
HVAC3		23.1	0.0	16.5	0.0
HVAC4		24.3	0.0	18.1	0.0
HVAC5		21.8	0.0	17.1	0.0
HVAC6		19.7	0.0	16.5	0.0
HVAC7		17.6	0.0	15.7	0.0
Trash Compactor 1 five minute/1hr		13.8	0.0	6.7	0.0
Trash Compactor 2 five minute/1hr		-19.9	0.0	-25.0	0.0
Trash Compactor 3 five minute/1hr		-23.9	0.0	-29.3	0.0
Trash Compactor 4 five minute/1hr		-16.3	0.0	-16.9	0.0
Trash Compactor 5 five minute/1hr		-11.7	0.0	-11.6	0.0
3	2.Fl	52.0	0.0	46.9	0.0
1		6.1	0.0	6.1	0.0
1		47.8	0.0	41.2	0.0
2		14.5	0.0	14.0	0.0
2		39.1	0.0	37.2	0.0
3		18.3	0.0	18.3	0.0
3		20.1	0.0	18.8	0.0
4		6.1	0.0	4.8	0.0
4		39.6	0.0	36.5	0.0
5		21.9	0.0	20.2	0.0
5		47.6	0.0	41.5	0.0
6		5.9	0.0	4.3	0.0
6		25.5	0.0	25.6	0.0
7		6.5	0.0	4.7	0.0
7		4.4	0.0	4.8	0.0
8		41.8	0.0	39.2	0.0
8		36.6	0.0	28.7	0.0
9		23.5	0.0	23.5	0.0
10		9.1	0.0	9.1	0.0
11		16.3	0.0	16.3	0.0
12		24.6	0.0	23.1	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Level w/o NP Lmax	Level w. NP Leq1	Level w. NP Lmax
		dB(A)		dB(A)	
HVAC1		32.8	0.0	29.3	0.0
HVAC2		27.1	0.0	25.7	0.0
HVAC3		23.3	0.0	23.0	0.0
HVAC4		25.7	0.0	23.5	0.0
HVAC5		22.9	0.0	21.1	0.0
HVAC6		20.7	0.0	19.2	0.0
HVAC7		18.4	0.0	17.1	0.0
Trash Compactor 1 five minute/1hr		15.0	0.0	12.7	0.0
Trash Compactor 2 five minute/1hr		-20.1	0.0	-20.1	0.0
Trash Compactor 3 five minute/1hr		-24.0	0.0	-24.0	0.0
Trash Compactor 4 five minute/1hr		-9.1	0.0	-16.4	0.0
Trash Compactor 5 five minute/1hr		-8.2	0.0	-8.3	0.0
4	1.Fl	49.5	0.0	49.1	0.0
1		6.1	0.0	6.1	0.0
1		46.3	0.0	45.7	0.0
2		12.5	0.0	12.5	0.0
2		33.2	0.0	31.8	0.0
3		17.9	0.0	17.9	0.0
3		14.5	0.0	14.5	0.0
4		3.9	0.0	3.9	0.0
4		34.5	0.0	29.3	0.0
5		20.3	0.0	20.3	0.0
5		42.7	0.0	42.7	0.0
6		4.1	0.0	4.1	0.0
6		24.4	0.0	24.5	0.0
7		4.7	0.0	4.7	0.0
7		-3.0	0.0	-3.4	0.0
8		41.7	0.0	41.6	0.0
8		35.3	0.0	35.2	0.0
9		22.8	0.0	22.7	0.0
10		8.9	0.0	8.9	0.0
11		15.1	0.0	10.8	0.0
12		23.9	0.0	23.9	0.0
HVAC1		33.3	0.0	33.3	0.0
HVAC2		27.1	0.0	27.1	0.0
HVAC3		23.3	0.0	23.3	0.0
HVAC4		24.7	0.0	24.7	0.0
HVAC5		22.1	0.0	22.1	0.0
HVAC6		20.0	0.0	19.4	0.0
HVAC7		16.7	0.0	16.6	0.0
Trash Compactor 1 five minute/1hr		4.9	0.0	4.9	0.0
Trash Compactor 2 five minute/1hr		-20.1	0.0	-20.1	0.0
Trash Compactor 3 five minute/1hr		-24.1	0.0	-24.1	0.0
Trash Compactor 4 five minute/1hr		-13.1	0.0	-17.8	0.0
Trash Compactor 5 five minute/1hr		-12.0	0.0	-12.6	0.0
4	2.Fl	49.8	0.0	49.5	0.0
1		6.0	0.0	6.0	0.0
1		46.5	0.0	46.4	0.0
2		12.5	0.0	12.5	0.0
2		35.8	0.0	34.3	0.0
3		17.9	0.0	17.9	0.0
3		14.8	0.0	14.8	0.0
4		4.4	0.0	4.4	0.0
4		38.4	0.0	35.0	0.0
5		20.9	0.0	20.9	0.0
5		42.7	0.0	42.7	0.0
6		3.7	0.0	3.7	0.0
6		25.4	0.0	25.4	0.0
7		4.3	0.0	4.3	0.0
7		3.9	0.0	3.2	0.0
8		41.2	0.0	41.2	0.0
8		35.2	0.0	35.2	0.0
9		23.1	0.0	23.1	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Level w/o NP Lmax	Level w. NP Leq1	Level w. NP Lmax
	dB(A)		dB(A)	
10	8.9	0.0	8.9	0.0
11	16.0	0.0	13.3	0.0
12	24.4	0.0	24.4	0.0
HVAC1	33.7	0.0	33.7	0.0
HVAC2	27.3	0.0	27.3	0.0
HVAC3	23.4	0.0	23.4	0.0
HVAC4	24.9	0.0	24.9	0.0
HVAC5	22.2	0.0	22.2	0.0
HVAC6	20.1	0.0	20.1	0.0
HVAC7	17.8	0.0	17.0	0.0
Trash Compactor 1 five minute/1hr	5.0	0.0	5.0	0.0
Trash Compactor 2 five minute/1hr	-20.3	0.0	-20.3	0.0
Trash Compactor 3 five minute/1hr	-24.3	0.0	-24.3	0.0
Trash Compactor 4 five minute/1hr	-10.7	0.0	-10.7	0.0
Trash Compactor 5 five minute/1hr	-9.4	0.0	-9.7	0.0
5 1.Fl	43.7	0.0	43.0	0.0
1	5.8	0.0	5.8	0.0
1	39.6	0.0	38.7	0.0
2	11.6	0.0	11.6	0.0
2	25.5	0.0	23.7	0.0
3	16.6	0.0	16.5	0.0
3	7.2	0.0	7.2	0.0
4	-1.5	0.0	-1.5	0.0
4	35.6	0.0	33.5	0.0
5	17.9	0.0	17.9	0.0
5	32.2	0.0	32.1	0.0
6	1.3	0.0	1.3	0.0
6	24.5	0.0	24.5	0.0
7	1.6	0.0	1.6	0.0
7	-4.3	0.0	-4.6	0.0
8	35.7	0.0	35.7	0.0
8	28.0	0.0	28.0	0.0
9	23.3	0.0	23.3	0.0
10	8.4	0.0	8.4	0.0
11	14.9	0.0	14.7	0.0
12	22.2	0.0	22.2	0.0
HVAC1	33.6	0.0	33.6	0.0
HVAC2	27.1	0.0	27.1	0.0
HVAC3	23.2	0.0	23.2	0.0
HVAC4	21.3	0.0	21.3	0.0
HVAC5	20.3	0.0	20.3	0.0
HVAC6	18.4	0.0	18.4	0.0
HVAC7	16.5	0.0	16.5	0.0
Trash Compactor 1 five minute/1hr	-1.4	0.0	-1.4	0.0
Trash Compactor 2 five minute/1hr	-26.4	0.0	-26.4	0.0
Trash Compactor 3 five minute/1hr	-25.1	0.0	-25.1	0.0
Trash Compactor 4 five minute/1hr	-16.2	0.0	-16.2	0.0
Trash Compactor 5 five minute/1hr	-11.8	0.0	-12.2	0.0
5 2.Fl	44.0	0.0	43.7	0.0
1	5.7	0.0	5.7	0.0
1	39.7	0.0	39.2	0.0
2	11.6	0.0	11.6	0.0
2	28.1	0.0	26.7	0.0
3	16.8	0.0	16.8	0.0
3	7.3	0.0	7.3	0.0
4	-1.2	0.0	-1.2	0.0
4	35.7	0.0	35.6	0.0
5	18.2	0.0	18.2	0.0
5	32.2	0.0	32.1	0.0
6	1.6	0.0	1.6	0.0
6	25.2	0.0	25.2	0.0
7	1.9	0.0	1.9	0.0
7	-2.3	0.0	-4.5	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Level w/o NP Lmax	Level w. NP Leq1	Level w. NP Lmax
	dB(A)		dB(A)	
8	36.4	0.0	36.4	0.0
8	28.2	0.0	28.2	0.0
9	23.7	0.0	23.7	0.0
10	8.4	0.0	8.4	0.0
11	15.0	0.0	14.8	0.0
12	22.4	0.0	22.4	0.0
HVAC1	33.9	0.0	33.9	0.0
HVAC2	27.3	0.0	27.3	0.0
HVAC3	23.3	0.0	23.3	0.0
HVAC4	22.8	0.0	22.8	0.0
HVAC5	20.4	0.0	20.4	0.0
HVAC6	18.5	0.0	18.5	0.0
HVAC7	16.6	0.0	16.6	0.0
Trash Compactor 1 five minute/1hr	-1.4	0.0	-1.4	0.0
Trash Compactor 2 five minute/1hr	-21.6	0.0	-21.6	0.0
Trash Compactor 3 five minute/1hr	-25.2	0.0	-25.2	0.0
Trash Compactor 4 five minute/1hr	-16.1	0.0	-16.1	0.0
Trash Compactor 5 five minute/1hr	-11.0	0.0	-11.1	0.0
6 1.Fl	38.4	0.0	38.2	0.0
1	6.0	0.0	6.0	0.0
1	32.7	0.0	32.1	0.0
2	11.8	0.0	11.8	0.0
2	15.3	0.0	15.3	0.0
3	14.2	0.0	14.1	0.0
3	5.5	0.0	5.5	0.0
4	-3.7	0.0	-3.7	0.0
4	19.7	0.0	18.0	0.0
5	16.1	0.0	16.1	0.0
5	26.3	0.0	25.7	0.0
6	-0.6	0.0	-0.6	0.0
6	22.5	0.0	22.5	0.0
7	-0.5	0.0	-0.4	0.0
7	-5.6	0.0	-5.6	0.0
8	32.9	0.0	32.9	0.0
8	22.4	0.0	22.4	0.0
9	20.8	0.0	20.8	0.0
10	8.0	0.0	8.0	0.0
11	9.9	0.0	9.9	0.0
12	21.0	0.0	20.9	0.0
HVAC1	30.6	0.0	30.6	0.0
HVAC2	25.6	0.0	25.6	0.0
HVAC3	22.2	0.0	22.2	0.0
HVAC4	20.1	0.0	20.1	0.0
HVAC5	18.9	0.0	18.9	0.0
HVAC6	17.2	0.0	17.2	0.0
HVAC7	13.7	0.0	13.7	0.0
Trash Compactor 1 five minute/1hr	-2.6	0.0	-2.6	0.0
Trash Compactor 2 five minute/1hr	-26.9	0.0	-26.9	0.0
Trash Compactor 3 five minute/1hr	-25.5	0.0	-25.5	0.0
Trash Compactor 4 five minute/1hr	-17.5	0.0	-22.1	0.0
Trash Compactor 5 five minute/1hr	-22.9	0.0	-22.9	0.0
6 2.Fl	39.6	0.0	39.3	0.0
1	5.8	0.0	5.8	0.0
1	34.8	0.0	34.3	0.0
2	11.7	0.0	11.7	0.0
2	18.6	0.0	18.6	0.0
3	15.4	0.0	15.4	0.0
3	5.4	0.0	5.4	0.0
4	-3.7	0.0	-3.6	0.0
4	23.1	0.0	21.3	0.0
5	16.6	0.0	16.6	0.0
5	26.2	0.0	25.9	0.0
6	-0.1	0.0	-0.1	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
6	24.1	0.0	24.0	0.0
7	0.0	0.0	0.1	0.0
7	-5.4	0.0	-5.4	0.0
8	33.6	0.0	33.6	0.0
8	25.1	0.0	25.1	0.0
9	21.6	0.0	21.6	0.0
10	8.1	0.0	8.1	0.0
11	10.1	0.0	10.1	0.0
12	21.0	0.0	20.9	0.0
HVAC1	30.8	0.0	30.8	0.0
HVAC2	25.8	0.0	25.8	0.0
HVAC3	22.4	0.0	22.4	0.0
HVAC4	19.9	0.0	19.9	0.0
HVAC5	19.0	0.0	19.0	0.0
HVAC6	17.3	0.0	17.3	0.0
HVAC7	15.5	0.0	15.5	0.0
Trash Compactor 1 five minute/1hr	-2.8	0.0	-2.8	0.0
Trash Compactor 2 five minute/1hr	-27.0	0.0	-27.0	0.0
Trash Compactor 3 five minute/1hr	-25.5	0.0	-25.5	0.0
Trash Compactor 4 five minute/1hr	-17.6	0.0	-17.6	0.0
Trash Compactor 5 five minute/1hr	-19.6	0.0	-19.6	0.0
7 1.Fl	32.9	0.0	32.9	0.0
1	5.2	0.0	5.4	0.0
1	22.8	0.0	22.8	0.0
2	11.1	0.0	11.3	0.0
2	12.7	0.0	12.7	0.0
3	9.8	0.0	9.8	0.0
3	4.5	0.0	4.5	0.0
4	-5.0	0.0	-5.0	0.0
4	13.7	0.0	13.7	0.0
5	14.7	0.0	14.7	0.0
5	19.8	0.0	19.7	0.0
6	-2.0	0.0	-2.0	0.0
6	14.2	0.0	14.2	0.0
7	-1.9	0.0	-1.9	0.0
7	-6.1	0.0	-6.2	0.0
8	28.0	0.0	28.0	0.0
8	6.8	0.0	6.7	0.0
9	12.9	0.0	12.9	0.0
10	-0.4	0.0	-0.3	0.0
11	7.5	0.0	7.5	0.0
12	19.6	0.0	19.6	0.0
HVAC1	26.6	0.0	26.6	0.0
HVAC2	23.1	0.0	23.1	0.0
HVAC3	20.5	0.0	20.5	0.0
HVAC4	6.6	0.0	6.6	0.0
HVAC5	5.5	0.0	5.5	0.0
HVAC6	4.5	0.0	4.4	0.0
HVAC7	-0.4	0.0	-0.5	0.0
Trash Compactor 1 five minute/1hr	-3.6	0.0	-3.6	0.0
Trash Compactor 2 five minute/1hr	-27.6	0.0	-27.6	0.0
Trash Compactor 3 five minute/1hr	-31.8	0.0	-31.8	0.0
Trash Compactor 4 five minute/1hr	-24.1	0.0	-24.2	0.0
Trash Compactor 5 five minute/1hr	-26.3	0.0	-26.3	0.0
7 2.Fl	34.7	0.0	34.7	0.0
1	5.1	0.0	5.3	0.0
1	25.2	0.0	25.2	0.0
2	11.0	0.0	11.2	0.0
2	15.8	0.0	15.6	0.0
3	10.0	0.0	10.0	0.0
3	4.4	0.0	4.4	0.0
4	-5.0	0.0	-5.0	0.0
4	15.7	0.0	15.7	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
5	15.4	0.0	15.4	0.0
5	20.9	0.0	20.9	0.0
6	-1.5	0.0	-1.5	0.0
6	16.7	0.0	16.7	0.0
7	-1.3	0.0	-1.3	0.0
7	-5.8	0.0	-5.8	0.0
8	30.4	0.0	30.4	0.0
8	8.0	0.0	8.0	0.0
9	14.7	0.0	14.7	0.0
10	0.3	0.0	0.4	0.0
11	7.9	0.0	7.9	0.0
12	20.0	0.0	20.0	0.0
HVAC1	28.1	0.0	28.1	0.0
HVAC2	24.2	0.0	24.2	0.0
HVAC3	21.2	0.0	21.2	0.0
HVAC4	10.2	0.0	10.2	0.0
HVAC5	10.0	0.0	10.0	0.0
HVAC6	8.9	0.0	8.9	0.0
HVAC7	4.2	0.0	4.2	0.0
Trash Compactor 1 five minute/1hr	-3.7	0.0	-3.7	0.0
Trash Compactor 2 five minute/1hr	-27.7	0.0	-27.7	0.0
Trash Compactor 3 five minute/1hr	-31.6	0.0	-31.6	0.0
Trash Compactor 4 five minute/1hr	-24.0	0.0	-24.1	0.0
Trash Compactor 5 five minute/1hr	-23.1	0.0	-23.1	0.0
8 1.Fl	35.7	0.0	35.2	0.0
1	0.3	0.0	0.3	0.0
1	29.8	0.0	28.3	0.0
2	5.2	0.0	5.2	0.0
2	23.7	0.0	23.5	0.0
3	10.3	0.0	10.3	0.0
3	-0.8	0.0	-0.8	0.0
4	-11.8	0.0	-11.8	0.0
4	29.9	0.0	29.7	0.0
5	8.6	0.0	8.6	0.0
5	20.5	0.0	19.8	0.0
6	-9.8	0.0	-9.8	0.0
6	17.7	0.0	17.7	0.0
7	-7.1	0.0	-7.1	0.0
7	-6.3	0.0	-6.2	0.0
8	26.4	0.0	26.4	0.0
8	20.3	0.0	16.7	0.0
9	19.1	0.0	19.0	0.0
10	2.4	0.0	2.5	0.0
11	12.7	0.0	13.0	0.0
12	16.3	0.0	16.3	0.0
HVAC1	26.8	0.0	26.8	0.0
HVAC2	11.2	0.0	11.2	0.0
HVAC3	8.9	0.0	8.9	0.0
HVAC4	18.5	0.0	18.5	0.0
HVAC5	17.3	0.0	17.3	0.0
HVAC6	16.3	0.0	16.3	0.0
HVAC7	14.6	0.0	14.6	0.0
Trash Compactor 1 five minute/1hr	-8.1	0.0	-8.1	0.0
Trash Compactor 2 five minute/1hr	-27.6	0.0	-27.6	0.0
Trash Compactor 3 five minute/1hr	-31.1	0.0	-31.1	0.0
Trash Compactor 4 five minute/1hr	-18.9	0.0	-18.9	0.0
Trash Compactor 5 five minute/1hr	-13.6	0.0	-13.6	0.0
8 2.Fl	37.6	0.0	37.0	0.0
1	0.4	0.0	0.4	0.0
1	31.5	0.0	30.0	0.0
2	5.7	0.0	5.7	0.0
2	25.7	0.0	25.0	0.0
3	10.5	0.0	10.4	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
3	-0.7	0.0	-0.7	0.0
4	-11.2	0.0	-11.2	0.0
4	30.8	0.0	29.9	0.0
5	12.6	0.0	12.6	0.0
5	24.2	0.0	23.0	0.0
6	-8.5	0.0	-8.5	0.0
6	19.5	0.0	19.5	0.0
7	-2.2	0.0	-2.2	0.0
7	-6.0	0.0	-6.1	0.0
8	30.6	0.0	30.5	0.0
8	21.1	0.0	20.0	0.0
9	20.1	0.0	20.1	0.0
10	2.8	0.0	2.9	0.0
11	13.7	0.0	13.2	0.0
12	20.2	0.0	20.2	0.0
HVAC1	27.7	0.0	27.7	0.0
HVAC2	18.8	0.0	18.8	0.0
HVAC3	15.7	0.0	15.7	0.0
HVAC4	19.0	0.0	19.0	0.0
HVAC5	17.3	0.0	17.3	0.0
HVAC6	16.4	0.0	16.4	0.0
HVAC7	14.7	0.0	14.7	0.0
Trash Compactor 1 five minute/1hr	-8.2	0.0	-8.2	0.0
Trash Compactor 2 five minute/1hr	-27.5	0.0	-27.5	0.0
Trash Compactor 3 five minute/1hr	-31.1	0.0	-31.1	0.0
Trash Compactor 4 five minute/1hr	-17.1	0.0	-18.9	0.0
Trash Compactor 5 five minute/1hr	-13.1	0.0	-13.1	0.0
9 1.Fl	39.1	0.0	39.1	0.0
1	3.0	0.0	3.2	0.0
1	32.3	0.0	32.3	0.0
2	8.3	0.0	8.9	0.0
2	33.6	0.0	33.3	0.0
3	11.1	0.0	11.1	0.0
3	0.6	0.0	0.6	0.0
4	-9.8	0.0	-9.8	0.0
4	32.5	0.0	32.5	0.0
5	10.3	0.0	10.3	0.0
5	21.0	0.0	21.1	0.0
6	-6.8	0.0	-6.8	0.0
6	17.9	0.0	17.9	0.0
7	-6.5	0.0	-6.5	0.0
7	0.5	0.0	0.5	0.0
8	26.5	0.0	26.5	0.0
8	10.6	0.0	10.7	0.0
9	18.9	0.0	18.9	0.0
10	2.6	0.0	2.6	0.0
11	11.4	0.0	11.4	0.0
12	16.5	0.0	16.5	0.0
HVAC1	29.5	0.0	29.5	0.0
HVAC2	25.3	0.0	25.3	0.0
HVAC3	22.1	0.0	22.1	0.0
HVAC4	19.1	0.0	19.1	0.0
HVAC5	17.9	0.0	17.9	0.0
HVAC6	16.3	0.0	16.3	0.0
HVAC7	14.7	0.0	14.7	0.0
Trash Compactor 1 five minute/1hr	-7.0	0.0	-7.0	0.0
Trash Compactor 2 five minute/1hr	-26.9	0.0	-26.9	0.0
Trash Compactor 3 five minute/1hr	-30.8	0.0	-30.8	0.0
Trash Compactor 4 five minute/1hr	-19.5	0.0	-19.5	0.0
Trash Compactor 5 five minute/1hr	-10.9	0.0	-11.3	0.0
9 2.Fl	40.7	0.0	40.6	0.0
1	6.8	0.0	6.9	0.0
1	33.0	0.0	33.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
2	12.4	0.0	12.6	0.0
2	34.0	0.0	33.9	0.0
3	11.3	0.0	11.3	0.0
3	5.2	0.0	5.2	0.0
4	-4.9	0.0	-4.9	0.0
4	32.6	0.0	32.6	0.0
5	15.5	0.0	15.5	0.0
5	24.6	0.0	24.6	0.0
6	-1.5	0.0	-1.5	0.0
6	20.6	0.0	20.6	0.0
7	-1.3	0.0	-1.3	0.0
7	0.5	0.0	0.5	0.0
8	31.5	0.0	31.5	0.0
8	15.7	0.0	15.7	0.0
9	21.0	0.0	21.0	0.0
10	3.5	0.0	3.5	0.0
11	11.5	0.0	11.5	0.0
12	21.0	0.0	21.0	0.0
HVAC1	33.2	0.0	33.2	0.0
HVAC2	27.5	0.0	27.5	0.0
HVAC3	23.7	0.0	23.7	0.0
HVAC4	19.9	0.0	19.9	0.0
HVAC5	17.9	0.0	17.9	0.0
HVAC6	16.3	0.0	16.3	0.0
HVAC7	14.7	0.0	14.7	0.0
Trash Compactor 1 five minute/1hr	-2.4	0.0	-2.4	0.0
Trash Compactor 2 five minute/1hr	-26.8	0.0	-26.8	0.0
Trash Compactor 3 five minute/1hr	-30.6	0.0	-30.6	0.0
Trash Compactor 4 five minute/1hr	-19.5	0.0	-19.5	0.0
Trash Compactor 5 five minute/1hr	-10.9	0.0	-10.9	0.0
10 1.Fl	32.7	0.0	32.7	0.0
1	4.2	0.0	4.1	0.0
1	20.0	0.0	19.6	0.0
2	9.3	0.0	9.3	0.0
2	19.7	0.0	18.7	0.0
3	11.5	0.0	11.5	0.0
3	1.0	0.0	1.0	0.0
4	-9.9	0.0	-10.0	0.0
4	18.1	0.0	18.0	0.0
5	8.9	0.0	8.9	0.0
5	19.9	0.0	19.8	0.0
6	-7.8	0.0	-7.8	0.0
6	15.3	0.0	15.3	0.0
7	-7.6	0.0	-7.6	0.0
7	-5.8	0.0	-6.0	0.0
8	24.3	0.0	24.2	0.0
8	8.0	0.0	8.0	0.0
9	15.8	0.0	15.8	0.0
10	1.7	0.0	1.7	0.0
11	8.3	0.0	8.2	0.0
12	14.1	0.0	14.0	0.0
HVAC1	27.4	0.0	27.4	0.0
HVAC2	25.2	0.0	25.2	0.0
HVAC3	22.9	0.0	22.9	0.0
HVAC4	9.9	0.0	9.9	0.0
HVAC5	9.0	0.0	9.0	0.0
HVAC6	8.2	0.0	8.2	0.0
HVAC7	7.4	0.0	7.4	0.0
Trash Compactor 1 five minute/1hr	-6.1	0.0	-6.1	0.0
Trash Compactor 2 five minute/1hr	-26.3	0.0	-26.3	0.0
Trash Compactor 3 five minute/1hr	-30.7	0.0	-30.7	0.0
Trash Compactor 4 five minute/1hr	-23.3	0.0	-23.4	0.0
Trash Compactor 5 five minute/1hr	-19.6	0.0	-19.9	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
10	2.Fl	34.9	0.0	34.9	0.0
1		4.1	0.0	4.0	0.0
1		20.8	0.0	20.8	0.0
2		9.3	0.0	9.3	0.0
2		23.1	0.0	23.1	0.0
3		11.6	0.0	11.6	0.0
3		1.0	0.0	1.0	0.0
4		-9.7	0.0	-9.7	0.0
4		21.2	0.0	21.2	0.0
5		9.7	0.0	9.7	0.0
5		19.8	0.0	19.8	0.0
6		-7.2	0.0	-7.2	0.0
6		17.2	0.0	17.2	0.0
7		-6.9	0.0	-6.9	0.0
7		-5.5	0.0	-5.5	0.0
8		25.4	0.0	25.4	0.0
8		8.9	0.0	8.9	0.0
9		17.7	0.0	17.7	0.0
10		2.5	0.0	2.5	0.0
11		8.4	0.0	8.4	0.0
12		15.4	0.0	15.4	0.0
HVAC1		30.7	0.0	30.7	0.0
HVAC2		26.8	0.0	26.8	0.0
HVAC3		23.3	0.0	23.3	0.0
HVAC4		14.5	0.0	14.5	0.0
HVAC5		14.4	0.0	14.4	0.0
HVAC6		13.9	0.0	13.9	0.0
HVAC7		13.0	0.0	13.0	0.0
Trash Compactor 1 five minute/1hr		-6.2	0.0	-6.2	0.0
Trash Compactor 2 five minute/1hr		-26.3	0.0	-26.3	0.0
Trash Compactor 3 five minute/1hr		-30.5	0.0	-30.5	0.0
Trash Compactor 4 five minute/1hr		-23.3	0.0	-23.3	0.0
Trash Compactor 5 five minute/1hr		-16.1	0.0	-16.1	0.0
11	1.Fl	31.5	0.0	31.5	0.0
1		5.2	0.0	4.9	0.0
1		19.4	0.0	19.4	0.0
2		10.2	0.0	9.9	0.0
2		16.4	0.0	16.3	0.0
3		11.8	0.0	11.8	0.0
3		1.6	0.0	1.6	0.0
4		-9.8	0.0	-9.8	0.0
4		15.6	0.0	15.6	0.0
5		8.3	0.0	8.3	0.0
5		20.4	0.0	20.4	0.0
6		-8.2	0.0	-8.2	0.0
6		14.5	0.0	14.5	0.0
7		-8.0	0.0	-8.0	0.0
7		-6.0	0.0	-6.0	0.0
8		23.4	0.0	23.4	0.0
8		7.5	0.0	7.5	0.0
9		14.7	0.0	14.7	0.0
10		1.5	0.0	1.5	0.0
11		8.0	0.0	8.0	0.0
12		13.0	0.0	13.0	0.0
HVAC1		25.6	0.0	25.5	0.0
HVAC2		23.8	0.0	23.8	0.0
HVAC3		22.4	0.0	22.4	0.0
HVAC4		7.2	0.0	7.2	0.0
HVAC5		5.9	0.0	5.9	0.0
HVAC6		4.8	0.0	4.8	0.0
HVAC7		3.8	0.0	3.8	0.0
Trash Compactor 1 five minute/1hr		-5.1	0.0	-5.1	0.0
Trash Compactor 2 five minute/1hr		-25.8	0.0	-25.8	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
Trash Compactor 3 five minute/1hr	-30.5	0.0	-30.5	0.0
Trash Compactor 4 five minute/1hr	-23.6	0.0	-23.7	0.0
Trash Compactor 5 five minute/1hr	-23.5	0.0	-23.5	0.0
11 2.Fl	33.8	0.0	33.8	0.0
1	5.1	0.0	5.4	0.0
1	19.9	0.0	19.9	0.0
2	10.2	0.0	10.9	0.0
2	19.6	0.0	19.6	0.0
3	12.0	0.0	12.0	0.0
3	1.6	0.0	1.6	0.0
4	-9.5	0.0	-9.5	0.0
4	17.9	0.0	17.9	0.0
5	9.2	0.0	9.2	0.0
5	20.4	0.0	20.4	0.0
6	-7.5	0.0	-7.5	0.0
6	16.4	0.0	16.4	0.0
7	-7.2	0.0	-7.2	0.0
7	-6.0	0.0	-6.0	0.0
8	24.5	0.0	24.5	0.0
8	8.2	0.0	8.1	0.0
9	16.8	0.0	16.8	0.0
10	2.5	0.0	2.5	0.0
11	8.3	0.0	8.2	0.0
12	14.4	0.0	14.4	0.0
HVAC1	29.0	0.0	29.0	0.0
HVAC2	26.8	0.0	26.8	0.0
HVAC3	24.2	0.0	24.2	0.0
HVAC4	10.9	0.0	10.9	0.0
HVAC5	10.1	0.0	10.1	0.0
HVAC6	9.4	0.0	9.4	0.0
HVAC7	8.6	0.0	8.6	0.0
Trash Compactor 1 five minute/1hr	-5.2	0.0	-5.2	0.0
Trash Compactor 2 five minute/1hr	-25.8	0.0	-25.8	0.0
Trash Compactor 3 five minute/1hr	-30.2	0.0	-30.2	0.0
Trash Compactor 4 five minute/1hr	-23.6	0.0	-23.6	0.0
Trash Compactor 5 five minute/1hr	-20.6	0.0	-20.6	0.0
12 1.Fl	30.4	0.0	30.4	0.0
1	6.4	0.0	5.4	0.0
1	19.3	0.0	19.3	0.0
2	11.7	0.0	10.3	0.0
2	14.3	0.0	14.2	0.0
3	12.2	0.0	12.2	0.0
3	2.4	0.0	2.4	0.0
4	-9.5	0.0	-9.5	0.0
4	13.6	0.0	13.6	0.0
5	7.8	0.0	7.8	0.0
5	20.8	0.0	20.8	0.0
6	-8.4	0.0	-8.4	0.0
6	13.8	0.0	13.8	0.0
7	-8.3	0.0	-8.3	0.0
7	-6.1	0.0	-6.1	0.0
8	22.6	0.0	22.6	0.0
8	7.0	0.0	7.0	0.0
9	13.5	0.0	13.5	0.0
10	1.1	0.0	1.1	0.0
11	7.8	0.0	7.8	0.0
12	12.1	0.0	12.0	0.0
HVAC1	23.6	0.0	23.6	0.0
HVAC2	22.4	0.0	22.4	0.0
HVAC3	20.9	0.0	20.9	0.0
HVAC4	5.2	0.0	5.2	0.0
HVAC5	3.5	0.0	3.5	0.0
HVAC6	2.2	0.0	2.2	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
HVAC7	1.0	0.0	1.0	0.0
Trash Compactor 1 five minute/1hr	-4.1	0.0	-4.1	0.0
Trash Compactor 2 five minute/1hr	-25.3	0.0	-25.3	0.0
Trash Compactor 3 five minute/1hr	-30.4	0.0	-30.4	0.0
Trash Compactor 4 five minute/1hr	-24.0	0.0	-24.0	0.0
Trash Compactor 5 five minute/1hr	-27.7	0.0	-27.7	0.0
12 2.Fl	32.3	0.0	32.3	0.0
1	6.3	0.0	6.2	0.0
1	19.7	0.0	19.7	0.0
2	11.6	0.0	11.3	0.0
2	16.8	0.0	16.8	0.0
3	12.4	0.0	12.4	0.0
3	2.4	0.0	2.4	0.0
4	-9.2	0.0	-9.2	0.0
4	14.3	0.0	14.3	0.0
5	8.7	0.0	8.7	0.0
5	20.8	0.0	20.8	0.0
6	-7.7	0.0	-7.7	0.0
6	15.5	0.0	15.5	0.0
7	-7.5	0.0	-7.5	0.0
7	-6.0	0.0	-6.0	0.0
8	23.7	0.0	23.7	0.0
8	7.6	0.0	7.6	0.0
9	15.6	0.0	15.6	0.0
10	2.3	0.0	2.3	0.0
11	8.1	0.0	8.1	0.0
12	13.4	0.0	13.4	0.0
HVAC1	26.5	0.0	26.5	0.0
HVAC2	25.3	0.0	25.3	0.0
HVAC3	23.5	0.0	23.5	0.0
HVAC4	8.1	0.0	8.1	0.0
HVAC5	6.7	0.0	6.7	0.0
HVAC6	5.7	0.0	5.7	0.0
HVAC7	4.7	0.0	4.7	0.0
Trash Compactor 1 five minute/1hr	-4.2	0.0	-4.2	0.0
Trash Compactor 2 five minute/1hr	-25.2	0.0	-25.2	0.0
Trash Compactor 3 five minute/1hr	-30.0	0.0	-30.0	0.0
Trash Compactor 4 five minute/1hr	-23.8	0.0	-23.8	0.0
Trash Compactor 5 five minute/1hr	-26.3	0.0	-26.3	0.0
13 1.Fl	30.8	0.0	30.8	0.0
1	7.0	0.0	6.6	0.0
1	19.3	0.0	19.3	0.0
2	12.1	0.0	11.6	0.0
2	14.0	0.0	14.0	0.0
3	12.6	0.0	12.6	0.0
3	3.1	0.0	3.1	0.0
4	-9.0	0.0	-9.0	0.0
4	13.1	0.0	13.1	0.0
5	8.2	0.0	8.2	0.0
5	20.7	0.0	20.7	0.0
6	-8.0	0.0	-8.0	0.0
6	14.6	0.0	14.6	0.0
7	-7.8	0.0	-7.8	0.0
7	-6.2	0.0	-6.2	0.0
8	22.8	0.0	22.8	0.0
8	6.7	0.0	6.7	0.0
9	14.3	0.0	14.3	0.0
10	1.9	0.0	1.9	0.0
11	7.8	0.0	7.8	0.0
12	12.5	0.0	12.5	0.0
HVAC1	23.6	0.0	23.6	0.0
HVAC2	23.7	0.0	23.7	0.0
HVAC3	21.9	0.0	21.9	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
HVAC4		5.7	0.0	5.7	0.0
HVAC5		4.1	0.0	4.1	0.0
HVAC6		2.9	0.0	2.9	0.0
HVAC7		1.7	0.0	1.7	0.0
Trash Compactor 1 five minute/1hr		-3.3	0.0	-3.3	0.0
Trash Compactor 2 five minute/1hr		-24.8	0.0	-24.8	0.0
Trash Compactor 3 five minute/1hr		-29.8	0.0	-29.8	0.0
Trash Compactor 4 five minute/1hr		-24.2	0.0	-24.2	0.0
Trash Compactor 5 five minute/1hr		-28.8	0.0	-28.8	0.0
13	2.Fl	32.9	0.0	32.9	0.0
1		7.8	0.0	7.9	0.0
1		19.7	0.0	19.7	0.0
2		13.2	0.0	13.0	0.0
2		16.5	0.0	16.5	0.0
3		12.9	0.0	12.9	0.0
3		3.3	0.0	3.3	0.0
4		-8.6	0.0	-8.6	0.0
4		13.5	0.0	13.5	0.0
5		9.1	0.0	9.1	0.0
5		20.7	0.0	20.7	0.0
6		-7.3	0.0	-7.3	0.0
6		16.5	0.0	16.5	0.0
7		-7.0	0.0	-7.0	0.0
7		-6.2	0.0	-6.2	0.0
8		23.9	0.0	23.9	0.0
8		7.3	0.0	7.3	0.0
9		16.6	0.0	16.6	0.0
10		3.3	0.0	3.3	0.0
11		8.1	0.0	8.1	0.0
12		13.8	0.0	13.8	0.0
HVAC1		26.5	0.0	26.5	0.0
HVAC2		26.6	0.0	26.6	0.0
HVAC3		24.6	0.0	24.6	0.0
HVAC4		8.7	0.0	8.7	0.0
HVAC5		7.5	0.0	7.5	0.0
HVAC6		6.5	0.0	6.5	0.0
HVAC7		5.6	0.0	5.6	0.0
Trash Compactor 1 five minute/1hr		-3.2	0.0	-3.2	0.0
Trash Compactor 2 five minute/1hr		-24.6	0.0	-24.6	0.0
Trash Compactor 3 five minute/1hr		-29.3	0.0	-29.3	0.0
Trash Compactor 4 five minute/1hr		-24.1	0.0	-24.1	0.0
Trash Compactor 5 five minute/1hr		-27.9	0.0	-27.9	0.0
14	1.Fl	31.6	0.0	31.6	0.0
1		9.6	0.0	9.4	0.0
1		19.3	0.0	19.3	0.0
2		14.6	0.0	14.2	0.0
2		14.4	0.0	14.4	0.0
3		13.2	0.0	13.2	0.0
3		4.1	0.0	4.1	0.0
4		-8.3	0.0	-8.3	0.0
4		12.7	0.0	12.7	0.0
5		8.9	0.0	8.9	0.0
5		20.5	0.0	20.5	0.0
6		-7.4	0.0	-7.4	0.0
6		15.7	0.0	15.7	0.0
7		-7.2	0.0	-7.2	0.0
7		-6.3	0.0	-6.3	0.0
8		23.2	0.0	23.2	0.0
8		6.5	0.0	6.5	0.0
9		15.7	0.0	15.7	0.0
10		3.3	0.0	3.3	0.0
11		7.9	0.0	7.9	0.0
12		13.1	0.0	13.1	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
HVAC1	23.9	0.0	23.9	0.0
HVAC2	25.2	0.0	25.2	0.0
HVAC3	23.6	0.0	23.6	0.0
HVAC4	6.8	0.0	6.8	0.0
HVAC5	5.3	0.0	5.3	0.0
HVAC6	4.2	0.0	4.2	0.0
HVAC7	3.1	0.0	3.1	0.0
Trash Compactor 1 five minute/1hr	-2.4	0.0	-2.4	0.0
Trash Compactor 2 five minute/1hr	-24.3	0.0	-24.3	0.0
Trash Compactor 3 five minute/1hr	-28.8	0.0	-28.8	0.0
Trash Compactor 4 five minute/1hr	-24.5	0.0	-24.5	0.0
Trash Compactor 5 five minute/1hr	-29.5	0.0	-29.5	0.0
14 2.Fl	34.0	0.0	34.0	0.0
1	10.1	0.0	10.4	0.0
1	19.8	0.0	19.8	0.0
2	15.3	0.0	16.1	0.0
2	17.1	0.0	17.1	0.0
3	13.7	0.0	13.7	0.0
3	4.3	0.0	4.3	0.0
4	-7.9	0.0	-7.9	0.0
4	12.9	0.0	12.9	0.0
5	9.8	0.0	9.8	0.0
5	20.5	0.0	20.5	0.0
6	-6.6	0.0	-6.6	0.0
6	18.2	0.0	18.2	0.0
7	-6.3	0.0	-6.3	0.0
7	-6.2	0.0	-6.2	0.0
8	24.5	0.0	24.5	0.0
8	7.3	0.0	7.3	0.0
9	18.4	0.0	18.4	0.0
10	5.0	0.0	5.0	0.0
11	8.2	0.0	8.2	0.0
12	14.4	0.0	14.4	0.0
HVAC1	27.0	0.0	27.0	0.0
HVAC2	28.5	0.0	28.5	0.0
HVAC3	26.6	0.0	26.6	0.0
HVAC4	10.1	0.0	10.1	0.0
HVAC5	9.2	0.0	9.2	0.0
HVAC6	8.4	0.0	8.4	0.0
HVAC7	7.6	0.0	7.6	0.0
Trash Compactor 1 five minute/1hr	-2.3	0.0	-2.3	0.0
Trash Compactor 2 five minute/1hr	-24.2	0.0	-24.2	0.0
Trash Compactor 3 five minute/1hr	-28.0	0.0	-28.0	0.0
Trash Compactor 4 five minute/1hr	-24.4	0.0	-24.4	0.0
Trash Compactor 5 five minute/1hr	-28.9	0.0	-28.9	0.0
16 1.Fl	31.4	0.0	31.3	0.0
1	14.1	0.0	12.3	0.0
1	18.6	0.0	18.6	0.0
2	20.8	0.0	19.2	0.0
2	13.2	0.0	13.2	0.0
3	14.4	0.0	14.4	0.0
3	5.5	0.0	5.5	0.0
4	-7.6	0.0	-7.6	0.0
4	11.8	0.0	11.8	0.0
5	9.2	0.0	9.2	0.0
5	19.5	0.0	19.5	0.0
6	-6.9	0.0	-6.9	0.0
6	16.2	0.0	16.2	0.0
7	-6.9	0.0	-6.9	0.0
7	-6.5	0.0	-6.5	0.0
8	22.9	0.0	22.9	0.0
8	5.5	0.0	5.5	0.0
9	16.2	0.0	16.2	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
10		4.8	0.0	4.8	0.0
11		7.8	0.0	7.8	0.0
12		13.2	0.0	13.2	0.0
HVAC1		22.1	0.0	22.1	0.0
HVAC2		24.0	0.0	24.0	0.0
HVAC3		24.3	0.0	24.3	0.0
HVAC4		6.1	0.0	6.1	0.0
HVAC5		4.6	0.0	4.6	0.0
HVAC6		3.4	0.0	3.4	0.0
HVAC7		2.3	0.0	2.3	0.0
Trash Compactor 1 five minute/1hr		-1.6	0.0	-1.6	0.0
Trash Compactor 2 five minute/1hr		-24.0	0.0	-24.0	0.0
Trash Compactor 3 five minute/1hr		-26.6	0.0	-26.6	0.0
Trash Compactor 4 five minute/1hr		-25.3	0.0	-25.3	0.0
Trash Compactor 5 five minute/1hr		-30.8	0.0	-30.8	0.0
16	2.Fl	33.6	0.0	33.5	0.0
1		14.7	0.0	13.4	0.0
1		19.2	0.0	19.2	0.0
2		21.4	0.0	19.9	0.0
2		15.4	0.0	15.4	0.0
3		15.8	0.0	15.8	0.0
3		5.7	0.0	5.7	0.0
4		-7.1	0.0	-7.1	0.0
4		12.0	0.0	12.0	0.0
5		10.2	0.0	10.2	0.0
5		19.5	0.0	19.5	0.0
6		-6.0	0.0	-6.0	0.0
6		18.7	0.0	18.7	0.0
7		-6.0	0.0	-6.0	0.0
7		-6.5	0.0	-6.5	0.0
8		24.1	0.0	24.1	0.0
8		6.4	0.0	6.4	0.0
9		19.0	0.0	19.0	0.0
10		7.3	0.0	7.3	0.0
11		8.1	0.0	8.1	0.0
12		14.5	0.0	14.5	0.0
HVAC1		24.9	0.0	24.9	0.0
HVAC2		27.1	0.0	27.1	0.0
HVAC3		27.4	0.0	27.4	0.0
HVAC4		9.3	0.0	9.3	0.0
HVAC5		8.2	0.0	8.2	0.0
HVAC6		7.4	0.0	7.4	0.0
HVAC7		6.5	0.0	6.5	0.0
Trash Compactor 1 five minute/1hr		-1.5	0.0	-1.5	0.0
Trash Compactor 2 five minute/1hr		-23.8	0.0	-23.8	0.0
Trash Compactor 3 five minute/1hr		-24.9	0.0	-24.9	0.0
Trash Compactor 4 five minute/1hr		-25.1	0.0	-25.1	0.0
Trash Compactor 5 five minute/1hr		-30.5	0.0	-30.5	0.0
17	1.Fl	32.0	0.0	30.4	0.0
1		19.5	0.0	16.6	0.0
1		17.5	0.0	17.5	0.0
2		28.7	0.0	24.9	0.0
2		11.1	0.0	11.0	0.0
3		14.0	0.0	14.0	0.0
3		6.1	0.0	6.1	0.0
4		-7.6	0.0	-7.6	0.0
4		11.2	0.0	11.2	0.0
5		8.8	0.0	8.8	0.0
5		18.5	0.0	18.5	0.0
6		-7.0	0.0	-7.0	0.0
6		14.5	0.0	14.5	0.0
7		-7.4	0.0	-7.4	0.0
7		-6.7	0.0	-6.7	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
8		21.6	0.0	21.6	0.0
8		4.1	0.0	4.1	0.0
9		13.6	0.0	13.5	0.0
10		3.9	0.0	3.9	0.0
11		7.5	0.0	7.4	0.0
12		12.4	0.0	12.3	0.0
HVAC1		18.6	0.0	18.6	0.0
HVAC2		20.0	0.0	20.0	0.0
HVAC3		21.9	0.0	21.8	0.0
HVAC4		3.0	0.0	3.0	0.0
HVAC5		1.3	0.0	1.3	0.0
HVAC6		-0.1	0.0	-0.1	0.0
HVAC7		-1.4	0.0	-1.4	0.0
Trash Compactor 1 five minute/1hr		-1.7	0.0	-1.7	0.0
Trash Compactor 2 five minute/1hr		-23.9	0.0	-23.9	0.0
Trash Compactor 3 five minute/1hr		-26.0	0.0	-26.1	0.0
Trash Compactor 4 five minute/1hr		-26.1	0.0	-26.1	0.0
Trash Compactor 5 five minute/1hr		-31.6	0.0	-31.6	0.0
18	1.Fl	43.7	0.0	43.7	0.0
1		38.9	0.0	38.9	0.0
1		16.2	0.0	16.2	0.0
2		41.3	0.0	41.2	0.0
2		9.9	0.0	9.9	0.0
3		17.1	0.0	17.1	0.0
3		7.2	0.0	7.1	0.0
4		-8.2	0.0	-8.2	0.0
4		10.4	0.0	10.4	0.0
5		17.0	0.0	17.1	0.0
5		16.7	0.0	16.7	0.0
6		-6.6	0.0	-6.6	0.0
6		30.5	0.0	30.5	0.0
7		-7.7	0.0	-7.7	0.0
7		-7.1	0.0	-7.1	0.0
8		20.7	0.0	20.7	0.0
8		2.8	0.0	2.8	0.0
9		23.1	0.0	23.1	0.0
10		11.1	0.0	11.1	0.0
11		7.4	0.0	7.4	0.0
12		25.8	0.0	25.8	0.0
HVAC1		17.0	0.0	17.0	0.0
HVAC2		17.7	0.0	17.7	0.0
HVAC3		19.5	0.0	19.5	0.0
HVAC4		1.6	0.0	1.6	0.0
HVAC5		-0.1	0.0	-0.1	0.0
HVAC6		-1.5	0.0	-1.5	0.0
HVAC7		-1.8	0.0	-1.8	0.0
Trash Compactor 1 five minute/1hr		-2.6	0.0	-2.6	0.0
Trash Compactor 2 five minute/1hr		-23.4	0.0	-23.4	0.0
Trash Compactor 3 five minute/1hr		-20.0	0.0	-20.0	0.0
Trash Compactor 4 five minute/1hr		-27.3	0.0	-27.3	0.0
Trash Compactor 5 five minute/1hr		-32.4	0.0	-32.4	0.0
18	2.Fl	44.6	0.0	44.6	0.0
1		39.9	0.0	39.9	0.0
1		16.6	0.0	16.6	0.0
2		42.1	0.0	42.1	0.0
2		10.7	0.0	10.7	0.0
3		21.4	0.0	21.4	0.0
3		7.6	0.0	7.5	0.0
4		-7.7	0.0	-7.7	0.0
4		10.4	0.0	10.4	0.0
5		18.1	0.0	18.1	0.0
5		16.7	0.0	16.7	0.0
6		-6.0	0.0	-6.0	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
6		31.0	0.0	31.0	0.0
7		-7.0	0.0	-7.0	0.0
7		-7.1	0.0	-7.1	0.0
8		21.6	0.0	21.6	0.0
8		3.3	0.0	3.3	0.0
9		23.6	0.0	23.6	0.0
10		13.2	0.0	13.2	0.0
11		7.6	0.0	7.6	0.0
12		26.9	0.0	26.9	0.0
HVAC1		19.0	0.0	19.0	0.0
HVAC2		19.7	0.0	19.7	0.0
HVAC3		21.4	0.0	21.4	0.0
HVAC4		3.8	0.0	3.8	0.0
HVAC5		2.4	0.0	2.4	0.0
HVAC6		0.8	0.0	0.8	0.0
HVAC7		0.6	0.0	0.6	0.0
Trash Compactor 1 five minute/1hr		-2.8	0.0	-2.8	0.0
Trash Compactor 2 five minute/1hr		-23.3	0.0	-23.3	0.0
Trash Compactor 3 five minute/1hr		-15.9	0.0	-15.9	0.0
Trash Compactor 4 five minute/1hr		-27.2	0.0	-27.2	0.0
Trash Compactor 5 five minute/1hr		-32.2	0.0	-32.2	0.0
19	1.Fl	43.0	0.0	42.9	0.0
1		36.6	0.0	36.6	0.0
1		15.9	0.0	15.9	0.0
2		40.3	0.0	40.2	0.0
2		11.3	0.0	11.3	0.0
3		31.5	0.0	31.5	0.0
3		7.4	0.0	7.7	0.0
4		-8.0	0.0	-8.1	0.0
4		10.0	0.0	10.0	0.0
5		19.6	0.0	19.6	0.0
5		15.6	0.0	15.6	0.0
6		-5.1	0.0	-4.8	0.0
6		32.6	0.0	32.7	0.0
7		-6.7	0.0	-6.6	0.0
7		-7.2	0.0	-7.2	0.0
8		22.3	0.0	22.4	0.0
8		2.5	0.0	2.5	0.0
9		23.6	0.0	23.6	0.0
10		14.7	0.0	14.7	0.0
11		8.6	0.0	8.6	0.0
12		27.7	0.0	27.3	0.0
HVAC1		16.7	0.0	16.7	0.0
HVAC2		17.1	0.0	17.1	0.0
HVAC3		20.9	0.0	20.9	0.0
HVAC4		6.5	0.0	6.5	0.0
HVAC5		7.5	0.0	7.5	0.0
HVAC6		8.4	0.0	8.4	0.0
HVAC7		9.6	0.0	9.6	0.0
Trash Compactor 1 five minute/1hr		-3.5	0.0	-3.5	0.0
Trash Compactor 2 five minute/1hr		-22.6	0.0	-22.6	0.0
Trash Compactor 3 five minute/1hr		-12.6	0.0	-12.6	0.0
Trash Compactor 4 five minute/1hr		-27.7	0.0	-27.7	0.0
Trash Compactor 5 five minute/1hr		-31.9	0.0	-31.9	0.0
19	2.Fl	43.4	0.0	43.5	0.0
1		37.1	0.0	37.1	0.0
1		16.4	0.0	16.4	0.0
2		40.7	0.0	40.7	0.0
2		12.4	0.0	12.4	0.0
3		31.5	0.0	31.5	0.0
3		7.8	0.0	8.3	0.0
4		-7.5	0.0	-7.4	0.0
4		10.0	0.0	10.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
5	20.3	0.0	20.3	0.0
5	15.7	0.0	15.6	0.0
6	-4.9	0.0	-4.7	0.0
6	33.2	0.0	33.1	0.0
7	-5.8	0.0	-5.8	0.0
7	-7.2	0.0	-7.2	0.0
8	23.0	0.0	23.1	0.0
8	3.3	0.0	3.3	0.0
9	24.0	0.0	24.0	0.0
10	14.5	0.0	14.4	0.0
11	8.9	0.0	8.9	0.0
12	27.7	0.0	28.2	0.0
HVAC1	18.6	0.0	18.6	0.0
HVAC2	19.1	0.0	19.1	0.0
HVAC3	22.8	0.0	22.8	0.0
HVAC4	8.6	0.0	8.6	0.0
HVAC5	10.0	0.0	10.0	0.0
HVAC6	10.8	0.0	10.8	0.0
HVAC7	11.7	0.0	11.7	0.0
Trash Compactor 1 five minute/1hr	-3.6	0.0	-3.6	0.0
Trash Compactor 2 five minute/1hr	-22.6	0.0	-22.6	0.0
Trash Compactor 3 five minute/1hr	-13.0	0.0	-13.0	0.0
Trash Compactor 4 five minute/1hr	-27.7	0.0	-27.7	0.0
Trash Compactor 5 five minute/1hr	-31.9	0.0	-31.9	0.0
20 1.Fl	36.1	0.0	31.3	0.0
1	29.0	0.0	24.4	0.0
1	14.8	0.0	14.4	0.0
2	32.5	0.0	27.7	0.0
2	9.9	0.0	9.2	0.0
3	25.8	0.0	18.1	0.0
3	4.8	0.0	4.2	0.0
4	-8.9	0.0	-9.4	0.0
4	9.3	0.0	9.3	0.0
5	17.3	0.0	10.7	0.0
5	14.2	0.0	14.2	0.0
6	-6.0	0.0	-7.6	0.0
6	24.7	0.0	18.5	0.0
7	-7.7	0.0	-8.7	0.0
7	-8.0	0.0	-8.1	0.0
8	21.9	0.0	20.3	0.0
8	0.8	0.0	0.6	0.0
9	19.8	0.0	13.8	0.0
10	11.3	0.0	8.6	0.0
11	8.1	0.0	7.4	0.0
12	23.9	0.0	18.2	0.0
HVAC1	14.4	0.0	7.7	0.0
HVAC2	16.3	0.0	9.7	0.0
HVAC3	16.4	0.0	13.7	0.0
HVAC4	4.5	0.0	1.8	0.0
HVAC5	3.8	0.0	0.5	0.0
HVAC6	10.7	0.0	0.6	0.0
HVAC7	10.4	0.0	-1.0	0.0
Trash Compactor 1 five minute/1hr	-4.8	0.0	-5.0	0.0
Trash Compactor 2 five minute/1hr	-23.2	0.0	-24.2	0.0
Trash Compactor 3 five minute/1hr	-18.1	0.0	-21.8	0.0
Trash Compactor 4 five minute/1hr	-28.2	0.0	-28.3	0.0
Trash Compactor 5 five minute/1hr	-32.4	0.0	-32.7	0.0
20 2.Fl	41.9	0.0	37.3	0.0
1	33.8	0.0	29.9	0.0
1	16.2	0.0	15.6	0.0
2	37.6	0.0	33.2	0.0
2	12.7	0.0	10.6	0.0
3	34.4	0.0	27.7	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
3	7.8	0.0	4.3	0.0
4	-7.9	0.0	-9.1	0.0
4	9.5	0.0	9.5	0.0
5	21.8	0.0	17.2	0.0
5	14.5	0.0	14.4	0.0
6	-2.4	0.0	-6.0	0.0
6	34.0	0.0	27.8	0.0
7	-5.9	0.0	-7.7	0.0
7	-7.2	0.0	-7.4	0.0
8	25.3	0.0	22.5	0.0
8	3.7	0.0	2.0	0.0
9	23.4	0.0	21.3	0.0
10	14.7	0.0	12.4	0.0
11	9.4	0.0	8.0	0.0
12	28.7	0.0	24.5	0.0
HVAC1	16.2	0.0	16.2	0.0
HVAC2	18.0	0.0	18.0	0.0
HVAC3	23.4	0.0	23.3	0.0
HVAC4	10.2	0.0	5.6	0.0
HVAC5	12.0	0.0	5.1	0.0
HVAC6	15.7	0.0	12.1	0.0
HVAC7	14.1	0.0	10.5	0.0
Trash Compactor 1 five minute/1hr	-4.1	0.0	-5.1	0.0
Trash Compactor 2 five minute/1hr	-19.3	0.0	-23.7	0.0
Trash Compactor 3 five minute/1hr	-11.5	0.0	-15.0	0.0
Trash Compactor 4 five minute/1hr	-28.0	0.0	-28.2	0.0
Trash Compactor 5 five minute/1hr	-32.0	0.0	-32.4	0.0
21 1.Fl	38.6	0.0	33.7	0.0
1	29.1	0.0	26.0	0.0
1	16.1	0.0	14.6	0.0
2	32.7	0.0	29.3	0.0
2	14.0	0.0	10.2	0.0
3	31.4	0.0	23.6	0.0
3	8.1	0.0	4.4	0.0
4	-8.3	0.0	-9.6	0.0
4	9.1	0.0	9.0	0.0
5	21.6	0.0	15.2	0.0
5	13.6	0.0	13.5	0.0
6	3.4	0.0	-3.2	0.0
6	31.2	0.0	23.1	0.0
7	-5.8	0.0	-8.2	0.0
7	-7.4	0.0	-7.7	0.0
8	27.3	0.0	22.5	0.0
8	4.0	0.0	1.6	0.0
9	23.0	0.0	17.7	0.0
10	12.8	0.0	11.2	0.0
11	9.5	0.0	7.8	0.0
12	26.7	0.0	22.4	0.0
HVAC1	16.1	0.0	16.1	0.0
HVAC2	18.6	0.0	12.4	0.0
HVAC3	23.4	0.0	17.5	0.0
HVAC4	11.2	0.0	4.7	0.0
HVAC5	16.9	0.0	7.0	0.0
HVAC6	15.4	0.0	5.7	0.0
HVAC7	13.9	0.0	4.0	0.0
Trash Compactor 1 five minute/1hr	-4.6	0.0	-5.7	0.0
Trash Compactor 2 five minute/1hr	-18.3	0.0	-23.6	0.0
Trash Compactor 3 five minute/1hr	-14.4	0.0	-18.0	0.0
Trash Compactor 4 five minute/1hr	-28.4	0.0	-28.7	0.0
Trash Compactor 5 five minute/1hr	-31.7	0.0	-32.6	0.0
21 2.Fl	41.1	0.0	39.2	0.0
1	31.6	0.0	29.4	0.0
1	16.9	0.0	16.9	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
2	35.3	0.0	33.0	0.0
2	14.8	0.0	14.8	0.0
3	34.9	0.0	32.3	0.0
3	8.2	0.0	8.2	0.0
4	-7.8	0.0	-7.8	0.0
4	9.1	0.0	9.1	0.0
5	22.2	0.0	21.7	0.0
5	13.7	0.0	13.7	0.0
6	3.7	0.0	3.7	0.0
6	33.8	0.0	31.8	0.0
7	-5.0	0.0	-5.0	0.0
7	-7.4	0.0	-7.4	0.0
8	27.9	0.0	27.9	0.0
8	4.9	0.0	4.9	0.0
9	23.6	0.0	23.7	0.0
10	15.3	0.0	13.5	0.0
11	9.5	0.0	9.5	0.0
12	28.5	0.0	26.7	0.0
HVAC1	17.7	0.0	17.7	0.0
HVAC2	20.2	0.0	20.2	0.0
HVAC3	24.6	0.0	24.6	0.0
HVAC4	12.9	0.0	12.9	0.0
HVAC5	16.9	0.0	16.9	0.0
HVAC6	15.4	0.0	15.4	0.0
HVAC7	13.9	0.0	13.9	0.0
Trash Compactor 1 five minute/1hr	-4.9	0.0	-4.9	0.0
Trash Compactor 2 five minute/1hr	-16.1	0.0	-16.1	0.0
Trash Compactor 3 five minute/1hr	-11.7	0.0	-13.3	0.0
Trash Compactor 4 five minute/1hr	-28.4	0.0	-28.4	0.0
Trash Compactor 5 five minute/1hr	-31.8	0.0	-31.8	0.0
22 1.Fl	36.4	0.0	34.8	0.0
1	-0.2	0.0	-0.3	0.0
1	22.7	0.0	22.2	0.0
2	7.8	0.0	7.2	0.0
2	31.4	0.0	28.7	0.0
3	11.9	0.0	11.8	0.0
3	12.0	0.0	11.1	0.0
4	-3.4	0.0	-3.5	0.0
4	28.4	0.0	26.1	0.0
5	12.2	0.0	12.0	0.0
5	22.3	0.0	22.0	0.0
6	-3.8	0.0	-3.9	0.0
6	17.1	0.0	16.5	0.0
7	-3.9	0.0	-4.0	0.0
7	3.8	0.0	2.7	0.0
8	30.2	0.0	29.0	0.0
8	18.5	0.0	16.8	0.0
9	16.6	0.0	16.5	0.0
10	1.5	0.0	1.4	0.0
11	10.8	0.0	10.5	0.0
12	15.4	0.0	14.9	0.0
HVAC1	14.0	0.0	14.0	0.0
HVAC2	22.2	0.0	22.2	0.0
HVAC3	19.8	0.0	19.8	0.0
HVAC4	22.3	0.0	20.0	0.0
HVAC5	19.8	0.0	19.1	0.0
HVAC6	11.9	0.0	11.9	0.0
HVAC7	11.2	0.0	11.2	0.0
Trash Compactor 1 five minute/1hr	5.0	0.0	3.4	0.0
Trash Compactor 2 five minute/1hr	-26.8	0.0	-26.9	0.0
Trash Compactor 3 five minute/1hr	-30.1	0.0	-30.4	0.0
Trash Compactor 4 five minute/1hr	-18.7	0.0	-19.0	0.0
Trash Compactor 5 five minute/1hr	-11.1	0.0	-12.1	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
23	1.Fl	35.8	0.0	35.3	0.0
1		0.7	0.0	0.7	0.0
1		27.8	0.0	27.4	0.0
2		5.7	0.0	5.7	0.0
2		27.9	0.0	26.3	0.0
3		11.4	0.0	11.4	0.0
3		2.9	0.0	2.6	0.0
4		-8.7	0.0	-8.8	0.0
4		23.9	0.0	24.4	0.0
5		14.9	0.0	14.8	0.0
5		22.7	0.0	22.7	0.0
6		-4.5	0.0	-4.6	0.0
6		14.2	0.0	14.0	0.0
7		-3.3	0.0	-3.3	0.0
7		2.5	0.0	1.6	0.0
8		30.8	0.0	30.0	0.0
8		10.6	0.0	10.5	0.0
9		18.2	0.0	17.8	0.0
10		2.2	0.0	2.0	0.0
11		9.9	0.0	10.0	0.0
12		19.7	0.0	19.7	0.0
HVAC1		26.5	0.0	26.5	0.0
HVAC2		14.7	0.0	14.7	0.0
HVAC3		10.7	0.0	10.7	0.0
HVAC4		9.9	0.0	9.1	0.0
HVAC5		19.4	0.0	18.7	0.0
HVAC6		17.8	0.0	17.6	0.0
HVAC7		16.1	0.0	16.0	0.0
Trash Compactor 1 five minute/1hr		-5.9	0.0	-5.9	0.0
Trash Compactor 2 five minute/1hr		-26.7	0.0	-26.8	0.0
Trash Compactor 3 five minute/1hr		-30.1	0.0	-30.3	0.0
Trash Compactor 4 five minute/1hr		-19.4	0.0	-19.8	0.0
Trash Compactor 5 five minute/1hr		-16.1	0.0	-16.1	0.0
23	2.Fl	37.5	0.0	36.8	0.0
1		0.7	0.0	0.6	0.0
1		30.3	0.0	29.9	0.0
2		5.9	0.0	5.9	0.0
2		28.9	0.0	28.1	0.0
3		12.7	0.0	11.5	0.0
3		3.7	0.0	3.5	0.0
4		-7.2	0.0	-7.2	0.0
4		28.0	0.0	26.3	0.0
5		16.6	0.0	16.5	0.0
5		23.4	0.0	23.4	0.0
6		-3.1	0.0	-3.1	0.0
6		16.4	0.0	15.1	0.0
7		-1.7	0.0	-1.6	0.0
7		2.7	0.0	2.6	0.0
8		32.0	0.0	31.2	0.0
8		11.0	0.0	10.9	0.0
9		22.2	0.0	18.4	0.0
10		7.8	0.0	2.2	0.0
11		11.0	0.0	10.2	0.0
12		20.3	0.0	20.3	0.0
HVAC1		28.0	0.0	28.0	0.0
HVAC2		15.7	0.0	15.7	0.0
HVAC3		12.3	0.0	12.3	0.0
HVAC4		11.9	0.0	11.5	0.0
HVAC5		19.4	0.0	19.3	0.0
HVAC6		17.8	0.0	17.8	0.0
HVAC7		16.1	0.0	16.1	0.0
Trash Compactor 1 five minute/1hr		-5.5	0.0	-5.6	0.0
Trash Compactor 2 five minute/1hr		-26.7	0.0	-26.9	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
Trash Compactor 3 five minute/1hr	-25.2	0.0	-30.4	0.0
Trash Compactor 4 five minute/1hr	-19.4	0.0	-19.6	0.0
Trash Compactor 5 five minute/1hr	-13.9	0.0	-13.9	0.0
24 1.Fl	32.7	0.0	32.1	0.0
1	-0.3	0.0	-0.3	0.0
1	22.7	0.0	22.3	0.0
2	5.2	0.0	5.3	0.0
2	26.5	0.0	25.1	0.0
3	10.7	0.0	10.7	0.0
3	2.5	0.0	2.5	0.0
4	-5.7	0.0	-5.7	0.0
4	22.2	0.0	22.6	0.0
5	14.6	0.0	14.6	0.0
5	18.6	0.0	18.6	0.0
6	-2.3	0.0	-2.3	0.0
6	13.8	0.0	13.6	0.0
7	-2.1	0.0	-2.1	0.0
7	1.3	0.0	0.8	0.0
8	27.2	0.0	26.7	0.0
8	10.6	0.0	10.3	0.0
9	15.0	0.0	15.0	0.0
10	0.7	0.0	0.7	0.0
11	9.6	0.0	9.6	0.0
12	18.7	0.0	18.4	0.0
HVAC1	19.4	0.0	19.4	0.0
HVAC2	15.8	0.0	15.8	0.0
HVAC3	9.1	0.0	9.1	0.0
HVAC4	18.7	0.0	16.1	0.0
HVAC5	9.2	0.0	9.2	0.0
HVAC6	11.4	0.0	11.4	0.0
HVAC7	15.5	0.0	15.3	0.0
Trash Compactor 1 five minute/1hr	-7.0	0.0	-7.0	0.0
Trash Compactor 2 five minute/1hr	-27.5	0.0	-27.5	0.0
Trash Compactor 3 five minute/1hr	-31.0	0.0	-31.0	0.0
Trash Compactor 4 five minute/1hr	-22.0	0.0	-22.0	0.0
Trash Compactor 5 five minute/1hr	-16.5	0.0	-16.5	0.0
24 2.Fl	34.7	0.0	34.2	0.0
1	-0.1	0.0	-0.1	0.0
1	26.5	0.0	26.4	0.0
2	7.3	0.0	7.3	0.0
2	27.7	0.0	27.0	0.0
3	10.8	0.0	10.8	0.0
3	7.4	0.0	7.4	0.0
4	-1.3	0.0	-1.3	0.0
4	26.5	0.0	25.0	0.0
5	16.8	0.0	16.8	0.0
5	22.1	0.0	22.1	0.0
6	0.5	0.0	0.5	0.0
6	15.0	0.0	14.7	0.0
7	0.8	0.0	0.8	0.0
7	1.8	0.0	1.6	0.0
8	28.4	0.0	27.9	0.0
8	11.5	0.0	10.8	0.0
9	16.0	0.0	16.0	0.0
10	1.1	0.0	1.0	0.0
11	9.7	0.0	9.7	0.0
12	19.8	0.0	19.8	0.0
HVAC1	20.1	0.0	20.1	0.0
HVAC2	16.8	0.0	16.8	0.0
HVAC3	14.8	0.0	14.8	0.0
HVAC4	19.8	0.0	17.8	0.0
HVAC5	11.8	0.0	11.6	0.0
HVAC6	13.6	0.0	13.6	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
HVAC7	15.4	0.0	15.4	0.0
Trash Compactor 1 five minute/1hr	-1.8	0.0	-1.8	0.0
Trash Compactor 2 five minute/1hr	-27.5	0.0	-27.5	0.0
Trash Compactor 3 five minute/1hr	-31.0	0.0	-31.0	0.0
Trash Compactor 4 five minute/1hr	-21.7	0.0	-21.8	0.0
Trash Compactor 5 five minute/1hr	-14.7	0.0	-14.7	0.0
25 1.Fl	30.6	0.0	30.6	0.0
1	7.1	0.0	6.6	0.0
1	18.3	0.0	18.3	0.0
2	13.4	0.0	12.4	0.0
2	15.9	0.0	15.9	0.0
3	12.4	0.0	12.4	0.0
3	2.3	0.0	2.3	0.0
4	-9.6	0.0	-9.6	0.0
4	12.7	0.0	12.7	0.0
5	8.5	0.0	8.5	0.0
5	18.7	0.0	18.7	0.0
6	-8.0	0.0	-8.0	0.0
6	15.4	0.0	15.4	0.0
7	-7.8	0.0	-7.8	0.0
7	-7.0	0.0	-7.0	0.0
8	23.9	0.0	23.9	0.0
8	5.3	0.0	5.3	0.0
9	18.4	0.0	18.4	0.0
10	4.3	0.0	4.3	0.0
11	8.1	0.0	8.1	0.0
12	13.2	0.0	13.2	0.0
HVAC1	20.6	0.0	20.6	0.0
HVAC2	23.5	0.0	23.5	0.0
HVAC3	21.0	0.0	21.0	0.0
HVAC4	10.8	0.0	10.8	0.0
HVAC5	10.7	0.0	10.7	0.0
HVAC6	10.5	0.0	10.5	0.0
HVAC7	10.0	0.0	10.0	0.0
Trash Compactor 1 five minute/1hr	-4.5	0.0	-4.5	0.0
Trash Compactor 2 five minute/1hr	-24.8	0.0	-24.8	0.0
Trash Compactor 3 five minute/1hr	-28.8	0.0	-28.8	0.0
Trash Compactor 4 five minute/1hr	-24.5	0.0	-24.5	0.0
Trash Compactor 5 five minute/1hr	-26.8	0.0	-26.8	0.0
25 2.Fl	34.1	0.0	34.1	0.0
1	6.9	0.0	6.7	0.0
1	18.9	0.0	18.9	0.0
2	13.5	0.0	12.9	0.0
2	20.1	0.0	20.1	0.0
3	12.8	0.0	12.8	0.0
3	2.2	0.0	2.2	0.0
4	-9.5	0.0	-9.5	0.0
4	13.6	0.0	13.6	0.0
5	9.0	0.0	9.0	0.0
5	18.8	0.0	18.8	0.0
6	-7.6	0.0	-7.6	0.0
6	19.5	0.0	19.5	0.0
7	-7.4	0.0	-7.4	0.0
7	-6.7	0.0	-6.7	0.0
8	24.6	0.0	24.6	0.0
8	6.7	0.0	6.7	0.0
9	20.2	0.0	20.2	0.0
10	5.4	0.0	5.4	0.0
11	8.2	0.0	8.2	0.0
12	14.2	0.0	14.2	0.0
HVAC1	26.5	0.0	26.5	0.0
HVAC2	29.0	0.0	29.0	0.0
HVAC3	25.6	0.0	25.6	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
HVAC4		13.9	0.0	13.9	0.0
HVAC5		14.2	0.0	14.2	0.0
HVAC6		13.9	0.0	13.9	0.0
HVAC7		13.1	0.0	13.1	0.0
Trash Compactor 1 five minute/1hr		-4.6	0.0	-4.6	0.0
Trash Compactor 2 five minute/1hr		-24.7	0.0	-24.7	0.0
Trash Compactor 3 five minute/1hr		-28.5	0.0	-28.5	0.0
Trash Compactor 4 five minute/1hr		-24.5	0.0	-24.5	0.0
Trash Compactor 5 five minute/1hr		-26.3	0.0	-26.3	0.0
26	1.Fl	28.8	0.0	28.8	0.0
1		10.3	0.0	9.5	0.0
1		17.5	0.0	17.5	0.0
2		17.1	0.0	16.1	0.0
2		13.7	0.0	13.7	0.0
3		13.4	0.0	13.4	0.0
3		3.2	0.0	3.2	0.0
4		-9.5	0.0	-9.5	0.0
4		11.4	0.0	11.4	0.0
5		7.7	0.0	7.7	0.0
5		18.2	0.0	18.2	0.0
6		-8.5	0.0	-8.5	0.0
6		15.8	0.0	15.8	0.0
7		-8.4	0.0	-8.4	0.0
7		-7.0	0.0	-7.0	0.0
8		22.2	0.0	22.2	0.0
8		4.7	0.0	4.7	0.0
9		17.7	0.0	17.7	0.0
10		4.5	0.0	4.5	0.0
11		7.6	0.0	7.5	0.0
12		12.0	0.0	12.0	0.0
HVAC1		15.8	0.0	15.8	0.0
HVAC2		20.8	0.0	20.8	0.0
HVAC3		16.9	0.0	16.9	0.0
HVAC4		6.9	0.0	6.9	0.0
HVAC5		5.7	0.0	5.7	0.0
HVAC6		4.8	0.0	4.8	0.0
HVAC7		3.9	0.0	3.9	0.0
Trash Compactor 1 five minute/1hr		-3.7	0.0	-3.7	0.0
Trash Compactor 2 five minute/1hr		-25.0	0.0	-25.0	0.0
Trash Compactor 3 five minute/1hr		-27.6	0.0	-27.6	0.0
Trash Compactor 4 five minute/1hr		-25.7	0.0	-25.7	0.0
Trash Compactor 5 five minute/1hr		-30.4	0.0	-30.4	0.0
26	2.Fl	31.9	0.0	31.8	0.0
1		10.8	0.0	10.0	0.0
1		18.0	0.0	18.0	0.0
2		18.1	0.0	17.0	0.0
2		16.5	0.0	16.5	0.0
3		14.2	0.0	14.3	0.0
3		3.4	0.0	3.4	0.0
4		-9.3	0.0	-9.3	0.0
4		11.7	0.0	11.7	0.0
5		8.4	0.0	8.4	0.0
5		18.2	0.0	18.2	0.0
6		-7.9	0.0	-7.9	0.0
6		18.0	0.0	18.0	0.0
7		-7.8	0.0	-7.8	0.0
7		-6.9	0.0	-6.9	0.0
8		23.3	0.0	23.3	0.0
8		5.3	0.0	5.3	0.0
9		19.7	0.0	19.7	0.0
10		7.0	0.0	7.1	0.0
11		7.8	0.0	7.8	0.0
12		13.1	0.0	13.1	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
HVAC1	20.1	0.0	20.1	0.0
HVAC2	27.5	0.0	27.5	0.0
HVAC3	21.3	0.0	21.3	0.0
HVAC4	10.6	0.0	10.6	0.0
HVAC5	10.4	0.0	10.4	0.0
HVAC6	10.2	0.0	10.2	0.0
HVAC7	9.7	0.0	9.7	0.0
Trash Compactor 1 five minute/1hr	-3.7	0.0	-3.7	0.0
Trash Compactor 2 five minute/1hr	-24.9	0.0	-24.9	0.0
Trash Compactor 3 five minute/1hr	-26.3	0.0	-26.3	0.0
Trash Compactor 4 five minute/1hr	-25.6	0.0	-25.6	0.0
Trash Compactor 5 five minute/1hr	-29.8	0.0	-29.8	0.0
27 1.Fl	32.7	0.0	31.7	0.0
1	22.5	0.0	19.7	0.0
1	16.7	0.0	16.7	0.0
2	30.3	0.0	28.9	0.0
2	11.2	0.0	11.2	0.0
3	14.3	0.0	14.3	0.0
3	5.3	0.0	5.3	0.0
4	-8.3	0.0	-8.3	0.0
4	10.8	0.0	10.8	0.0
5	8.5	0.0	8.5	0.0
5	17.5	0.0	17.5	0.0
6	-7.4	0.0	-7.4	0.0
6	14.9	0.0	14.9	0.0
7	-7.8	0.0	-7.8	0.0
7	-7.0	0.0	-7.0	0.0
8	21.6	0.0	21.6	0.0
8	3.6	0.0	3.6	0.0
9	14.9	0.0	14.8	0.0
10	5.2	0.0	5.2	0.0
11	7.4	0.0	7.4	0.0
12	12.4	0.0	12.4	0.0
HVAC1	8.6	0.0	8.5	0.0
HVAC2	12.5	0.0	12.4	0.0
HVAC3	22.2	0.0	22.2	0.0
HVAC4	4.0	0.0	4.0	0.0
HVAC5	2.6	0.0	2.6	0.0
HVAC6	1.4	0.0	1.4	0.0
HVAC7	0.3	0.0	0.3	0.0
Trash Compactor 1 five minute/1hr	-2.7	0.0	-2.7	0.0
Trash Compactor 2 five minute/1hr	-24.2	0.0	-24.2	0.0
Trash Compactor 3 five minute/1hr	-24.8	0.0	-24.8	0.0
Trash Compactor 4 five minute/1hr	-26.5	0.0	-26.5	0.0
Trash Compactor 5 five minute/1hr	-31.7	0.0	-31.7	0.0
27 2.Fl	33.8	0.0	33.5	0.0
1	22.4	0.0	21.1	0.0
1	17.2	0.0	17.1	0.0
2	31.5	0.0	31.1	0.0
2	12.5	0.0	12.5	0.0
3	15.6	0.0	15.6	0.0
3	5.3	0.0	5.3	0.0
4	-8.2	0.0	-8.2	0.0
4	10.8	0.0	10.8	0.0
5	9.0	0.0	9.0	0.0
5	17.5	0.0	17.5	0.0
6	-7.1	0.0	-7.1	0.0
6	16.3	0.0	16.3	0.0
7	-7.4	0.0	-7.4	0.0
7	-7.0	0.0	-7.0	0.0
8	22.4	0.0	22.4	0.0
8	4.2	0.0	4.2	0.0
9	16.7	0.0	16.7	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
10		7.1	0.0	7.1	0.0
11		7.6	0.0	7.6	0.0
12		13.3	0.0	13.2	0.0
HVAC1		12.6	0.0	12.6	0.0
HVAC2		16.2	0.0	16.2	0.0
HVAC3		24.2	0.0	24.2	0.0
HVAC4		6.1	0.0	6.1	0.0
HVAC5		4.9	0.0	4.9	0.0
HVAC6		3.9	0.0	3.9	0.0
HVAC7		2.9	0.0	2.9	0.0
Trash Compactor 1 five minute/1hr		-2.8	0.0	-2.8	0.0
Trash Compactor 2 five minute/1hr		-24.1	0.0	-24.1	0.0
Trash Compactor 3 five minute/1hr		-23.0	0.0	-23.0	0.0
Trash Compactor 4 five minute/1hr		-26.4	0.0	-26.4	0.0
Trash Compactor 5 five minute/1hr		-31.5	0.0	-31.5	0.0
28	1.Fl	31.3	0.0	31.1	0.0
1		25.3	0.0	24.9	0.0
1		14.6	0.0	14.6	0.0
2		26.8	0.0	26.6	0.0
2		9.5	0.0	9.5	0.0
3		17.8	0.0	17.7	0.0
3		3.6	0.0	3.3	0.0
4		-10.3	0.0	-10.4	0.0
4		9.4	0.0	9.4	0.0
5		10.2	0.0	10.1	0.0
5		14.7	0.0	14.7	0.0
6		-8.4	0.0	-8.6	0.0
6		19.6	0.0	19.5	0.0
7		-9.4	0.0	-9.5	0.0
7		-7.8	0.0	-7.8	0.0
8		20.0	0.0	20.0	0.0
8		1.8	0.0	1.8	0.0
9		16.2	0.0	16.1	0.0
10		10.6	0.0	10.6	0.0
11		7.1	0.0	7.0	0.0
12		17.2	0.0	17.4	0.0
HVAC1		14.7	0.0	14.7	0.0
HVAC2		13.1	0.0	13.1	0.0
HVAC3		14.7	0.0	14.7	0.0
HVAC4		2.2	0.0	2.2	0.0
HVAC5		1.5	0.0	1.5	0.0
HVAC6		3.3	0.0	3.3	0.0
HVAC7		0.7	0.0	0.7	0.0
Trash Compactor 1 five minute/1hr		-5.2	0.0	-5.3	0.0
Trash Compactor 2 five minute/1hr		-24.9	0.0	-25.2	0.0
Trash Compactor 3 five minute/1hr		-19.3	0.0	-19.3	0.0
Trash Compactor 4 five minute/1hr		-28.2	0.0	-28.2	0.0
Trash Compactor 5 five minute/1hr		-32.8	0.0	-32.8	0.0
28	2.Fl	34.5	0.0	33.8	0.0
1		29.1	0.0	28.1	0.0
1		15.0	0.0	15.0	0.0
2		30.3	0.0	29.3	0.0
2		10.5	0.0	10.5	0.0
3		21.7	0.0	21.6	0.0
3		3.8	0.0	3.3	0.0
4		-10.1	0.0	-10.2	0.0
4		9.4	0.0	9.4	0.0
5		12.2	0.0	12.1	0.0
5		14.7	0.0	14.7	0.0
6		-8.2	0.0	-8.4	0.0
6		23.2	0.0	23.1	0.0
7		-8.9	0.0	-9.0	0.0
7		-7.8	0.0	-7.8	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
8	20.9	0.0	20.9	0.0
8	2.2	0.0	2.2	0.0
9	19.3	0.0	19.3	0.0
10	11.8	0.0	11.7	0.0
11	7.4	0.0	7.3	0.0
12	20.0	0.0	20.1	0.0
HVAC1	16.7	0.0	16.7	0.0
HVAC2	15.6	0.0	15.6	0.0
HVAC3	16.7	0.0	16.7	0.0
HVAC4	4.6	0.0	4.6	0.0
HVAC5	4.6	0.0	4.6	0.0
HVAC6	5.2	0.0	5.2	0.0
HVAC7	2.7	0.0	2.7	0.0
Trash Compactor 1 five minute/1hr	-5.3	0.0	-5.4	0.0
Trash Compactor 2 five minute/1hr	-24.6	0.0	-25.2	0.0
Trash Compactor 3 five minute/1hr	-16.5	0.0	-16.5	0.0
Trash Compactor 4 five minute/1hr	-28.2	0.0	-28.2	0.0
Trash Compactor 5 five minute/1hr	-32.7	0.0	-32.7	0.0
29 1.Fl	30.4	0.0	29.9	0.0
1	22.5	0.0	21.5	0.0
1	14.4	0.0	14.4	0.0
2	26.0	0.0	24.9	0.0
2	9.6	0.0	9.5	0.0
3	18.4	0.0	18.1	0.0
3	3.5	0.0	2.9	0.0
4	-10.4	0.0	-10.5	0.0
4	9.1	0.0	9.1	0.0
5	10.2	0.0	10.5	0.0
5	14.0	0.0	14.0	0.0
6	-8.4	0.0	-8.7	0.0
6	19.1	0.0	18.8	0.0
7	-9.4	0.0	-9.5	0.0
7	-7.9	0.0	-7.9	0.0
8	20.0	0.0	20.0	0.0
8	2.0	0.0	2.0	0.0
9	15.1	0.0	14.7	0.0
10	10.3	0.0	9.9	0.0
11	7.2	0.0	7.1	0.0
12	18.3	0.0	18.3	0.0
HVAC1	13.0	0.0	13.0	0.0
HVAC2	13.9	0.0	13.9	0.0
HVAC3	14.4	0.0	14.4	0.0
HVAC4	3.3	0.0	3.2	0.0
HVAC5	2.3	0.0	2.3	0.0
HVAC6	1.9	0.0	1.9	0.0
HVAC7	1.1	0.0	1.1	0.0
Trash Compactor 1 five minute/1hr	-5.7	0.0	-5.9	0.0
Trash Compactor 2 five minute/1hr	-24.6	0.0	-25.3	0.0
Trash Compactor 3 five minute/1hr	-19.9	0.0	-20.4	0.0
Trash Compactor 4 five minute/1hr	-28.7	0.0	-28.7	0.0
Trash Compactor 5 five minute/1hr	-32.9	0.0	-32.9	0.0
29 2.Fl	33.9	0.0	33.3	0.0
1	25.9	0.0	26.0	0.0
1	15.0	0.0	14.9	0.0
2	30.1	0.0	28.9	0.0
2	10.5	0.0	10.5	0.0
3	22.8	0.0	21.9	0.0
3	4.6	0.0	3.0	0.0
4	-10.0	0.0	-10.4	0.0
4	9.1	0.0	9.1	0.0
5	12.1	0.0	12.5	0.0
5	14.0	0.0	14.0	0.0
6	-7.6	0.0	-8.4	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)
6		22.9	0.0	22.2	0.0
7		-8.7	0.0	-9.0	0.0
7		-7.9	0.0	-7.9	0.0
8		20.8	0.0	20.7	0.0
8		2.7	0.0	2.7	0.0
9		17.9	0.0	17.7	0.0
10		12.7	0.0	11.9	0.0
11		7.5	0.0	7.4	0.0
12		21.0	0.0	20.6	0.0
HVAC1		15.6	0.0	15.6	0.0
HVAC2		20.6	0.0	20.6	0.0
HVAC3		16.7	0.0	16.7	0.0
HVAC4		5.4	0.0	5.4	0.0
HVAC5		4.9	0.0	4.9	0.0
HVAC6		4.7	0.0	4.7	0.0
HVAC7		4.3	0.0	4.3	0.0
Trash Compactor 1 five minute/1hr		-5.3	0.0	-5.3	0.0
Trash Compactor 2 five minute/1hr		-24.2	0.0	-25.2	0.0
Trash Compactor 3 five minute/1hr		-16.1	0.0	-17.6	0.0
Trash Compactor 4 five minute/1hr		-28.6	0.0	-28.6	0.0
Trash Compactor 5 five minute/1hr		-32.8	0.0	-32.8	0.0
30	1.Fl	32.4	0.0	31.4	0.0
1		24.2	0.0	22.7	0.0
1		14.0	0.0	14.0	0.0
2		27.7	0.0	26.3	0.0
2		10.1	0.0	10.1	0.0
3		23.0	0.0	22.2	0.0
3		3.1	0.0	2.5	0.0
4		-10.6	0.0	-10.7	0.0
4		8.7	0.0	8.7	0.0
5		15.1	0.0	14.6	0.0
5		13.2	0.0	13.2	0.0
6		-8.0	0.0	-8.3	0.0
6		21.9	0.0	20.7	0.0
7		-9.1	0.0	-9.2	0.0
7		-8.1	0.0	-8.1	0.0
8		20.9	0.0	20.9	0.0
8		1.3	0.0	1.3	0.0
9		15.8	0.0	15.8	0.0
10		11.8	0.0	10.5	0.0
11		7.6	0.0	7.4	0.0
12		21.0	0.0	20.2	0.0
HVAC1		14.5	0.0	14.5	0.0
HVAC2		13.8	0.0	13.8	0.0
HVAC3		16.2	0.0	16.2	0.0
HVAC4		5.4	0.0	5.4	0.0
HVAC5		5.1	0.0	5.1	0.0
HVAC6		8.3	0.0	8.3	0.0
HVAC7		7.5	0.0	7.5	0.0
Trash Compactor 1 five minute/1hr		-6.3	0.0	-6.6	0.0
Trash Compactor 2 five minute/1hr		-23.8	0.0	-24.8	0.0
Trash Compactor 3 five minute/1hr		-16.5	0.0	-19.4	0.0
Trash Compactor 4 five minute/1hr		-29.0	0.0	-29.0	0.0
Trash Compactor 5 five minute/1hr		-33.0	0.0	-33.0	0.0
30	2.Fl	35.4	0.0	34.6	0.0
1		26.1	0.0	25.7	0.0
1		14.9	0.0	14.8	0.0
2		29.8	0.0	29.2	0.0
2		11.7	0.0	11.8	0.0
3		29.0	0.0	27.0	0.0
3		3.7	0.0	2.8	0.0
4		-10.2	0.0	-10.3	0.0
4		8.7	0.0	8.7	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
5	17.4	0.0	17.0	0.0
5	13.2	0.0	13.2	0.0
6	-7.5	0.0	-7.9	0.0
6	24.8	0.0	23.8	0.0
7	-7.7	0.0	-7.9	0.0
7	-8.0	0.0	-8.0	0.0
8	22.2	0.0	22.3	0.0
8	2.8	0.0	2.7	0.0
9	19.1	0.0	19.1	0.0
10	13.4	0.0	12.6	0.0
11	7.8	0.0	7.6	0.0
12	23.8	0.0	22.7	0.0
HVAC1	19.4	0.0	19.4	0.0
HVAC2	20.3	0.0	20.3	0.0
HVAC3	18.7	0.0	18.7	0.0
HVAC4	10.5	0.0	10.5	0.0
HVAC5	7.3	0.0	7.3	0.0
HVAC6	14.2	0.0	14.2	0.0
HVAC7	12.9	0.0	12.9	0.0
Trash Compactor 1 five minute/1hr	-5.9	0.0	-6.7	0.0
Trash Compactor 2 five minute/1hr	-22.5	0.0	-24.8	0.0
Trash Compactor 3 five minute/1hr	-14.8	0.0	-16.4	0.0
Trash Compactor 4 five minute/1hr	-29.0	0.0	-29.0	0.0
Trash Compactor 5 five minute/1hr	-33.0	0.0	-33.0	0.0
31 1.Fl	56.1	0.0	48.4	0.0
1	2.2	0.0	1.3	0.0
1	54.3	0.0	44.6	0.0
2	13.2	0.0	11.8	0.0
2	38.4	0.0	37.7	0.0
3	19.4	0.0	14.3	0.0
3	19.1	0.0	18.2	0.0
4	4.9	0.0	4.7	0.0
4	42.3	0.0	37.6	0.0
5	20.5	0.0	20.2	0.0
5	48.2	0.0	41.6	0.0
6	4.3	0.0	4.2	0.0
6	23.1	0.0	17.3	0.0
7	6.3	0.0	4.7	0.0
7	3.7	0.0	3.4	0.0
8	44.7	0.0	40.3	0.0
8	41.7	0.0	31.8	0.0
9	23.3	0.0	17.2	0.0
10	9.1	0.0	3.2	0.0
11	17.0	0.0	16.8	0.0
12	24.8	0.0	21.8	0.0
HVAC1	24.7	0.0	24.7	0.0
HVAC2	23.1	0.0	23.1	0.0
HVAC3	21.3	0.0	21.3	0.0
HVAC4	25.7	0.0	25.2	0.0
HVAC5	23.1	0.0	22.6	0.0
HVAC6	20.7	0.0	20.4	0.0
HVAC7	18.3	0.0	18.2	0.0
Trash Compactor 1 five minute/1hr	14.9	0.0	11.3	0.0
Trash Compactor 2 five minute/1hr	-19.1	0.0	-24.1	0.0
Trash Compactor 3 five minute/1hr	-23.3	0.0	-28.6	0.0
Trash Compactor 4 five minute/1hr	-5.7	0.0	-13.0	0.0
Trash Compactor 5 five minute/1hr	-7.4	0.0	-9.4	0.0
32 1.Fl	54.1	0.0	47.4	0.0
1	2.1	0.0	1.4	0.0
1	50.2	0.0	42.8	0.0
2	12.3	0.0	10.9	0.0
2	36.7	0.0	35.4	0.0
3	18.7	0.0	13.6	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
3	19.0	0.0	18.1	0.0
4	4.9	0.0	4.7	0.0
4	39.7	0.0	35.6	0.0
5	20.4	0.0	20.1	0.0
5	50.8	0.0	42.7	0.0
6	4.3	0.0	4.2	0.0
6	23.2	0.0	17.1	0.0
7	6.1	0.0	4.7	0.0
7	2.8	0.0	2.4	0.0
8	40.3	0.0	39.1	0.0
8	34.4	0.0	28.2	0.0
9	22.8	0.0	17.2	0.0
10	9.0	0.0	2.8	0.0
11	16.3	0.0	16.2	0.0
12	23.7	0.0	22.4	0.0
HVAC1	23.6	0.0	23.6	0.0
HVAC2	18.2	0.0	18.2	0.0
HVAC3	16.1	0.0	16.1	0.0
HVAC4	25.0	0.0	24.1	0.0
HVAC5	22.5	0.0	21.6	0.0
HVAC6	20.1	0.0	19.4	0.0
HVAC7	17.7	0.0	17.3	0.0
Trash Compactor 1 five minute/1hr	15.0	0.0	11.5	0.0
Trash Compactor 2 five minute/1hr	-19.5	0.0	-24.6	0.0
Trash Compactor 3 five minute/1hr	-23.8	0.0	-29.1	0.0
Trash Compactor 4 five minute/1hr	-9.4	0.0	-16.0	0.0
Trash Compactor 5 five minute/1hr	-8.4	0.0	-11.0	0.0
33 1.Fl	41.2	0.0	38.1	0.0
1	1.7	0.0	1.5	0.0
1	38.1	0.0	31.9	0.0
2	6.8	0.0	6.6	0.0
2	32.7	0.0	32.3	0.0
3	12.3	0.0	12.3	0.0
3	2.9	0.0	2.5	0.0
4	-8.2	0.0	-8.3	0.0
4	32.8	0.0	31.9	0.0
5	9.6	0.0	9.5	0.0
5	31.2	0.0	25.4	0.0
6	-6.7	0.0	-6.8	0.0
6	15.1	0.0	15.1	0.0
7	-6.3	0.0	-6.5	0.0
7	0.8	0.0	-4.0	0.0
8	28.0	0.0	27.8	0.0
8	24.8	0.0	18.3	0.0
9	16.2	0.0	16.2	0.0
10	2.1	0.0	2.0	0.0
11	15.3	0.0	9.8	0.0
12	14.0	0.0	14.0	0.0
HVAC1	24.4	0.0	24.3	0.0
HVAC2	18.4	0.0	18.3	0.0
HVAC3	15.2	0.0	15.2	0.0
HVAC4	13.0	0.0	12.1	0.0
HVAC5	16.3	0.0	13.5	0.0
HVAC6	18.4	0.0	17.9	0.0
HVAC7	16.2	0.0	16.0	0.0
Trash Compactor 1 five minute/1hr	-4.7	0.0	-5.2	0.0
Trash Compactor 2 five minute/1hr	-25.8	0.0	-25.8	0.0
Trash Compactor 3 five minute/1hr	-30.0	0.0	-30.0	0.0
Trash Compactor 4 five minute/1hr	-15.3	0.0	-20.0	0.0
Trash Compactor 5 five minute/1hr	-13.3	0.0	-12.8	0.0
34 1.Fl	54.6	0.0	54.6	0.0
1	-1.5	0.0	-1.5	0.0
1	29.5	0.0	29.5	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP		Level w. NP	
	Leq1	Lmax	Leq1	Lmax
	dB(A)		dB(A)	
2	9.4	0.0	9.4	0.0
2	53.5	0.0	53.5	0.0
3	16.7	0.0	16.7	0.0
3	10.9	0.0	10.9	0.0
4	-3.3	0.0	-3.3	0.0
4	47.8	0.0	47.8	0.0
5	11.4	0.0	11.4	0.0
5	27.7	0.0	27.7	0.0
6	-4.1	0.0	-4.1	0.0
6	17.1	0.0	17.1	0.0
7	-3.7	0.0	-3.7	0.0
7	9.8	0.0	9.8	0.0
8	22.6	0.0	22.6	0.0
8	17.2	0.0	17.2	0.0
9	17.7	0.0	17.7	0.0
10	5.0	0.0	5.0	0.0
11	17.1	0.0	17.1	0.0
12	13.0	0.0	13.0	0.0
HVAC1	16.8	0.0	16.8	0.0
HVAC2	18.5	0.0	18.5	0.0
HVAC3	15.5	0.0	15.5	0.0
HVAC4	22.2	0.0	22.2	0.0
HVAC5	22.4	0.0	22.4	0.0
HVAC6	22.4	0.0	22.4	0.0
HVAC7	21.2	0.0	21.2	0.0
Trash Compactor 1 five minute/1hr	2.4	0.0	2.4	0.0
Trash Compactor 2 five minute/1hr	-24.5	0.0	-24.5	0.0
Trash Compactor 3 five minute/1hr	-25.3	0.0	-25.3	0.0
Trash Compactor 4 five minute/1hr	-1.4	0.0	-1.4	0.0
Trash Compactor 5 five minute/1hr	-1.1	0.0	-1.1	0.0

Noise Emissions of Industry Sources

Source name	Reference	Level		Frequency spectrum [dB(A)]								Corrections		
				63	125	250	500	1	2	4	8	Kwall	CI	CT
			dB(A)	Hz	Hz	Hz	Hz	kHz	kHz	kHz	kHz	dB(A)	dB(A)	dB(A)
1	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
2	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
3	Meter	Leq1	70.0	37.0	47.0	54.0	60.0	63.0	64.0	64.0	62.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
4	Meter	Leq1	70.0	37.0	47.0	54.0	60.0	63.0	64.0	64.0	62.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
5	Meter	Leq1	70.0	37.0	47.0	54.0	60.0	63.0	64.0	64.0	62.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
6	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
7	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
8	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
HVAC1	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC2	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC3	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC4	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC5	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC6	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
Trash Compactor 1 five minute	Unit	Leq1	78.3	61.8	64.8	70.3	72.8	72.0	71.2	65.0	58.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
Trash Compactor 2 five minute	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
Trash Compactor 3 five minute	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
HVAC7	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
Trash Compactor 4 five minute	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
Trash Compactor 5 five minute	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-

Noise Emissions of Parking Lot Traffic

Name	Parking lot type	Low noise trolleys	Size	Movements per hour				Road surface	Separate method	Level
				Leq1	Leq2	Leq3	Lmax			dB(A)
1	Visitors and staff	-	31 car places	5.000	0.000	0.000	0.000	Asphaltic lanes	no	81.3
2	Visitors and staff	-	44 car places	7.000	0.000	0.000	0.000	Asphaltic lanes	no	83.3
3	Visitors and staff	-	23 car places	4.000	0.000	0.000	0.000	Asphaltic lanes	no	79.5
4	Visitors and staff	-	7 car places	1.000	0.000	0.000	0.000	Asphaltic lanes	no	71.5
5	Visitors and staff	-	30 car places	5.000	0.000	0.000	0.000	Asphaltic lanes	no	81.1
6	Visitors and staff	-	8 car places	1.000	0.000	0.000	0.000	Asphaltic lanes	no	72.0
7	Visitors and staff	-	7 car places	1.000	0.000	0.000	0.000	Asphaltic lanes	no	71.5
8	Visitors and staff	-	134 car places	20.00	0.000	0.000	0.000	Asphaltic lanes	no	89.5
9	Visitors and staff	-	99 car places	16.00	0.000	0.000	0.000	Asphaltic lanes	no	87.8
10	Visitors and staff	-	35 car places	6.000	0.000	0.000	0.000	Asphaltic lanes	no	82.0
11	Visitors and staff	-	104 car places	17.00	0.000	0.000	0.000	Asphaltic lanes	no	88.1
12	Visitors and staff	-	51 car places	8.000	0.000	0.000	0.000	Asphaltic lanes	no	84.1

Receiver List

No.	Receiver name	Building side	Floor	Limit Leq1 dB(A)	Limit Lmax dB(A)	Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)	Difference Leq1 dB(A)	Difference Lmax dB(A)	Conflict Leq1 dB(A)	Conflict Leq2 dB(A)	Conflict Leq3 dB(A)	Conflict Lmax dB(A)
1	1		1.Fl	-	-	42.7	0.0	42.2	0.0	-0.5	0.0	-	-	-	-
			2.Fl	-	-	45.0	0.0	44.5	0.0	-0.5	0.0	-	-	-	-
2	2		1.Fl	-	-	30.2	0.0	30.1	0.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	31.9	0.0	31.9	0.0	0.0	0.0	-	-	-	-
3			1.Fl	-	-	45.2	0.0	39.8	0.0	-5.4	0.0	-	-	-	-
			2.Fl	-	-	49.2	0.0	44.4	0.0	-4.8	0.0	-	-	-	-
4	3		1.Fl	-	-	47.8	0.0	40.5	0.0	-7.3	0.0	-	-	-	-
			2.Fl	-	-	52.0	0.0	46.9	0.0	-5.1	0.0	-	-	-	-
5	4		1.Fl	-	-	49.5	0.0	49.1	0.0	-0.4	0.0	-	-	-	-
			2.Fl	-	-	49.8	0.0	49.5	0.0	-0.3	0.0	-	-	-	-
6	5		1.Fl	-	-	43.7	0.0	43.0	0.0	-0.6	0.0	-	-	-	-
			2.Fl	-	-	44.0	0.0	43.7	0.0	-0.2	0.0	-	-	-	-
7	6		1.Fl	-	-	38.4	0.0	38.2	0.0	-0.2	0.0	-	-	-	-
			2.Fl	-	-	39.6	0.0	39.3	0.0	-0.2	0.0	-	-	-	-
8	7		1.Fl	-	-	32.9	0.0	32.9	0.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	34.7	0.0	34.7	0.0	0.0	0.0	-	-	-	-
9	8		1.Fl	-	-	35.7	0.0	35.2	0.0	-0.5	0.0	-	-	-	-
			2.Fl	-	-	37.6	0.0	37.0	0.0	-0.6	0.0	-	-	-	-
10	9		1.Fl	-	-	39.1	0.0	39.1	0.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	40.7	0.0	40.6	0.0	0.0	0.0	-	-	-	-
11	10		1.Fl	-	-	32.7	0.0	32.7	0.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	34.9	0.0	34.9	0.0	0.0	0.0	-	-	-	-
12	11		1.Fl	-	-	31.5	0.0	31.5	0.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	33.8	0.0	33.8	0.0	0.0	0.0	-	-	-	-
13	12		1.Fl	-	-	30.4	0.0	30.4	0.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	32.3	0.0	32.3	0.0	0.0	0.0	-	-	-	-
14	13		1.Fl	-	-	30.8	0.0	30.8	0.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	32.9	0.0	32.9	0.0	0.0	0.0	-	-	-	-
15	14		1.Fl	-	-	31.6	0.0	31.6	0.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	34.0	0.0	34.0	0.0	0.0	0.0	-	-	-	-
16	16		1.Fl	-	-	31.4	0.0	31.3	0.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	33.6	0.0	33.5	0.0	-0.1	0.0	-	-	-	-
17	17		1.Fl	-	-	32.0	0.0	30.4	0.0	-1.6	0.0	-	-	-	-
18	18		1.Fl	-	-	43.7	0.0	43.7	0.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	44.6	0.0	44.6	0.0	0.0	0.0	-	-	-	-
19	19		1.Fl	-	-	43.0	0.0	42.9	0.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	43.4	0.0	43.5	0.0	0.0	0.0	-	-	-	-
20	20		1.Fl	-	-	36.1	0.0	31.3	0.0	-4.8	0.0	-	-	-	-
			2.Fl	-	-	41.9	0.0	37.3	0.0	-4.6	0.0	-	-	-	-
21	21		1.Fl	-	-	38.6	0.0	33.7	0.0	-4.9	0.0	-	-	-	-
			2.Fl	-	-	41.1	0.0	39.2	0.0	-1.9	0.0	-	-	-	-
22	22		1.Fl	-	-	36.4	0.0	34.8	0.0	-1.6	0.0	-	-	-	-
23	23		1.Fl	-	-	35.8	0.0	35.3	0.0	-0.5	0.0	-	-	-	-
			2.Fl	-	-	37.5	0.0	36.8	0.0	-0.7	0.0	-	-	-	-
24	24		1.Fl	-	-	32.7	0.0	32.1	0.0	-0.5	0.0	-	-	-	-
			2.Fl	-	-	34.7	0.0	34.2	0.0	-0.5	0.0	-	-	-	-
25	25		1.Fl	-	-	30.6	0.0	30.6	0.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	34.1	0.0	34.1	0.0	0.0	0.0	-	-	-	-
26	26		1.Fl	-	-	28.8	0.0	28.8	0.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	31.9	0.0	31.8	0.0	0.0	0.0	-	-	-	-
27	27		1.Fl	-	-	32.7	0.0	31.7	0.0	-1.0	0.0	-	-	-	-
			2.Fl	-	-	33.8	0.0	33.5	0.0	-0.3	0.0	-	-	-	-
28	28		1.Fl	-	-	31.3	0.0	31.1	0.0	-0.2	0.0	-	-	-	-
			2.Fl	-	-	34.5	0.0	33.8	0.0	-0.7	0.0	-	-	-	-
29	29		1.Fl	-	-	30.4	0.0	29.9	0.0	-0.6	0.0	-	-	-	-
			2.Fl	-	-	33.9	0.0	33.3	0.0	-0.6	0.0	-	-	-	-
30	30		1.Fl	-	-	32.4	0.0	31.4	0.0	-0.9	0.0	-	-	-	-
			2.Fl	-	-	35.4	0.0	34.6	0.0	-0.8	0.0	-	-	-	-
31	31		1.Fl	-	-	56.1	0.0	48.4	0.0	-7.7	0.0	-	-	-	-
32	32		1.Fl	-	-	54.1	0.0	47.4	0.0	-6.7	0.0	-	-	-	-
33	33		1.Fl	-	-	41.2	0.0	38.1	0.0	-3.1	0.0	-	-	-	-
34	34		1.Fl	-	-	54.6	0.0	54.6	0.0	0.0	0.0	-	-	-	-

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
1	1.Fl	42.1	-28.2	-28.2	59.0	42.1	-28.2	-28.2	59.0
1		-0.7	0.0	0.0	0.0	-0.7	0.0	0.0	0.0
1		28.6	-39.4	-39.4	50.6	28.6	-39.4	-39.4	50.6
2		9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
2		37.0	-31.0	-31.0	59.0	37.0	-31.0	-31.0	59.0
3		16.7	-53.3	-53.3	36.7	16.7	-53.3	-53.3	36.7
3		14.1	0.0	0.0	0.0	14.1	0.0	0.0	0.0
4		0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0
4		37.3	-32.7	-32.7	57.3	37.3	-32.7	-32.7	57.3
5		17.9	0.0	0.0	0.0	17.9	0.0	0.0	0.0
5		22.9	-47.1	-47.1	42.9	22.9	-47.1	-47.1	42.9
6		1.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0
6		22.2	-45.8	-45.8	44.2	22.2	-45.8	-45.8	44.2
7		1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0
7		10.6	-57.4	-57.4	32.6	10.6	-57.4	-57.4	32.6
8		35.3	0.0	0.0	0.0	35.3	0.0	0.0	0.0
8		19.8	-48.2	-48.2	41.8	19.5	-48.5	-48.5	41.5
9		22.8	0.0	0.0	0.0	22.8	0.0	0.0	0.0
10		8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
11		17.1	0.0	0.0	0.0	17.1	0.0	0.0	0.0
12		19.7	0.0	0.0	0.0	19.7	0.0	0.0	0.0
HVAC1		19.9	-65.1	-65.1	0.0	19.9	-65.1	-65.1	0.0
HVAC2		20.5	-64.5	-64.5	0.0	20.5	-64.5	-64.5	0.0
HVAC3		18.8	-66.2	-66.2	0.0	18.8	-66.2	-66.2	0.0
HVAC4		22.6	-62.4	-62.4	0.0	22.6	-62.4	-62.4	0.0
HVAC5		21.4	-63.6	-63.6	0.0	21.4	-63.6	-63.6	0.0
HVAC6		20.6	-64.4	-64.4	0.0	20.6	-64.4	-64.4	0.0
HVAC7		18.6	-66.4	-66.4	0.0	18.6	-66.4	-66.4	0.0
Trash Pick Up Area 1		-11.3	-72.6	-72.6	0.0	-11.3	-72.6	-72.6	0.0
Trash Pick Up Area 2		-26.3	-87.5	-87.5	0.0	-26.3	-87.5	-87.5	0.0
Trash Pick Up Area 3		-24.3	-85.6	-85.6	0.0	-24.3	-85.6	-85.6	0.0
Trash Pick Up Area 4		-2.3	-63.6	-63.6	0.0	-2.3	-63.6	-63.6	0.0
Trash Pick Up Area 5		-8.8	-70.1	-70.1	0.0	-8.8	-70.1	-70.1	0.0
1	2.Fl	44.4	-25.6	-25.6	61.2	44.4	-25.7	-25.7	61.2
1		-0.8	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
1		31.3	-36.7	-36.7	53.3	31.3	-36.7	-36.7	53.3
2		10.1	0.0	0.0	0.0	10.1	0.0	0.0	0.0
2		39.2	-28.8	-28.8	61.2	39.2	-28.8	-28.8	61.2
3		17.4	-52.6	-52.6	37.4	17.4	-52.6	-52.6	37.4
3		15.9	0.0	0.0	0.0	15.9	0.0	0.0	0.0
4		2.1	0.0	0.0	0.0	2.1	0.0	0.0	0.0
4		40.1	-29.9	-29.9	60.1	40.1	-29.9	-29.9	60.1
5		18.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
5		29.8	-40.2	-40.2	49.8	29.7	-40.3	-40.3	49.7
6		1.9	0.0	0.0	0.0	1.9	0.0	0.0	0.0
6		23.9	-44.1	-44.1	45.9	23.9	-44.1	-44.1	45.9
7		2.3	0.0	0.0	0.0	2.3	0.0	0.0	0.0
7		10.8	-57.2	-57.2	32.8	10.8	-57.2	-57.2	32.8
8		36.6	0.0	0.0	0.0	36.6	0.0	0.0	0.0
8		23.1	-44.9	-44.9	45.1	22.6	-45.4	-45.4	44.6
9		23.3	0.0	0.0	0.0	23.3	0.0	0.0	0.0
10		8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
11		17.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0
12		21.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0
HVAC1		22.2	-62.8	-62.8	0.0	22.2	-62.8	-62.8	0.0
HVAC2		21.7	-63.3	-63.3	0.0	21.7	-63.3	-63.3	0.0
HVAC3		19.2	-65.8	-65.8	0.0	19.2	-65.8	-65.8	0.0
HVAC4		24.0	-61.0	-61.0	0.0	24.0	-61.0	-61.0	0.0
HVAC5		22.3	-62.7	-62.7	0.0	22.3	-62.7	-62.7	0.0
HVAC6		20.7	-64.3	-64.3	0.0	20.7	-64.3	-64.3	0.0
HVAC7		18.7	-66.3	-66.3	0.0	18.7	-66.3	-66.3	0.0
Trash Pick Up Area 1		-7.3	-68.6	-68.6	0.0	-7.3	-68.6	-68.6	0.0
Trash Pick Up Area 2		-21.5	-82.8	-82.8	0.0	-21.5	-82.8	-82.8	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
Trash Pick Up Area 3	-24.5	-85.7	-85.7	0.0	-24.5	-85.7	-85.7	0.0
Trash Pick Up Area 4	1.0	-60.3	-60.3	0.0	1.0	-60.3	-60.3	0.0
Trash Pick Up Area 5	-6.7	-68.0	-68.0	0.0	-6.7	-68.0	-68.0	0.0
2 1.Fl	30.1	-45.0	-45.0	40.0	30.0	-45.0	-45.0	40.0
1	11.4	0.0	0.0	0.0	10.0	0.0	0.0	0.0
1	18.0	-50.0	-50.0	40.0	18.0	-50.0	-50.0	40.0
2	16.6	0.0	0.0	0.0	15.0	0.0	0.0	0.0
2	12.5	-55.5	-55.5	34.5	12.5	-55.5	-55.5	34.5
3	13.3	-56.7	-56.7	33.3	13.3	-56.7	-56.7	33.3
3	4.7	0.0	0.0	0.0	4.7	0.0	0.0	0.0
4	-8.1	0.0	0.0	0.0	-8.1	0.0	0.0	0.0
4	12.2	-57.8	-57.8	32.2	12.2	-57.8	-57.8	32.2
5	8.5	0.0	0.0	0.0	8.5	0.0	0.0	0.0
5	19.1	-50.9	-50.9	39.1	19.1	-50.9	-50.9	39.1
6	-7.5	0.0	0.0	0.0	-7.5	0.0	0.0	0.0
6	14.7	-53.3	-53.3	36.7	14.7	-53.3	-53.3	36.7
7	-7.5	0.0	0.0	0.0	-7.5	0.0	0.0	0.0
7	-6.4	-74.4	-74.4	15.6	-6.4	-74.4	-74.4	15.6
8	22.3	0.0	0.0	0.0	22.3	0.0	0.0	0.0
8	5.2	-62.8	-62.8	27.2	5.2	-62.8	-62.8	27.2
9	14.1	0.0	0.0	0.0	14.1	0.0	0.0	0.0
10	2.6	0.0	0.0	0.0	2.6	0.0	0.0	0.0
11	7.7	0.0	0.0	0.0	7.7	0.0	0.0	0.0
12	12.3	0.0	0.0	0.0	12.3	0.0	0.0	0.0
HVAC1	21.0	-64.0	-64.0	0.0	21.0	-64.0	-64.0	0.0
HVAC2	23.0	-62.0	-62.0	0.0	23.0	-62.0	-62.0	0.0
HVAC3	22.0	-63.0	-63.0	0.0	22.0	-63.0	-63.0	0.0
HVAC4	4.6	-80.4	-80.4	0.0	4.6	-80.4	-80.4	0.0
HVAC5	2.9	-82.1	-82.1	0.0	2.9	-82.1	-82.1	0.0
HVAC6	1.6	-83.4	-83.4	0.0	1.6	-83.4	-83.4	0.0
HVAC7	0.3	-84.7	-84.7	0.0	0.3	-84.7	-84.7	0.0
Trash Pick Up Area 1	-18.9	-80.2	-80.2	0.0	-18.9	-80.2	-80.2	0.0
Trash Pick Up Area 2	-24.2	-85.5	-85.5	0.0	-24.2	-85.5	-85.5	0.0
Trash Pick Up Area 3	-28.6	-89.9	-89.9	0.0	-28.6	-89.9	-89.9	0.0
Trash Pick Up Area 4	-24.9	-86.2	-86.2	0.0	-24.9	-86.2	-86.2	0.0
Trash Pick Up Area 5	-30.5	-91.8	-91.8	0.0	-30.5	-91.8	-91.8	0.0
2 2.Fl	31.8	-44.2	-44.2	40.4	31.8	-44.2	-44.2	40.4
1	11.5	0.0	0.0	0.0	10.8	0.0	0.0	0.0
1	18.4	-49.6	-49.6	40.4	18.4	-49.6	-49.6	40.4
2	16.8	0.0	0.0	0.0	15.7	0.0	0.0	0.0
2	14.3	-53.7	-53.7	36.3	14.3	-53.7	-53.7	36.3
3	13.9	-56.1	-56.1	33.9	13.9	-56.1	-56.1	33.9
3	4.8	0.0	0.0	0.0	4.8	0.0	0.0	0.0
4	-7.8	0.0	0.0	0.0	-7.8	0.0	0.0	0.0
4	12.3	-57.7	-57.7	32.3	12.3	-57.7	-57.7	32.3
5	9.2	0.0	0.0	0.0	9.2	0.0	0.0	0.0
5	19.1	-50.9	-50.9	39.1	19.1	-50.9	-50.9	39.1
6	-6.9	0.0	0.0	0.0	-6.9	0.0	0.0	0.0
6	16.5	-51.5	-51.5	38.5	16.5	-51.5	-51.5	38.5
7	-6.8	0.0	0.0	0.0	-6.8	0.0	0.0	0.0
7	-6.4	-74.4	-74.4	15.6	-6.4	-74.4	-74.4	15.6
8	23.4	0.0	0.0	0.0	23.4	0.0	0.0	0.0
8	5.6	-62.4	-62.4	27.6	5.6	-62.4	-62.4	27.6
9	16.4	0.0	0.0	0.0	16.4	0.0	0.0	0.0
10	4.4	0.0	0.0	0.0	4.4	0.0	0.0	0.0
11	7.9	0.0	0.0	0.0	7.9	0.0	0.0	0.0
12	13.4	0.0	0.0	0.0	13.4	0.0	0.0	0.0
HVAC1	23.6	-61.4	-61.4	0.0	23.6	-61.4	-61.4	0.0
HVAC2	25.5	-59.5	-59.5	0.0	25.5	-59.5	-59.5	0.0
HVAC3	24.6	-60.4	-60.4	0.0	24.6	-60.4	-60.4	0.0
HVAC4	7.1	-77.9	-77.9	0.0	7.1	-77.9	-77.9	0.0
HVAC5	5.7	-79.3	-79.3	0.0	5.7	-79.3	-79.3	0.0
HVAC6	4.6	-80.4	-80.4	0.0	4.6	-80.4	-80.4	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC7	3.6	-81.4	-81.4	0.0	3.6	-81.4	-81.4	0.0
Trash Pick Up Area 1	-18.8	-80.1	-80.1	0.0	-18.8	-80.1	-80.1	0.0
Trash Pick Up Area 2	-24.1	-85.3	-85.3	0.0	-24.1	-85.3	-85.3	0.0
Trash Pick Up Area 3	-27.6	-88.9	-88.9	0.0	-27.6	-88.9	-88.9	0.0
Trash Pick Up Area 4	-24.8	-86.0	-86.0	0.0	-24.8	-86.0	-86.0	0.0
Trash Pick Up Area 5	-30.1	-91.4	-91.4	0.0	-30.1	-91.4	-91.4	0.0
2 1.Fl	38.9	-33.6	-33.6	51.9	38.9	-33.6	-33.6	51.9
1	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
1	27.5	-40.5	-40.5	49.5	27.5	-40.5	-40.5	49.5
2	10.2	0.0	0.0	0.0	10.2	0.0	0.0	0.0
2	29.9	-38.1	-38.1	51.9	29.9	-38.1	-38.1	51.9
3	13.5	-56.5	-56.5	33.5	13.5	-56.5	-56.5	33.5
3	15.7	0.0	0.0	0.0	15.7	0.0	0.0	0.0
4	1.8	0.0	0.0	0.0	1.8	0.0	0.0	0.0
4	29.7	-40.3	-40.3	49.7	29.7	-40.3	-40.3	49.7
5	17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0
5	28.1	-41.9	-41.9	48.1	28.1	-41.9	-41.9	48.1
6	1.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0
6	16.6	-51.4	-51.4	38.6	16.6	-51.4	-51.4	38.6
7	1.9	0.0	0.0	0.0	1.9	0.0	0.0	0.0
7	0.4	-67.6	-67.6	22.4	0.4	-67.6	-67.6	22.4
8	35.1	0.0	0.0	0.0	35.1	0.0	0.0	0.0
8	21.7	-46.3	-46.3	43.7	21.7	-46.3	-46.3	43.7
9	17.4	0.0	0.0	0.0	17.4	0.0	0.0	0.0
10	2.9	0.0	0.0	0.0	2.9	0.0	0.0	0.0
11	11.5	0.0	0.0	0.0	11.5	0.0	0.0	0.0
12	19.5	0.0	0.0	0.0	19.5	0.0	0.0	0.0
HVAC1	24.4	-60.6	-60.6	0.0	24.4	-60.6	-60.6	0.0
HVAC2	22.4	-62.6	-62.6	0.0	22.4	-62.6	-62.6	0.0
HVAC3	20.0	-65.0	-65.0	0.0	20.0	-65.0	-65.0	0.0
HVAC4	21.2	-63.8	-63.8	0.0	21.2	-63.8	-63.8	0.0
HVAC5	20.0	-65.0	-65.0	0.0	20.0	-65.0	-65.0	0.0
HVAC6	18.7	-66.3	-66.3	0.0	18.7	-66.3	-66.3	0.0
HVAC7	17.1	-67.9	-67.9	0.0	17.1	-67.9	-67.9	0.0
Trash Pick Up Area 1	-9.5	-70.7	-70.7	0.0	-9.5	-70.7	-70.7	0.0
Trash Pick Up Area 2	-25.0	-86.2	-86.2	0.0	-25.0	-86.2	-86.2	0.0
Trash Pick Up Area 3	-28.9	-90.2	-90.2	0.0	-28.9	-90.2	-90.2	0.0
Trash Pick Up Area 4	-14.3	-75.6	-75.6	0.0	-14.3	-75.6	-75.6	0.0
Trash Pick Up Area 5	-13.0	-74.3	-74.3	0.0	-13.0	-74.3	-74.3	0.0
2 2.Fl	43.4	-27.7	-27.7	57.7	43.4	-27.7	-27.7	57.7
1	5.3	0.0	0.0	0.0	5.3	0.0	0.0	0.0
1	34.0	-34.0	-34.0	56.0	34.0	-34.0	-34.0	56.0
2	13.4	0.0	0.0	0.0	13.4	0.0	0.0	0.0
2	35.7	-32.3	-32.3	57.7	35.7	-32.3	-32.3	57.7
3	15.3	-54.7	-54.7	35.3	15.3	-54.7	-54.7	35.3
3	17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0
4	4.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
4	35.4	-34.6	-34.6	55.4	35.4	-34.6	-34.6	55.4
5	19.6	0.0	0.0	0.0	19.6	0.0	0.0	0.0
5	34.6	-35.4	-35.4	54.6	34.6	-35.4	-35.4	54.6
6	3.6	0.0	0.0	0.0	3.6	0.0	0.0	0.0
6	20.9	-47.1	-47.1	42.9	20.9	-47.1	-47.1	42.9
7	4.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
7	4.8	-63.2	-63.2	26.8	4.8	-63.2	-63.2	26.8
8	38.2	0.0	0.0	0.0	38.2	0.0	0.0	0.0
8	25.2	-42.8	-42.8	47.2	25.2	-42.8	-42.8	47.2
9	23.7	0.0	0.0	0.0	23.7	0.0	0.0	0.0
10	8.7	0.0	0.0	0.0	8.7	0.0	0.0	0.0
11	16.8	0.0	0.0	0.0	16.8	0.0	0.0	0.0
12	21.1	0.0	0.0	0.0	21.1	0.0	0.0	0.0
HVAC1	27.4	-57.6	-57.6	0.0	27.4	-57.6	-57.6	0.0
HVAC2	23.3	-61.7	-61.7	0.0	23.3	-61.7	-61.7	0.0
HVAC3	20.8	-64.2	-64.2	0.0	20.8	-64.2	-64.2	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC4	24.1	-60.9	-60.9	0.0	24.1	-60.9	-60.9	0.0
HVAC5	21.9	-63.1	-63.1	0.0	21.9	-63.1	-63.1	0.0
HVAC6	20.1	-64.9	-64.9	0.0	20.1	-64.9	-64.9	0.0
HVAC7	17.9	-67.1	-67.1	0.0	17.9	-67.1	-67.1	0.0
Trash Pick Up Area 1	-5.4	-66.7	-66.7	0.0	-5.4	-66.7	-66.7	0.0
Trash Pick Up Area 2	-25.1	-86.4	-86.4	0.0	-25.1	-86.4	-86.4	0.0
Trash Pick Up Area 3	-23.8	-85.1	-85.1	0.0	-23.8	-85.1	-85.1	0.0
Trash Pick Up Area 4	-13.8	-75.1	-75.1	0.0	-13.8	-75.1	-75.1	0.0
Trash Pick Up Area 5	-9.5	-70.8	-70.8	0.0	-9.5	-70.8	-70.8	0.0
3 1.Fl	39.0	-31.6	-31.6	55.8	39.0	-31.6	-31.6	55.8
1	1.1	0.0	0.0	0.0	1.1	0.0	0.0	0.0
1	27.8	-40.2	-40.2	49.8	27.8	-40.2	-40.2	49.8
2	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
2	33.8	-34.2	-34.2	55.8	33.8	-34.2	-34.2	55.8
3	13.2	-56.8	-56.8	33.2	13.2	-56.8	-56.8	33.2
3	14.5	0.0	0.0	0.0	14.5	0.0	0.0	0.0
4	0.9	0.0	0.0	0.0	0.9	0.0	0.0	0.0
4	31.8	-38.2	-38.2	51.8	31.8	-38.2	-38.2	51.8
5	16.5	0.0	0.0	0.0	16.5	0.0	0.0	0.0
5	25.4	-44.6	-44.6	45.4	25.4	-44.6	-44.6	45.4
6	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
6	16.6	-51.4	-51.4	38.6	16.6	-51.4	-51.4	38.6
7	0.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0
7	-2.4	-70.4	-70.4	19.6	-2.4	-70.4	-70.4	19.6
8	33.1	0.0	0.0	0.0	33.1	0.0	0.0	0.0
8	19.7	-48.3	-48.3	41.7	19.7	-48.3	-48.3	41.7
9	16.9	0.0	0.0	0.0	16.9	0.0	0.0	0.0
10	2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0
11	10.9	0.0	0.0	0.0	10.9	0.0	0.0	0.0
12	19.1	0.0	0.0	0.0	19.1	0.0	0.0	0.0
HVAC1	24.0	-61.0	-61.0	0.0	24.0	-61.0	-61.0	0.0
HVAC2	19.5	-65.5	-65.5	0.0	19.5	-65.5	-65.5	0.0
HVAC3	16.7	-68.3	-68.3	0.0	16.7	-68.3	-68.3	0.0
HVAC4	18.1	-66.9	-66.9	0.0	18.1	-66.9	-66.9	0.0
HVAC5	17.1	-67.9	-67.9	0.0	17.1	-67.9	-67.9	0.0
HVAC6	16.5	-68.5	-68.5	0.0	16.5	-68.5	-68.5	0.0
HVAC7	15.8	-69.2	-69.2	0.0	15.8	-69.2	-69.2	0.0
Trash Pick Up Area 1	-10.2	-71.5	-71.5	0.0	-10.2	-71.5	-71.5	0.0
Trash Pick Up Area 2	-25.0	-86.2	-86.2	0.0	-25.0	-86.2	-86.2	0.0
Trash Pick Up Area 3	-29.3	-90.6	-90.6	0.0	-29.3	-90.6	-90.6	0.0
Trash Pick Up Area 4	-16.9	-78.2	-78.2	0.0	-16.9	-78.2	-78.2	0.0
Trash Pick Up Area 5	-11.6	-72.9	-72.9	0.0	-11.6	-72.9	-72.9	0.0
3 2.Fl	44.4	-26.1	-26.1	59.1	44.4	-26.1	-26.1	59.1
1	6.1	0.0	0.0	0.0	6.1	0.0	0.0	0.0
1	37.1	-30.9	-30.9	59.1	37.1	-30.9	-30.9	59.1
2	14.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0
2	36.6	-31.4	-31.4	58.6	36.6	-31.4	-31.4	58.6
3	18.3	-51.7	-51.7	38.3	18.3	-51.7	-51.7	38.3
3	18.5	0.0	0.0	0.0	18.5	0.0	0.0	0.0
4	4.6	0.0	0.0	0.0	4.6	0.0	0.0	0.0
4	36.4	-33.6	-33.6	56.4	36.4	-33.6	-33.6	56.4
5	20.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
5	35.0	-35.0	-35.0	55.0	35.0	-35.0	-35.0	55.0
6	4.1	0.0	0.0	0.0	4.1	0.0	0.0	0.0
6	25.6	-42.4	-42.4	47.6	25.6	-42.4	-42.4	47.6
7	4.5	0.0	0.0	0.0	4.5	0.0	0.0	0.0
7	5.1	-62.9	-62.9	27.1	5.1	-62.9	-62.9	27.1
8	38.4	0.0	0.0	0.0	38.4	0.0	0.0	0.0
8	25.5	-42.5	-42.5	47.5	25.5	-42.5	-42.5	47.5
9	23.5	0.0	0.0	0.0	23.5	0.0	0.0	0.0
10	9.1	0.0	0.0	0.0	9.1	0.0	0.0	0.0
11	16.3	0.0	0.0	0.0	16.3	0.0	0.0	0.0
12	23.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC1	29.2	-55.8	-55.8	0.0	29.2	-55.8	-55.8	0.0
HVAC2	25.4	-59.6	-59.6	0.0	25.4	-59.6	-59.6	0.0
HVAC3	22.7	-62.3	-62.3	0.0	22.7	-62.3	-62.3	0.0
HVAC4	23.4	-61.6	-61.6	0.0	23.4	-61.6	-61.6	0.0
HVAC5	21.1	-63.9	-63.9	0.0	21.1	-63.9	-63.9	0.0
HVAC6	19.2	-65.8	-65.8	0.0	19.2	-65.8	-65.8	0.0
HVAC7	17.2	-67.8	-67.8	0.0	17.2	-67.8	-67.8	0.0
Trash Pick Up Area 1	-4.6	-65.8	-65.8	0.0	-4.6	-65.8	-65.8	0.0
Trash Pick Up Area 2	-20.1	-81.3	-81.3	0.0	-20.1	-81.3	-81.3	0.0
Trash Pick Up Area 3	-24.0	-85.3	-85.3	0.0	-24.0	-85.3	-85.3	0.0
Trash Pick Up Area 4	-16.5	-77.7	-77.7	0.0	-16.5	-77.7	-77.7	0.0
Trash Pick Up Area 5	-8.3	-69.6	-69.6	0.0	-8.3	-69.6	-69.6	0.0
4 1.Fl	43.8	-27.0	-27.0	61.8	43.8	-27.0	-27.0	61.8
1	6.1	0.0	0.0	0.0	6.1	0.0	0.0	0.0
1	39.8	-28.2	-28.2	61.8	39.8	-28.2	-28.2	61.8
2	12.6	0.0	0.0	0.0	12.6	0.0	0.0	0.0
2	31.9	-36.1	-36.1	53.9	31.9	-36.1	-36.1	53.9
3	17.9	-52.1	-52.1	37.9	17.9	-52.1	-52.1	37.9
3	14.5	0.0	0.0	0.0	14.5	0.0	0.0	0.0
4	3.9	0.0	0.0	0.0	3.9	0.0	0.0	0.0
4	29.7	-40.3	-40.3	49.7	29.7	-40.3	-40.3	49.7
5	20.3	0.0	0.0	0.0	20.3	0.0	0.0	0.0
5	25.8	-44.2	-44.2	45.8	25.8	-44.2	-44.2	45.8
6	4.1	0.0	0.0	0.0	4.1	0.0	0.0	0.0
6	24.4	-43.6	-43.6	46.4	24.4	-43.6	-43.6	46.4
7	4.7	0.0	0.0	0.0	4.7	0.0	0.0	0.0
7	-3.1	-71.1	-71.1	18.9	-3.1	-71.1	-71.1	18.9
8	38.2	0.0	0.0	0.0	38.2	0.0	0.0	0.0
8	23.7	-44.3	-44.3	45.7	23.7	-44.3	-44.3	45.7
9	22.8	0.0	0.0	0.0	22.8	0.0	0.0	0.0
10	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
11	10.9	0.0	0.0	0.0	10.9	0.0	0.0	0.0
12	23.6	0.0	0.0	0.0	23.6	0.0	0.0	0.0
HVAC1	33.3	-51.7	-51.7	0.0	33.3	-51.7	-51.7	0.0
HVAC2	27.1	-57.9	-57.9	0.0	27.1	-57.9	-57.9	0.0
HVAC3	23.3	-61.7	-61.7	0.0	23.3	-61.7	-61.7	0.0
HVAC4	24.7	-60.3	-60.3	0.0	24.7	-60.3	-60.3	0.0
HVAC5	22.1	-62.9	-62.9	0.0	22.1	-62.9	-62.9	0.0
HVAC6	20.0	-65.0	-65.0	0.0	20.0	-65.0	-65.0	0.0
HVAC7	16.9	-68.1	-68.1	0.0	16.9	-68.1	-68.1	0.0
Trash Pick Up Area 1	-12.1	-73.3	-73.3	0.0	-12.1	-73.3	-73.3	0.0
Trash Pick Up Area 2	-20.1	-81.4	-81.4	0.0	-20.1	-81.4	-81.4	0.0
Trash Pick Up Area 3	-24.1	-85.4	-85.4	0.0	-24.1	-85.4	-85.4	0.0
Trash Pick Up Area 4	-13.1	-74.3	-74.3	0.0	-13.1	-74.3	-74.3	0.0
Trash Pick Up Area 5	-12.4	-73.6	-73.6	0.0	-12.4	-73.6	-73.6	0.0
4 2.Fl	44.8	-25.7	-25.7	62.6	44.8	-25.6	-25.6	62.6
1	6.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
1	40.6	-27.4	-27.4	62.6	40.6	-27.4	-27.4	62.6
2	12.5	0.0	0.0	0.0	12.5	0.0	0.0	0.0
2	34.2	-33.8	-33.8	56.2	34.2	-33.8	-33.8	56.2
3	17.9	-52.1	-52.1	37.9	17.9	-52.1	-52.1	37.9
3	15.2	0.0	0.0	0.0	15.2	0.0	0.0	0.0
4	4.6	0.0	0.0	0.0	4.6	0.0	0.0	0.0
4	34.5	-35.5	-35.5	54.5	34.6	-35.4	-35.4	54.6
5	20.9	0.0	0.0	0.0	20.9	0.0	0.0	0.0
5	27.2	-42.8	-42.8	47.2	27.2	-42.8	-42.8	47.2
6	3.7	0.0	0.0	0.0	3.7	0.0	0.0	0.0
6	25.4	-42.6	-42.6	47.4	25.4	-42.6	-42.6	47.4
7	4.4	0.0	0.0	0.0	4.4	0.0	0.0	0.0
7	2.7	-65.3	-65.3	24.7	2.7	-65.3	-65.3	24.7
8	38.6	0.0	0.0	0.0	38.6	0.0	0.0	0.0
8	25.7	-42.3	-42.3	47.7	25.7	-42.3	-42.3	47.7
9	23.2	0.0	0.0	0.0	23.2	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
10	9.1	0.0	0.0	0.0	9.1	0.0	0.0	0.0
11	11.4	0.0	0.0	0.0	11.4	0.0	0.0	0.0
12	24.2	0.0	0.0	0.0	24.2	0.0	0.0	0.0
HVAC1	33.7	-51.3	-51.3	0.0	33.7	-51.3	-51.3	0.0
HVAC2	27.3	-57.7	-57.7	0.0	27.3	-57.7	-57.7	0.0
HVAC3	23.4	-61.6	-61.6	0.0	23.4	-61.6	-61.6	0.0
HVAC4	24.9	-60.1	-60.1	0.0	24.9	-60.1	-60.1	0.0
HVAC5	22.2	-62.8	-62.8	0.0	22.2	-62.8	-62.8	0.0
HVAC6	20.1	-64.9	-64.9	0.0	20.1	-64.9	-64.9	0.0
HVAC7	17.8	-67.2	-67.2	0.0	17.8	-67.2	-67.2	0.0
Trash Pick Up Area 1	-11.2	-72.5	-72.5	0.0	-11.2	-72.5	-72.5	0.0
Trash Pick Up Area 2	-20.3	-81.6	-81.6	0.0	-20.3	-81.6	-81.6	0.0
Trash Pick Up Area 3	-24.3	-85.5	-85.5	0.0	-24.3	-85.5	-85.5	0.0
Trash Pick Up Area 4	-10.7	-71.9	-71.9	0.0	-10.7	-71.9	-71.9	0.0
Trash Pick Up Area 5	-9.9	-71.1	-71.1	0.0	-9.9	-71.1	-71.1	0.0
5 1.Fl	40.5	-32.3	-32.3	54.9	40.5	-32.3	-32.3	54.9
1	5.8	0.0	0.0	0.0	5.8	0.0	0.0	0.0
1	29.8	-38.2	-38.2	51.8	29.8	-38.2	-38.2	51.8
2	11.6	0.0	0.0	0.0	11.6	0.0	0.0	0.0
2	24.1	-43.9	-43.9	46.1	24.1	-43.9	-43.9	46.1
3	16.5	-53.5	-53.5	36.5	16.5	-53.5	-53.5	36.5
3	7.2	0.0	0.0	0.0	7.2	0.0	0.0	0.0
4	-1.5	0.0	0.0	0.0	-1.5	0.0	0.0	0.0
4	34.9	-35.1	-35.1	54.9	34.9	-35.1	-35.1	54.9
5	17.9	0.0	0.0	0.0	17.9	0.0	0.0	0.0
5	22.0	-48.0	-48.0	42.0	22.0	-48.0	-48.0	42.0
6	1.3	0.0	0.0	0.0	1.3	0.0	0.0	0.0
6	24.6	-43.4	-43.4	46.6	24.6	-43.4	-43.4	46.6
7	1.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0
7	-4.6	-72.6	-72.6	17.4	-4.6	-72.6	-72.6	17.4
8	33.8	0.0	0.0	0.0	33.8	0.0	0.0	0.0
8	18.4	-49.6	-49.6	40.4	18.4	-49.6	-49.6	40.4
9	23.2	0.0	0.0	0.0	23.2	0.0	0.0	0.0
10	8.4	0.0	0.0	0.0	8.4	0.0	0.0	0.0
11	14.7	0.0	0.0	0.0	14.7	0.0	0.0	0.0
12	22.2	0.0	0.0	0.0	22.2	0.0	0.0	0.0
HVAC1	33.6	-51.4	-51.4	0.0	33.6	-51.4	-51.4	0.0
HVAC2	27.1	-57.9	-57.9	0.0	27.1	-57.9	-57.9	0.0
HVAC3	23.2	-61.8	-61.8	0.0	23.2	-61.8	-61.8	0.0
HVAC4	21.3	-63.7	-63.7	0.0	21.3	-63.7	-63.7	0.0
HVAC5	20.3	-64.7	-64.7	0.0	20.3	-64.7	-64.7	0.0
HVAC6	18.4	-66.6	-66.6	0.0	18.4	-66.6	-66.6	0.0
HVAC7	16.5	-68.5	-68.5	0.0	16.5	-68.5	-68.5	0.0
Trash Pick Up Area 1	-18.4	-79.7	-79.7	0.0	-18.4	-79.7	-79.7	0.0
Trash Pick Up Area 2	-26.4	-87.6	-87.6	0.0	-26.4	-87.6	-87.6	0.0
Trash Pick Up Area 3	-25.1	-86.3	-86.3	0.0	-25.1	-86.3	-86.3	0.0
Trash Pick Up Area 4	-16.2	-77.5	-77.5	0.0	-16.2	-77.5	-77.5	0.0
Trash Pick Up Area 5	-12.2	-73.5	-73.5	0.0	-12.2	-73.5	-73.5	0.0
5 2.Fl	41.0	-31.5	-31.5	55.0	41.0	-31.6	-31.6	55.0
1	5.8	0.0	0.0	0.0	5.8	0.0	0.0	0.0
1	31.0	-37.0	-37.0	53.0	31.0	-37.0	-37.0	53.0
2	11.6	0.0	0.0	0.0	11.6	0.0	0.0	0.0
2	27.4	-40.6	-40.6	49.4	26.8	-41.2	-41.2	48.8
3	16.8	-53.2	-53.2	36.8	16.8	-53.2	-53.2	36.8
3	7.3	0.0	0.0	0.0	7.3	0.0	0.0	0.0
4	-1.1	0.0	0.0	0.0	-1.1	0.0	0.0	0.0
4	35.0	-35.0	-35.0	55.0	35.0	-35.0	-35.0	55.0
5	18.3	0.0	0.0	0.0	18.3	0.0	0.0	0.0
5	22.0	-48.0	-48.0	42.0	22.0	-48.0	-48.0	42.0
6	1.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0
6	25.2	-42.8	-42.8	47.2	25.2	-42.8	-42.8	47.2
7	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
7	-4.5	-72.5	-72.5	17.5	-4.5	-72.5	-72.5	17.5

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
8	34.5	0.0	0.0	0.0	34.5	0.0	0.0	0.0
8	18.9	-49.1	-49.1	40.9	18.9	-49.1	-49.1	40.9
9	23.6	0.0	0.0	0.0	23.6	0.0	0.0	0.0
10	8.4	0.0	0.0	0.0	8.4	0.0	0.0	0.0
11	14.8	0.0	0.0	0.0	14.8	0.0	0.0	0.0
12	22.5	0.0	0.0	0.0	22.5	0.0	0.0	0.0
HVAC1	33.9	-51.1	-51.1	0.0	33.9	-51.1	-51.1	0.0
HVAC2	27.3	-57.7	-57.7	0.0	27.3	-57.7	-57.7	0.0
HVAC3	23.3	-61.7	-61.7	0.0	23.3	-61.7	-61.7	0.0
HVAC4	22.8	-62.2	-62.2	0.0	22.8	-62.2	-62.2	0.0
HVAC5	20.4	-64.6	-64.6	0.0	20.4	-64.6	-64.6	0.0
HVAC6	18.5	-66.5	-66.5	0.0	18.5	-66.5	-66.5	0.0
HVAC7	16.6	-68.4	-68.4	0.0	16.6	-68.4	-68.4	0.0
Trash Pick Up Area 1	-18.4	-79.6	-79.6	0.0	-18.4	-79.6	-79.6	0.0
Trash Pick Up Area 2	-21.6	-82.9	-82.9	0.0	-21.6	-82.9	-82.9	0.0
Trash Pick Up Area 3	-25.2	-86.4	-86.4	0.0	-25.2	-86.4	-86.4	0.0
Trash Pick Up Area 4	-16.1	-77.4	-77.4	0.0	-16.1	-77.4	-77.4	0.0
Trash Pick Up Area 5	-11.0	-72.3	-72.3	0.0	-11.0	-72.3	-72.3	0.0
6 1.Fl	36.6	-38.9	-38.9	48.2	36.6	-38.9	-38.9	48.2
1	6.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
1	26.2	-41.8	-41.8	48.2	26.2	-41.8	-41.8	48.2
2	11.8	0.0	0.0	0.0	11.8	0.0	0.0	0.0
2	15.3	-52.7	-52.7	37.3	15.3	-52.7	-52.7	37.3
3	14.0	-56.0	-56.0	34.0	14.0	-56.0	-56.0	34.0
3	5.5	0.0	0.0	0.0	5.5	0.0	0.0	0.0
4	-3.7	0.0	0.0	0.0	-3.7	0.0	0.0	0.0
4	18.6	-51.4	-51.4	38.6	18.3	-51.7	-51.7	38.3
5	16.1	0.0	0.0	0.0	16.1	0.0	0.0	0.0
5	20.0	-50.0	-50.0	40.0	20.0	-50.0	-50.0	40.0
6	-0.6	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
6	22.4	-45.6	-45.6	44.4	22.4	-45.6	-45.6	44.4
7	-0.5	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
7	-5.6	-73.6	-73.6	16.4	-5.6	-73.6	-73.6	16.4
8	31.6	0.0	0.0	0.0	31.6	0.0	0.0	0.0
8	14.7	-53.3	-53.3	36.7	14.6	-53.4	-53.4	36.6
9	20.9	0.0	0.0	0.0	20.9	0.0	0.0	0.0
10	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
11	9.9	0.0	0.0	0.0	9.9	0.0	0.0	0.0
12	21.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
HVAC1	30.6	-54.4	-54.4	0.0	30.6	-54.4	-54.4	0.0
HVAC2	25.6	-59.4	-59.4	0.0	25.6	-59.4	-59.4	0.0
HVAC3	22.2	-62.8	-62.8	0.0	22.2	-62.8	-62.8	0.0
HVAC4	20.1	-64.9	-64.9	0.0	20.1	-64.9	-64.9	0.0
HVAC5	18.9	-66.1	-66.1	0.0	18.9	-66.1	-66.1	0.0
HVAC6	17.2	-67.8	-67.8	0.0	17.2	-67.8	-67.8	0.0
HVAC7	13.7	-71.3	-71.3	0.0	13.7	-71.3	-71.3	0.0
Trash Pick Up Area 1	-19.6	-80.8	-80.8	0.0	-19.6	-80.8	-80.8	0.0
Trash Pick Up Area 2	-26.9	-88.1	-88.1	0.0	-26.9	-88.1	-88.1	0.0
Trash Pick Up Area 3	-25.5	-86.7	-86.7	0.0	-25.5	-86.7	-86.7	0.0
Trash Pick Up Area 4	-17.5	-78.7	-78.7	0.0	-17.5	-78.7	-78.7	0.0
Trash Pick Up Area 5	-22.9	-84.2	-84.2	0.0	-22.9	-84.2	-84.2	0.0
6 2.Fl	37.2	-37.5	-37.5	49.3	37.2	-37.5	-37.5	49.4
1	5.8	0.0	0.0	0.0	5.8	0.0	0.0	0.0
1	27.3	-40.7	-40.7	49.3	27.4	-40.6	-40.6	49.4
2	11.7	0.0	0.0	0.0	11.7	0.0	0.0	0.0
2	18.6	-49.4	-49.4	40.6	18.6	-49.4	-49.4	40.6
3	15.3	-54.7	-54.7	35.3	15.3	-54.7	-54.7	35.3
3	5.4	0.0	0.0	0.0	5.4	0.0	0.0	0.0
4	-3.7	0.0	0.0	0.0	-3.6	0.0	0.0	0.0
4	21.2	-48.8	-48.8	41.2	21.3	-48.7	-48.7	41.3
5	16.6	0.0	0.0	0.0	16.6	0.0	0.0	0.0
5	19.9	-50.1	-50.1	39.9	20.0	-50.0	-50.0	40.0
6	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
6	24.0	-44.0	-44.0	46.0	24.0	-44.0	-44.0	46.0
7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
7	-5.4	-73.4	-73.4	16.6	-5.4	-73.4	-73.4	16.6
8	32.2	0.0	0.0	0.0	32.2	0.0	0.0	0.0
8	15.9	-52.1	-52.1	37.9	15.9	-52.1	-52.1	37.9
9	21.7	0.0	0.0	0.0	21.7	0.0	0.0	0.0
10	8.1	0.0	0.0	0.0	8.1	0.0	0.0	0.0
11	10.1	0.0	0.0	0.0	10.1	0.0	0.0	0.0
12	21.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
HVAC1	30.8	-54.2	-54.2	0.0	30.8	-54.2	-54.2	0.0
HVAC2	25.8	-59.2	-59.2	0.0	25.8	-59.2	-59.2	0.0
HVAC3	22.4	-62.6	-62.6	0.0	22.4	-62.6	-62.6	0.0
HVAC4	19.9	-65.1	-65.1	0.0	19.9	-65.1	-65.1	0.0
HVAC5	19.0	-66.0	-66.0	0.0	19.0	-66.0	-66.0	0.0
HVAC6	17.3	-67.7	-67.7	0.0	17.3	-67.7	-67.7	0.0
HVAC7	15.5	-69.5	-69.5	0.0	15.5	-69.5	-69.5	0.0
Trash Pick Up Area 1	-19.8	-81.0	-81.0	0.0	-19.8	-81.0	-81.0	0.0
Trash Pick Up Area 2	-27.0	-88.3	-88.3	0.0	-27.0	-88.3	-88.3	0.0
Trash Pick Up Area 3	-25.5	-86.8	-86.8	0.0	-25.5	-86.8	-86.8	0.0
Trash Pick Up Area 4	-17.6	-78.9	-78.9	0.0	-17.6	-78.9	-78.9	0.0
Trash Pick Up Area 5	-19.6	-80.9	-80.9	0.0	-19.6	-80.9	-80.9	0.0
7 1.Fl	32.9	-43.0	-43.0	44.6	32.9	-43.1	-43.1	44.6
1	5.2	0.0	0.0	0.0	5.4	0.0	0.0	0.0
1	22.6	-45.4	-45.4	44.6	22.6	-45.4	-45.4	44.6
2	11.1	0.0	0.0	0.0	11.3	0.0	0.0	0.0
2	12.7	-55.3	-55.3	34.7	12.7	-55.3	-55.3	34.7
3	9.8	-60.2	-60.2	29.8	9.8	-60.2	-60.2	29.8
3	4.3	0.0	0.0	0.0	4.3	0.0	0.0	0.0
4	-5.1	0.0	0.0	0.0	-5.1	0.0	0.0	0.0
4	13.7	-56.3	-56.3	33.7	13.7	-56.3	-56.3	33.7
5	14.7	0.0	0.0	0.0	14.7	0.0	0.0	0.0
5	18.5	-51.5	-51.5	38.5	18.5	-51.5	-51.5	38.5
6	-2.0	0.0	0.0	0.0	-2.0	0.0	0.0	0.0
6	14.2	-53.8	-53.8	36.2	14.2	-53.8	-53.8	36.2
7	-1.9	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
7	-6.1	-74.1	-74.1	15.9	-6.1	-74.1	-74.1	15.9
8	28.2	0.0	0.0	0.0	28.2	0.0	0.0	0.0
8	6.0	-62.0	-62.0	28.0	6.0	-62.0	-62.0	28.0
9	12.9	0.0	0.0	0.0	12.9	0.0	0.0	0.0
10	-0.4	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
11	7.5	0.0	0.0	0.0	7.5	0.0	0.0	0.0
12	19.6	0.0	0.0	0.0	19.6	0.0	0.0	0.0
HVAC1	26.6	-58.4	-58.4	0.0	26.6	-58.4	-58.4	0.0
HVAC2	23.1	-61.9	-61.9	0.0	23.1	-61.9	-61.9	0.0
HVAC3	20.5	-64.5	-64.5	0.0	20.5	-64.5	-64.5	0.0
HVAC4	6.6	-78.4	-78.4	0.0	6.6	-78.4	-78.4	0.0
HVAC5	5.5	-79.5	-79.5	0.0	5.5	-79.5	-79.5	0.0
HVAC6	4.5	-80.5	-80.5	0.0	4.5	-80.5	-80.5	0.0
HVAC7	-0.5	-85.5	-85.5	0.0	-0.5	-85.5	-85.5	0.0
Trash Pick Up Area 1	-20.7	-82.0	-82.0	0.0	-20.7	-82.0	-82.0	0.0
Trash Pick Up Area 2	-27.6	-88.9	-88.9	0.0	-27.6	-88.9	-88.9	0.0
Trash Pick Up Area 3	-31.8	-93.0	-93.0	0.0	-31.8	-93.0	-93.0	0.0
Trash Pick Up Area 4	-24.1	-85.4	-85.4	0.0	-24.1	-85.4	-85.4	0.0
Trash Pick Up Area 5	-26.3	-87.6	-87.6	0.0	-26.3	-87.6	-87.6	0.0
7 2.Fl	34.5	-40.9	-40.9	47.1	34.5	-40.9	-40.9	47.1
1	5.1	0.0	0.0	0.0	5.3	0.0	0.0	0.0
1	25.1	-42.9	-42.9	47.1	25.1	-42.9	-42.9	47.1
2	11.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0
2	15.6	-52.4	-52.4	37.6	15.6	-52.4	-52.4	37.6
3	10.0	-60.0	-60.0	30.0	10.0	-60.0	-60.0	30.0
3	4.4	0.0	0.0	0.0	4.4	0.0	0.0	0.0
4	-5.0	0.0	0.0	0.0	-5.0	0.0	0.0	0.0
4	15.7	-54.3	-54.3	35.7	15.7	-54.3	-54.3	35.7

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
5	15.4	0.0	0.0	0.0	15.4	0.0	0.0	0.0
5	18.5	-51.5	-51.5	38.5	18.5	-51.5	-51.5	38.5
6	-1.5	0.0	0.0	0.0	-1.5	0.0	0.0	0.0
6	16.7	-51.3	-51.3	38.7	16.7	-51.3	-51.3	38.7
7	-1.3	0.0	0.0	0.0	-1.3	0.0	0.0	0.0
7	-5.8	-73.8	-73.8	16.2	-5.8	-73.8	-73.8	16.2
8	30.1	0.0	0.0	0.0	30.1	0.0	0.0	0.0
8	6.5	-61.5	-61.5	28.5	6.5	-61.5	-61.5	28.5
9	14.7	0.0	0.0	0.0	14.7	0.0	0.0	0.0
10	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0
11	7.9	0.0	0.0	0.0	7.9	0.0	0.0	0.0
12	20.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
HVAC1	28.1	-56.9	-56.9	0.0	28.1	-56.9	-56.9	0.0
HVAC2	24.2	-60.8	-60.8	0.0	24.2	-60.8	-60.8	0.0
HVAC3	21.2	-63.8	-63.8	0.0	21.2	-63.8	-63.8	0.0
HVAC4	10.2	-74.8	-74.8	0.0	10.2	-74.8	-74.8	0.0
HVAC5	10.0	-75.0	-75.0	0.0	10.0	-75.0	-75.0	0.0
HVAC6	8.9	-76.1	-76.1	0.0	8.9	-76.1	-76.1	0.0
HVAC7	4.2	-80.8	-80.8	0.0	4.2	-80.8	-80.8	0.0
Trash Pick Up Area 1	-20.7	-82.0	-82.0	0.0	-20.7	-82.0	-82.0	0.0
Trash Pick Up Area 2	-27.7	-89.0	-89.0	0.0	-27.7	-89.0	-89.0	0.0
Trash Pick Up Area 3	-31.6	-92.9	-92.9	0.0	-31.6	-92.9	-92.9	0.0
Trash Pick Up Area 4	-24.0	-85.3	-85.3	0.0	-24.0	-85.3	-85.3	0.0
Trash Pick Up Area 5	-23.1	-84.3	-84.3	0.0	-23.1	-84.3	-84.3	0.0
8 1.Fl	33.9	-38.3	-38.3	49.1	33.9	-38.5	-38.5	49.0
1	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0
1	18.2	-49.8	-49.8	40.2	18.2	-49.8	-49.8	40.2
2	5.2	0.0	0.0	0.0	5.2	0.0	0.0	0.0
2	23.8	-44.2	-44.2	45.8	23.2	-44.8	-44.8	45.2
3	10.3	-59.7	-59.7	30.3	10.3	-59.7	-59.7	30.3
3	-1.1	0.0	0.0	0.0	-1.1	0.0	0.0	0.0
4	-11.8	0.0	0.0	0.0	-11.8	0.0	0.0	0.0
4	29.1	-40.9	-40.9	49.1	29.0	-41.0	-41.0	49.0
5	8.6	0.0	0.0	0.0	8.6	0.0	0.0	0.0
5	14.2	-55.8	-55.8	34.2	14.2	-55.8	-55.8	34.2
6	-9.8	0.0	0.0	0.0	-9.8	0.0	0.0	0.0
6	17.7	-50.3	-50.3	39.7	17.7	-50.3	-50.3	39.7
7	-7.1	0.0	0.0	0.0	-7.1	0.0	0.0	0.0
7	-6.2	-74.2	-74.2	15.8	-6.2	-74.2	-74.2	15.8
8	25.9	0.0	0.0	0.0	25.8	0.0	0.0	0.0
8	12.6	-55.4	-55.4	34.6	12.6	-55.4	-55.4	34.6
9	18.9	0.0	0.0	0.0	19.0	0.0	0.0	0.0
10	2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0
11	12.6	0.0	0.0	0.0	13.0	0.0	0.0	0.0
12	16.3	0.0	0.0	0.0	16.3	0.0	0.0	0.0
HVAC1	26.8	-58.2	-58.2	0.0	26.8	-58.2	-58.2	0.0
HVAC2	11.3	-73.7	-73.7	0.0	11.3	-73.7	-73.7	0.0
HVAC3	8.9	-76.1	-76.1	0.0	8.9	-76.1	-76.1	0.0
HVAC4	18.5	-66.5	-66.5	0.0	18.5	-66.5	-66.5	0.0
HVAC5	17.3	-67.7	-67.7	0.0	17.3	-67.7	-67.7	0.0
HVAC6	16.3	-68.7	-68.7	0.0	16.3	-68.7	-68.7	0.0
HVAC7	14.6	-70.4	-70.4	0.0	14.6	-70.4	-70.4	0.0
Trash Pick Up Area 1	-25.4	-86.7	-86.7	0.0	-25.4	-86.7	-86.7	0.0
Trash Pick Up Area 2	-27.6	-88.9	-88.9	0.0	-27.6	-88.9	-88.9	0.0
Trash Pick Up Area 3	-31.1	-92.4	-92.4	0.0	-31.1	-92.4	-92.4	0.0
Trash Pick Up Area 4	-23.1	-84.4	-84.4	0.0	-23.1	-84.4	-84.4	0.0
Trash Pick Up Area 5	-13.6	-74.9	-74.9	0.0	-13.6	-74.9	-74.9	0.0
8 2.Fl	35.9	-36.6	-36.6	49.8	35.8	-36.8	-36.8	49.6
1	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
1	23.8	-44.2	-44.2	45.8	23.8	-44.2	-44.2	45.8
2	5.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0
2	25.5	-42.5	-42.5	47.5	24.9	-43.1	-43.1	46.9
3	10.4	-59.6	-59.6	30.4	10.4	-59.6	-59.6	30.4

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
3	-0.8	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
4	-11.2	0.0	0.0	0.0	-11.2	0.0	0.0	0.0
4	29.8	-40.2	-40.2	49.8	29.6	-40.4	-40.4	49.6
5	12.6	0.0	0.0	0.0	12.6	0.0	0.0	0.0
5	18.8	-51.2	-51.2	38.8	18.8	-51.2	-51.2	38.8
6	-8.5	0.0	0.0	0.0	-8.5	0.0	0.0	0.0
6	19.5	-48.5	-48.5	41.5	19.5	-48.5	-48.5	41.5
7	-2.2	0.0	0.0	0.0	-2.2	0.0	0.0	0.0
7	-6.1	-74.1	-74.1	15.9	-6.1	-74.1	-74.1	15.9
8	29.8	0.0	0.0	0.0	29.7	0.0	0.0	0.0
8	12.8	-55.2	-55.2	34.8	12.9	-55.1	-55.1	34.9
9	20.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
10	2.9	0.0	0.0	0.0	2.9	0.0	0.0	0.0
11	13.7	0.0	0.0	0.0	13.7	0.0	0.0	0.0
12	20.2	0.0	0.0	0.0	20.2	0.0	0.0	0.0
HVAC1	27.7	-57.3	-57.3	0.0	27.7	-57.3	-57.3	0.0
HVAC2	18.8	-66.2	-66.2	0.0	18.8	-66.2	-66.2	0.0
HVAC3	15.7	-69.3	-69.3	0.0	15.7	-69.3	-69.3	0.0
HVAC4	19.0	-66.0	-66.0	0.0	19.0	-66.0	-66.0	0.0
HVAC5	17.3	-67.7	-67.7	0.0	17.3	-67.7	-67.7	0.0
HVAC6	16.4	-68.6	-68.6	0.0	16.4	-68.6	-68.6	0.0
HVAC7	14.7	-70.3	-70.3	0.0	14.7	-70.3	-70.3	0.0
Trash Pick Up Area 1	-25.5	-86.8	-86.8	0.0	-25.5	-86.8	-86.8	0.0
Trash Pick Up Area 2	-27.5	-88.8	-88.8	0.0	-27.5	-88.8	-88.8	0.0
Trash Pick Up Area 3	-31.1	-92.4	-92.4	0.0	-31.1	-92.4	-92.4	0.0
Trash Pick Up Area 4	-18.5	-79.7	-79.7	0.0	-18.9	-80.2	-80.2	0.0
Trash Pick Up Area 5	-13.1	-74.4	-74.4	0.0	-13.1	-74.4	-74.4	0.0
9 1.Fl	37.2	-33.5	-33.5	55.0	37.3	-33.5	-33.5	55.1
1	3.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
1	19.1	-48.9	-48.9	41.1	19.1	-48.9	-48.9	41.1
2	8.3	0.0	0.0	0.0	8.9	0.0	0.0	0.0
2	33.0	-35.0	-35.0	55.0	33.1	-34.9	-34.9	55.1
3	11.1	-58.9	-58.9	31.1	11.1	-58.9	-58.9	31.1
3	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
4	-9.8	0.0	0.0	0.0	-9.8	0.0	0.0	0.0
4	29.6	-40.4	-40.4	49.6	29.6	-40.4	-40.4	49.6
5	10.3	0.0	0.0	0.0	10.3	0.0	0.0	0.0
5	16.0	-54.0	-54.0	36.0	16.0	-54.0	-54.0	36.0
6	-6.8	0.0	0.0	0.0	-6.8	0.0	0.0	0.0
6	17.9	-50.1	-50.1	39.9	17.9	-50.1	-50.1	39.9
7	-6.5	0.0	0.0	0.0	-6.5	0.0	0.0	0.0
7	-0.3	-68.3	-68.3	21.7	-0.3	-68.3	-68.3	21.7
8	26.1	0.0	0.0	0.0	26.1	0.0	0.0	0.0
8	8.5	-59.5	-59.5	30.5	8.5	-59.5	-59.5	30.5
9	18.8	0.0	0.0	0.0	18.8	0.0	0.0	0.0
10	2.6	0.0	0.0	0.0	2.6	0.0	0.0	0.0
11	11.2	0.0	0.0	0.0	11.2	0.0	0.0	0.0
12	16.5	0.0	0.0	0.0	16.5	0.0	0.0	0.0
HVAC1	29.5	-55.5	-55.5	0.0	29.5	-55.5	-55.5	0.0
HVAC2	25.3	-59.7	-59.7	0.0	25.3	-59.7	-59.7	0.0
HVAC3	22.1	-62.9	-62.9	0.0	22.1	-62.9	-62.9	0.0
HVAC4	19.1	-65.9	-65.9	0.0	19.1	-65.9	-65.9	0.0
HVAC5	17.9	-67.1	-67.1	0.0	17.9	-67.1	-67.1	0.0
HVAC6	16.3	-68.7	-68.7	0.0	16.3	-68.7	-68.7	0.0
HVAC7	14.7	-70.3	-70.3	0.0	14.7	-70.3	-70.3	0.0
Trash Pick Up Area 1	-24.2	-85.5	-85.5	0.0	-24.2	-85.5	-85.5	0.0
Trash Pick Up Area 2	-26.9	-88.2	-88.2	0.0	-26.9	-88.2	-88.2	0.0
Trash Pick Up Area 3	-30.8	-92.1	-92.1	0.0	-30.8	-92.1	-92.1	0.0
Trash Pick Up Area 4	-22.3	-83.5	-83.5	0.0	-22.3	-83.5	-83.5	0.0
Trash Pick Up Area 5	-12.8	-74.1	-74.1	0.0	-12.8	-74.1	-74.1	0.0
9 2.Fl	39.3	-32.5	-32.5	55.8	39.3	-32.5	-32.5	55.7
1	6.8	0.0	0.0	0.0	6.9	0.0	0.0	0.0
1	25.1	-42.9	-42.9	47.1	25.1	-42.9	-42.9	47.1

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
2	12.4	0.0	0.0	0.0	12.6	0.0	0.0	0.0
2	33.8	-34.2	-34.2	55.8	33.7	-34.3	-34.3	55.7
3	11.3	-58.7	-58.7	31.3	11.3	-58.7	-58.7	31.3
3	5.2	0.0	0.0	0.0	5.2	0.0	0.0	0.0
4	-4.9	0.0	0.0	0.0	-4.9	0.0	0.0	0.0
4	29.8	-40.2	-40.2	49.8	29.8	-40.2	-40.2	49.8
5	15.5	0.0	0.0	0.0	15.5	0.0	0.0	0.0
5	20.9	-49.1	-49.1	40.9	20.9	-49.1	-49.1	40.9
6	-1.5	0.0	0.0	0.0	-1.5	0.0	0.0	0.0
6	20.6	-47.4	-47.4	42.6	20.6	-47.4	-47.4	42.6
7	-1.3	0.0	0.0	0.0	-1.3	0.0	0.0	0.0
7	0.5	-67.5	-67.5	22.5	0.5	-67.5	-67.5	22.5
8	30.8	0.0	0.0	0.0	30.8	0.0	0.0	0.0
8	9.1	-58.9	-58.9	31.1	9.1	-58.9	-58.9	31.1
9	20.9	0.0	0.0	0.0	20.9	0.0	0.0	0.0
10	3.5	0.0	0.0	0.0	3.5	0.0	0.0	0.0
11	11.5	0.0	0.0	0.0	11.5	0.0	0.0	0.0
12	21.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0
HVAC1	33.2	-51.8	-51.8	0.0	33.2	-51.8	-51.8	0.0
HVAC2	27.5	-57.5	-57.5	0.0	27.5	-57.5	-57.5	0.0
HVAC3	23.7	-61.3	-61.3	0.0	23.7	-61.3	-61.3	0.0
HVAC4	19.9	-65.1	-65.1	0.0	19.9	-65.1	-65.1	0.0
HVAC5	17.9	-67.1	-67.1	0.0	17.9	-67.1	-67.1	0.0
HVAC6	16.3	-68.7	-68.7	0.0	16.3	-68.7	-68.7	0.0
HVAC7	14.7	-70.3	-70.3	0.0	14.7	-70.3	-70.3	0.0
Trash Pick Up Area 1	-19.4	-80.7	-80.7	0.0	-19.4	-80.7	-80.7	0.0
Trash Pick Up Area 2	-26.8	-88.0	-88.0	0.0	-26.8	-88.0	-88.0	0.0
Trash Pick Up Area 3	-30.6	-91.9	-91.9	0.0	-30.6	-91.9	-91.9	0.0
Trash Pick Up Area 4	-22.3	-83.6	-83.6	0.0	-22.3	-83.6	-83.6	0.0
Trash Pick Up Area 5	-12.9	-74.2	-74.2	0.0	-12.9	-74.2	-74.2	0.0
10 1.Fl	32.5	-43.4	-43.4	41.0	32.5	-43.5	-43.5	40.7
1	4.2	0.0	0.0	0.0	4.1	0.0	0.0	0.0
1	17.9	-50.1	-50.1	39.9	17.9	-50.1	-50.1	39.9
2	9.3	0.0	0.0	0.0	9.3	0.0	0.0	0.0
2	19.0	-49.0	-49.0	41.0	18.7	-49.3	-49.3	40.7
3	11.5	-58.5	-58.5	31.5	11.5	-58.5	-58.5	31.5
3	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
4	-9.9	0.0	0.0	0.0	-9.9	0.0	0.0	0.0
4	18.0	-52.0	-52.0	38.0	18.0	-52.0	-52.0	38.0
5	8.9	0.0	0.0	0.0	8.9	0.0	0.0	0.0
5	17.3	-52.7	-52.7	37.3	17.3	-52.7	-52.7	37.3
6	-7.8	0.0	0.0	0.0	-7.8	0.0	0.0	0.0
6	15.3	-52.7	-52.7	37.3	15.3	-52.7	-52.7	37.3
7	-7.6	0.0	0.0	0.0	-7.6	0.0	0.0	0.0
7	-5.8	-73.8	-73.8	16.2	-6.0	-74.0	-74.0	16.0
8	24.1	0.0	0.0	0.0	24.1	0.0	0.0	0.0
8	7.4	-60.6	-60.6	29.4	7.4	-60.6	-60.6	29.4
9	15.8	0.0	0.0	0.0	15.8	0.0	0.0	0.0
10	1.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0
11	8.3	0.0	0.0	0.0	8.2	0.0	0.0	0.0
12	14.1	0.0	0.0	0.0	14.0	0.0	0.0	0.0
HVAC1	27.4	-57.6	-57.6	0.0	27.4	-57.6	-57.6	0.0
HVAC2	25.2	-59.8	-59.8	0.0	25.2	-59.8	-59.8	0.0
HVAC3	22.9	-62.1	-62.1	0.0	22.9	-62.1	-62.1	0.0
HVAC4	9.9	-75.1	-75.1	0.0	9.9	-75.1	-75.1	0.0
HVAC5	9.0	-76.0	-76.0	0.0	9.0	-76.0	-76.0	0.0
HVAC6	8.2	-76.8	-76.8	0.0	8.2	-76.8	-76.8	0.0
HVAC7	7.4	-77.6	-77.6	0.0	7.4	-77.6	-77.6	0.0
Trash Pick Up Area 1	-23.1	-84.3	-84.3	0.0	-23.1	-84.4	-84.4	0.0
Trash Pick Up Area 2	-26.3	-87.5	-87.5	0.0	-26.3	-87.5	-87.5	0.0
Trash Pick Up Area 3	-30.7	-91.9	-91.9	0.0	-30.7	-91.9	-91.9	0.0
Trash Pick Up Area 4	-23.3	-84.6	-84.6	0.0	-23.4	-84.7	-84.7	0.0
Trash Pick Up Area 5	-19.7	-81.0	-81.0	0.0	-19.9	-81.1	-81.1	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
10	2.Fl	34.7	-41.1	-41.1	44.8	34.7	-41.1	-41.1	44.8
1		4.1	0.0	0.0	0.0	4.0	0.0	0.0	0.0
1		18.7	-49.3	-49.3	40.7	18.7	-49.3	-49.3	40.7
2		9.3	0.0	0.0	0.0	9.3	0.0	0.0	0.0
2		22.8	-45.2	-45.2	44.8	22.8	-45.2	-45.2	44.8
3		11.6	-58.4	-58.4	31.6	11.6	-58.4	-58.4	31.6
3		1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
4		-9.7	0.0	0.0	0.0	-9.7	0.0	0.0	0.0
4		21.1	-48.9	-48.9	41.1	21.1	-48.9	-48.9	41.1
5		9.7	0.0	0.0	0.0	9.7	0.0	0.0	0.0
5		17.3	-52.7	-52.7	37.3	17.3	-52.7	-52.7	37.3
6		-7.2	0.0	0.0	0.0	-7.2	0.0	0.0	0.0
6		17.2	-50.8	-50.8	39.2	17.2	-50.8	-50.8	39.2
7		-6.9	0.0	0.0	0.0	-6.9	0.0	0.0	0.0
7		-5.6	-73.6	-73.6	16.4	-5.6	-73.6	-73.6	16.4
8		25.2	0.0	0.0	0.0	25.2	0.0	0.0	0.0
8		7.8	-60.2	-60.2	29.8	7.8	-60.2	-60.2	29.8
9		17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0
10		2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0
11		8.4	0.0	0.0	0.0	8.4	0.0	0.0	0.0
12		15.4	0.0	0.0	0.0	15.4	0.0	0.0	0.0
HVAC1		30.7	-54.3	-54.3	0.0	30.7	-54.3	-54.3	0.0
HVAC2		26.8	-58.2	-58.2	0.0	26.8	-58.2	-58.2	0.0
HVAC3		23.3	-61.7	-61.7	0.0	23.3	-61.7	-61.7	0.0
HVAC4		14.5	-70.5	-70.5	0.0	14.5	-70.5	-70.5	0.0
HVAC5		14.4	-70.6	-70.6	0.0	14.4	-70.6	-70.6	0.0
HVAC6		13.9	-71.1	-71.1	0.0	13.9	-71.1	-71.1	0.0
HVAC7		13.0	-72.0	-72.0	0.0	13.0	-72.0	-72.0	0.0
Trash Pick Up Area 1		-23.2	-84.5	-84.5	0.0	-23.2	-84.5	-84.5	0.0
Trash Pick Up Area 2		-26.3	-87.5	-87.5	0.0	-26.3	-87.5	-87.5	0.0
Trash Pick Up Area 3		-30.5	-91.8	-91.8	0.0	-30.5	-91.8	-91.8	0.0
Trash Pick Up Area 4		-23.3	-84.6	-84.6	0.0	-23.3	-84.6	-84.6	0.0
Trash Pick Up Area 5		-16.2	-77.4	-77.4	0.0	-16.2	-77.4	-77.4	0.0
11	1.Fl	31.3	-44.4	-44.4	39.9	31.3	-44.4	-44.4	39.9
1		5.2	0.0	0.0	0.0	4.9	0.0	0.0	0.0
1		17.9	-50.1	-50.1	39.9	17.9	-50.1	-50.1	39.9
2		10.2	0.0	0.0	0.0	9.9	0.0	0.0	0.0
2		16.3	-51.7	-51.7	38.3	16.3	-51.7	-51.7	38.3
3		11.8	-58.2	-58.2	31.8	11.8	-58.2	-58.2	31.8
3		1.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0
4		-9.8	0.0	0.0	0.0	-9.8	0.0	0.0	0.0
4		15.6	-54.4	-54.4	35.6	15.6	-54.4	-54.4	35.6
5		8.3	0.0	0.0	0.0	8.3	0.0	0.0	0.0
5		18.3	-51.7	-51.7	38.3	18.3	-51.7	-51.7	38.3
6		-8.2	0.0	0.0	0.0	-8.2	0.0	0.0	0.0
6		14.5	-53.5	-53.5	36.5	14.5	-53.5	-53.5	36.5
7		-8.0	0.0	0.0	0.0	-8.0	0.0	0.0	0.0
7		-6.0	-74.0	-74.0	16.0	-6.0	-74.0	-74.0	16.0
8		23.3	0.0	0.0	0.0	23.3	0.0	0.0	0.0
8		7.1	-60.9	-60.9	29.1	7.1	-60.9	-60.9	29.1
9		14.7	0.0	0.0	0.0	14.7	0.0	0.0	0.0
10		1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0
11		8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
12		13.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0
HVAC1		25.6	-59.4	-59.4	0.0	25.5	-59.5	-59.5	0.0
HVAC2		23.8	-61.2	-61.2	0.0	23.8	-61.2	-61.2	0.0
HVAC3		22.4	-62.6	-62.6	0.0	22.4	-62.6	-62.6	0.0
HVAC4		7.2	-77.8	-77.8	0.0	7.2	-77.8	-77.8	0.0
HVAC5		5.9	-79.1	-79.1	0.0	5.9	-79.1	-79.1	0.0
HVAC6		4.8	-80.2	-80.2	0.0	4.8	-80.2	-80.2	0.0
HVAC7		3.8	-81.2	-81.2	0.0	3.8	-81.2	-81.2	0.0
Trash Pick Up Area 1		-22.1	-83.4	-83.4	0.0	-22.1	-83.4	-83.4	0.0
Trash Pick Up Area 2		-25.8	-87.1	-87.1	0.0	-25.8	-87.1	-87.1	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
Trash Pick Up Area 3		-30.5	-91.8	-91.8	0.0	-30.5	-91.8	-91.8	0.0
Trash Pick Up Area 4		-23.6	-84.9	-84.9	0.0	-23.7	-85.0	-85.0	0.0
Trash Pick Up Area 5		-23.5	-84.8	-84.8	0.0	-23.5	-84.8	-84.8	0.0
11	2.Fl	33.6	-42.8	-42.8	41.6	33.6	-42.8	-42.8	41.6
1		5.1	0.0	0.0	0.0	5.4	0.0	0.0	0.0
1		18.6	-49.4	-49.4	40.6	18.5	-49.5	-49.5	40.5
2		10.2	0.0	0.0	0.0	10.9	0.0	0.0	0.0
2		19.6	-48.4	-48.4	41.6	19.6	-48.4	-48.4	41.6
3		12.0	-58.0	-58.0	32.0	12.0	-58.0	-58.0	32.0
3		1.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0
4		-9.5	0.0	0.0	0.0	-9.5	0.0	0.0	0.0
4		17.9	-52.1	-52.1	37.9	17.9	-52.1	-52.1	37.9
5		9.2	0.0	0.0	0.0	9.2	0.0	0.0	0.0
5		18.3	-51.7	-51.7	38.3	18.2	-51.8	-51.8	38.2
6		-7.5	0.0	0.0	0.0	-7.5	0.0	0.0	0.0
6		16.4	-51.6	-51.6	38.4	16.4	-51.6	-51.6	38.4
7		-7.2	0.0	0.0	0.0	-7.2	0.0	0.0	0.0
7		-6.0	-74.0	-74.0	16.0	-6.0	-74.0	-74.0	16.0
8		24.4	0.0	0.0	0.0	24.4	0.0	0.0	0.0
8		7.5	-60.5	-60.5	29.5	7.5	-60.5	-60.5	29.5
9		16.8	0.0	0.0	0.0	16.8	0.0	0.0	0.0
10		2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0
11		8.3	0.0	0.0	0.0	8.2	0.0	0.0	0.0
12		14.4	0.0	0.0	0.0	14.4	0.0	0.0	0.0
HVAC1		29.0	-56.0	-56.0	0.0	29.0	-56.0	-56.0	0.0
HVAC2		26.8	-58.2	-58.2	0.0	26.8	-58.2	-58.2	0.0
HVAC3		24.2	-60.8	-60.8	0.0	24.2	-60.8	-60.8	0.0
HVAC4		10.9	-74.1	-74.1	0.0	10.9	-74.1	-74.1	0.0
HVAC5		10.1	-74.9	-74.9	0.0	10.1	-74.9	-74.9	0.0
HVAC6		9.4	-75.6	-75.6	0.0	9.4	-75.6	-75.6	0.0
HVAC7		8.6	-76.4	-76.4	0.0	8.6	-76.4	-76.4	0.0
Trash Pick Up Area 1		-22.2	-83.5	-83.5	0.0	-22.2	-83.5	-83.5	0.0
Trash Pick Up Area 2		-25.8	-87.0	-87.0	0.0	-25.8	-87.0	-87.0	0.0
Trash Pick Up Area 3		-30.2	-91.5	-91.5	0.0	-30.2	-91.5	-91.5	0.0
Trash Pick Up Area 4		-23.6	-84.8	-84.8	0.0	-23.6	-84.9	-84.9	0.0
Trash Pick Up Area 5		-20.6	-81.8	-81.8	0.0	-20.6	-81.8	-81.8	0.0
12	1.Fl	30.1	-44.9	-44.9	40.1	30.1	-44.9	-44.9	40.1
1		6.4	0.0	0.0	0.0	5.4	0.0	0.0	0.0
1		18.1	-49.9	-49.9	40.1	18.1	-49.9	-49.9	40.1
2		11.7	0.0	0.0	0.0	10.3	0.0	0.0	0.0
2		14.2	-53.8	-53.8	36.2	14.2	-53.8	-53.8	36.2
3		12.2	-57.8	-57.8	32.2	12.2	-57.8	-57.8	32.2
3		2.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0
4		-9.5	0.0	0.0	0.0	-9.5	0.0	0.0	0.0
4		13.6	-56.4	-56.4	33.6	13.6	-56.4	-56.4	33.6
5		7.8	0.0	0.0	0.0	7.8	0.0	0.0	0.0
5		19.1	-50.9	-50.9	39.1	19.1	-50.9	-50.9	39.1
6		-8.4	0.0	0.0	0.0	-8.4	0.0	0.0	0.0
6		13.8	-54.2	-54.2	35.8	13.8	-54.2	-54.2	35.8
7		-8.3	0.0	0.0	0.0	-8.3	0.0	0.0	0.0
7		-6.1	-74.1	-74.1	15.9	-6.1	-74.1	-74.1	15.9
8		22.6	0.0	0.0	0.0	22.6	0.0	0.0	0.0
8		6.8	-61.2	-61.2	28.8	6.8	-61.2	-61.2	28.8
9		13.5	0.0	0.0	0.0	13.5	0.0	0.0	0.0
10		1.1	0.0	0.0	0.0	1.1	0.0	0.0	0.0
11		7.8	0.0	0.0	0.0	7.8	0.0	0.0	0.0
12		12.1	0.0	0.0	0.0	12.1	0.0	0.0	0.0
HVAC1		23.6	-61.4	-61.4	0.0	23.6	-61.4	-61.4	0.0
HVAC2		22.4	-62.6	-62.6	0.0	22.4	-62.6	-62.6	0.0
HVAC3		20.9	-64.1	-64.1	0.0	20.9	-64.1	-64.1	0.0
HVAC4		5.2	-79.8	-79.8	0.0	5.2	-79.8	-79.8	0.0
HVAC5		3.5	-81.5	-81.5	0.0	3.5	-81.5	-81.5	0.0
HVAC6		2.2	-82.8	-82.8	0.0	2.2	-82.8	-82.8	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC7	1.0	-84.0	-84.0	0.0	1.0	-84.0	-84.0	0.0
Trash Pick Up Area 1	-21.1	-82.4	-82.4	0.0	-21.1	-82.4	-82.4	0.0
Trash Pick Up Area 2	-25.3	-86.6	-86.6	0.0	-25.3	-86.6	-86.6	0.0
Trash Pick Up Area 3	-30.4	-91.6	-91.6	0.0	-30.4	-91.6	-91.6	0.0
Trash Pick Up Area 4	-24.0	-85.2	-85.2	0.0	-24.0	-85.3	-85.3	0.0
Trash Pick Up Area 5	-27.7	-89.0	-89.0	0.0	-27.7	-88.9	-88.9	0.0
12 2.Fl	32.1	-43.9	-43.9	40.5	32.1	-43.9	-43.9	40.5
1	6.3	0.0	0.0	0.0	6.2	0.0	0.0	0.0
1	18.5	-49.5	-49.5	40.5	18.5	-49.5	-49.5	40.5
2	11.6	0.0	0.0	0.0	11.3	0.0	0.0	0.0
2	16.8	-51.2	-51.2	38.8	16.8	-51.2	-51.2	38.8
3	12.4	-57.6	-57.6	32.4	12.4	-57.6	-57.6	32.4
3	2.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0
4	-9.2	0.0	0.0	0.0	-9.2	0.0	0.0	0.0
4	14.3	-55.7	-55.7	34.3	14.3	-55.7	-55.7	34.3
5	8.7	0.0	0.0	0.0	8.7	0.0	0.0	0.0
5	19.1	-50.9	-50.9	39.1	19.1	-50.9	-50.9	39.1
6	-7.7	0.0	0.0	0.0	-7.7	0.0	0.0	0.0
6	15.5	-52.5	-52.5	37.5	15.5	-52.5	-52.5	37.5
7	-7.5	0.0	0.0	0.0	-7.5	0.0	0.0	0.0
7	-6.0	-74.0	-74.0	16.0	-6.0	-74.0	-74.0	16.0
8	23.7	0.0	0.0	0.0	23.7	0.0	0.0	0.0
8	7.1	-60.9	-60.9	29.1	7.1	-60.9	-60.9	29.1
9	15.6	0.0	0.0	0.0	15.6	0.0	0.0	0.0
10	2.3	0.0	0.0	0.0	2.3	0.0	0.0	0.0
11	8.1	0.0	0.0	0.0	8.1	0.0	0.0	0.0
12	13.4	0.0	0.0	0.0	13.4	0.0	0.0	0.0
HVAC1	26.5	-58.5	-58.5	0.0	26.5	-58.5	-58.5	0.0
HVAC2	25.3	-59.7	-59.7	0.0	25.3	-59.7	-59.7	0.0
HVAC3	23.5	-61.5	-61.5	0.0	23.5	-61.5	-61.5	0.0
HVAC4	8.1	-76.9	-76.9	0.0	8.1	-76.9	-76.9	0.0
HVAC5	6.7	-78.3	-78.3	0.0	6.7	-78.3	-78.3	0.0
HVAC6	5.7	-79.3	-79.3	0.0	5.7	-79.3	-79.3	0.0
HVAC7	4.7	-80.3	-80.3	0.0	4.7	-80.3	-80.3	0.0
Trash Pick Up Area 1	-21.2	-82.4	-82.4	0.0	-21.2	-82.4	-82.4	0.0
Trash Pick Up Area 2	-25.2	-86.5	-86.5	0.0	-25.2	-86.5	-86.5	0.0
Trash Pick Up Area 3	-30.0	-91.3	-91.3	0.0	-30.0	-91.3	-91.3	0.0
Trash Pick Up Area 4	-23.8	-85.1	-85.1	0.0	-23.8	-85.1	-85.1	0.0
Trash Pick Up Area 5	-26.3	-87.6	-87.6	0.0	-26.3	-87.6	-87.6	0.0
13 1.Fl	30.6	-44.6	-44.6	40.3	30.6	-44.6	-44.6	40.3
1	7.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0
1	18.3	-49.7	-49.7	40.3	18.3	-49.7	-49.7	40.3
2	12.2	0.0	0.0	0.0	11.6	0.0	0.0	0.0
2	14.1	-53.9	-53.9	36.1	14.0	-54.0	-54.0	36.0
3	12.6	-57.4	-57.4	32.6	12.6	-57.4	-57.4	32.6
3	3.1	0.0	0.0	0.0	3.1	0.0	0.0	0.0
4	-9.0	0.0	0.0	0.0	-9.0	0.0	0.0	0.0
4	13.1	-56.9	-56.9	33.1	13.1	-56.9	-56.9	33.1
5	8.2	0.0	0.0	0.0	8.2	0.0	0.0	0.0
5	19.3	-50.7	-50.7	39.3	19.3	-50.7	-50.7	39.3
6	-8.0	0.0	0.0	0.0	-8.0	0.0	0.0	0.0
6	14.6	-53.4	-53.4	36.6	14.6	-53.4	-53.4	36.6
7	-7.8	0.0	0.0	0.0	-7.8	0.0	0.0	0.0
7	-6.2	-74.2	-74.2	15.8	-6.2	-74.2	-74.2	15.8
8	22.8	0.0	0.0	0.0	22.8	0.0	0.0	0.0
8	6.4	-61.6	-61.6	28.4	6.4	-61.6	-61.6	28.4
9	14.3	0.0	0.0	0.0	14.3	0.0	0.0	0.0
10	1.9	0.0	0.0	0.0	1.9	0.0	0.0	0.0
11	7.8	0.0	0.0	0.0	7.8	0.0	0.0	0.0
12	12.5	0.0	0.0	0.0	12.5	0.0	0.0	0.0
HVAC1	23.6	-61.4	-61.4	0.0	23.6	-61.4	-61.4	0.0
HVAC2	23.7	-61.3	-61.3	0.0	23.7	-61.3	-61.3	0.0
HVAC3	21.9	-63.1	-63.1	0.0	21.9	-63.1	-63.1	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC4	5.7	-79.3	-79.3	0.0	5.7	-79.3	-79.3	0.0
HVAC5	4.1	-80.9	-80.9	0.0	4.1	-80.9	-80.9	0.0
HVAC6	2.9	-82.1	-82.1	0.0	2.9	-82.1	-82.1	0.0
HVAC7	1.7	-83.3	-83.3	0.0	1.7	-83.3	-83.3	0.0
Trash Pick Up Area 1	-20.3	-81.6	-81.6	0.0	-20.3	-81.6	-81.6	0.0
Trash Pick Up Area 2	-24.8	-86.0	-86.0	0.0	-24.8	-86.0	-86.0	0.0
Trash Pick Up Area 3	-29.8	-91.1	-91.1	0.0	-29.8	-91.1	-91.1	0.0
Trash Pick Up Area 4	-24.2	-85.5	-85.5	0.0	-24.2	-85.5	-85.5	0.0
Trash Pick Up Area 5	-28.8	-90.1	-90.1	0.0	-28.8	-90.1	-90.1	0.0
13 2.Fl	32.7	-43.6	-43.6	40.7	32.7	-43.6	-43.6	40.7
1	7.8	0.0	0.0	0.0	7.9	0.0	0.0	0.0
1	18.7	-49.3	-49.3	40.7	18.7	-49.3	-49.3	40.7
2	13.2	0.0	0.0	0.0	13.0	0.0	0.0	0.0
2	16.5	-51.5	-51.5	38.5	16.5	-51.5	-51.5	38.5
3	12.9	-57.1	-57.1	32.9	12.9	-57.1	-57.1	32.9
3	3.3	0.0	0.0	0.0	3.3	0.0	0.0	0.0
4	-8.6	0.0	0.0	0.0	-8.6	0.0	0.0	0.0
4	13.5	-56.5	-56.5	33.5	13.5	-56.5	-56.5	33.5
5	9.1	0.0	0.0	0.0	9.1	0.0	0.0	0.0
5	19.3	-50.7	-50.7	39.3	19.3	-50.7	-50.7	39.3
6	-7.3	0.0	0.0	0.0	-7.3	0.0	0.0	0.0
6	16.5	-51.5	-51.5	38.5	16.5	-51.5	-51.5	38.5
7	-7.0	0.0	0.0	0.0	-7.0	0.0	0.0	0.0
7	-6.2	-74.2	-74.2	15.8	-6.2	-74.2	-74.2	15.8
8	23.9	0.0	0.0	0.0	23.9	0.0	0.0	0.0
8	6.8	-61.2	-61.2	28.8	6.8	-61.2	-61.2	28.8
9	16.6	0.0	0.0	0.0	16.6	0.0	0.0	0.0
10	3.3	0.0	0.0	0.0	3.3	0.0	0.0	0.0
11	8.1	0.0	0.0	0.0	8.1	0.0	0.0	0.0
12	13.8	0.0	0.0	0.0	13.8	0.0	0.0	0.0
HVAC1	26.5	-58.5	-58.5	0.0	26.5	-58.5	-58.5	0.0
HVAC2	26.6	-58.4	-58.4	0.0	26.6	-58.4	-58.4	0.0
HVAC3	24.6	-60.4	-60.4	0.0	24.6	-60.4	-60.4	0.0
HVAC4	8.7	-76.3	-76.3	0.0	8.7	-76.3	-76.3	0.0
HVAC5	7.5	-77.5	-77.5	0.0	7.5	-77.5	-77.5	0.0
HVAC6	6.6	-78.4	-78.4	0.0	6.6	-78.4	-78.4	0.0
HVAC7	5.6	-79.4	-79.4	0.0	5.6	-79.4	-79.4	0.0
Trash Pick Up Area 1	-20.2	-81.5	-81.5	0.0	-20.2	-81.5	-81.5	0.0
Trash Pick Up Area 2	-24.6	-85.9	-85.9	0.0	-24.6	-85.9	-85.9	0.0
Trash Pick Up Area 3	-29.3	-90.6	-90.6	0.0	-29.3	-90.6	-90.6	0.0
Trash Pick Up Area 4	-24.1	-85.4	-85.4	0.0	-24.1	-85.4	-85.4	0.0
Trash Pick Up Area 5	-27.9	-89.2	-89.2	0.0	-27.9	-89.2	-89.2	0.0
14 1.Fl	31.5	-44.3	-44.3	40.4	31.5	-44.3	-44.3	40.4
1	9.6	0.0	0.0	0.0	9.4	0.0	0.0	0.0
1	18.4	-49.6	-49.6	40.4	18.4	-49.6	-49.6	40.4
2	14.6	0.0	0.0	0.0	14.2	0.0	0.0	0.0
2	14.4	-53.6	-53.6	36.4	14.4	-53.6	-53.6	36.4
3	13.2	-56.8	-56.8	33.2	13.2	-56.8	-56.8	33.2
3	4.1	0.0	0.0	0.0	4.1	0.0	0.0	0.0
4	-8.3	0.0	0.0	0.0	-8.3	0.0	0.0	0.0
4	12.7	-57.3	-57.3	32.7	12.7	-57.3	-57.3	32.7
5	8.9	0.0	0.0	0.0	8.9	0.0	0.0	0.0
5	19.3	-50.7	-50.7	39.3	19.3	-50.7	-50.7	39.3
6	-7.4	0.0	0.0	0.0	-7.4	0.0	0.0	0.0
6	15.7	-52.3	-52.3	37.7	15.7	-52.3	-52.3	37.7
7	-7.2	0.0	0.0	0.0	-7.2	0.0	0.0	0.0
7	-6.3	-74.3	-74.3	15.7	-6.3	-74.3	-74.3	15.7
8	23.2	0.0	0.0	0.0	23.2	0.0	0.0	0.0
8	6.0	-62.0	-62.0	28.0	6.0	-62.0	-62.0	28.0
9	15.7	0.0	0.0	0.0	15.7	0.0	0.0	0.0
10	3.3	0.0	0.0	0.0	3.3	0.0	0.0	0.0
11	7.9	0.0	0.0	0.0	7.9	0.0	0.0	0.0
12	13.1	0.0	0.0	0.0	13.1	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC1	23.9	-61.1	-61.1	0.0	23.9	-61.1	-61.1	0.0
HVAC2	25.2	-59.8	-59.8	0.0	25.2	-59.8	-59.8	0.0
HVAC3	23.6	-61.4	-61.4	0.0	23.6	-61.4	-61.4	0.0
HVAC4	6.8	-78.2	-78.2	0.0	6.8	-78.2	-78.2	0.0
HVAC5	5.3	-79.7	-79.7	0.0	5.3	-79.7	-79.7	0.0
HVAC6	4.2	-80.8	-80.8	0.0	4.2	-80.8	-80.8	0.0
HVAC7	3.1	-81.9	-81.9	0.0	3.1	-81.9	-81.9	0.0
Trash Pick Up Area 1	-19.4	-80.7	-80.7	0.0	-19.4	-80.7	-80.7	0.0
Trash Pick Up Area 2	-24.3	-85.6	-85.6	0.0	-24.3	-85.6	-85.6	0.0
Trash Pick Up Area 3	-28.8	-90.0	-90.0	0.0	-28.8	-90.0	-90.0	0.0
Trash Pick Up Area 4	-24.5	-85.8	-85.8	0.0	-24.5	-85.8	-85.8	0.0
Trash Pick Up Area 5	-29.5	-90.8	-90.8	0.0	-29.5	-90.8	-90.8	0.0
14 2.Fl	33.9	-43.0	-43.0	41.0	33.9	-43.0	-43.0	41.0
1	10.1	0.0	0.0	0.0	10.4	0.0	0.0	0.0
1	19.0	-49.0	-49.0	41.0	19.0	-49.0	-49.0	41.0
2	15.3	0.0	0.0	0.0	16.1	0.0	0.0	0.0
2	17.1	-50.9	-50.9	39.1	17.1	-50.9	-50.9	39.1
3	13.7	-56.3	-56.3	33.7	13.7	-56.3	-56.3	33.7
3	4.3	0.0	0.0	0.0	4.3	0.0	0.0	0.0
4	-7.9	0.0	0.0	0.0	-7.9	0.0	0.0	0.0
4	12.9	-57.1	-57.1	32.9	12.9	-57.1	-57.1	32.9
5	9.8	0.0	0.0	0.0	9.8	0.0	0.0	0.0
5	19.3	-50.7	-50.7	39.3	19.3	-50.7	-50.7	39.3
6	-6.6	0.0	0.0	0.0	-6.6	0.0	0.0	0.0
6	18.2	-49.8	-49.8	40.2	18.2	-49.8	-49.8	40.2
7	-6.3	0.0	0.0	0.0	-6.3	0.0	0.0	0.0
7	-6.2	-74.2	-74.2	15.8	-6.2	-74.2	-74.2	15.8
8	24.4	0.0	0.0	0.0	24.4	0.0	0.0	0.0
8	6.4	-61.6	-61.6	28.4	6.4	-61.6	-61.6	28.4
9	18.4	0.0	0.0	0.0	18.4	0.0	0.0	0.0
10	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
11	8.2	0.0	0.0	0.0	8.2	0.0	0.0	0.0
12	14.4	0.0	0.0	0.0	14.4	0.0	0.0	0.0
HVAC1	27.0	-58.0	-58.0	0.0	27.0	-58.0	-58.0	0.0
HVAC2	28.5	-56.5	-56.5	0.0	28.5	-56.5	-56.5	0.0
HVAC3	26.6	-58.4	-58.4	0.0	26.6	-58.4	-58.4	0.0
HVAC4	10.1	-74.9	-74.9	0.0	10.1	-74.9	-74.9	0.0
HVAC5	9.2	-75.8	-75.8	0.0	9.2	-75.8	-75.8	0.0
HVAC6	8.4	-76.6	-76.6	0.0	8.4	-76.6	-76.6	0.0
HVAC7	7.6	-77.4	-77.4	0.0	7.6	-77.4	-77.4	0.0
Trash Pick Up Area 1	-19.3	-80.6	-80.6	0.0	-19.3	-80.6	-80.6	0.0
Trash Pick Up Area 2	-24.2	-85.4	-85.4	0.0	-24.2	-85.4	-85.4	0.0
Trash Pick Up Area 3	-28.0	-89.3	-89.3	0.0	-28.0	-89.3	-89.3	0.0
Trash Pick Up Area 4	-24.4	-85.7	-85.7	0.0	-24.4	-85.7	-85.7	0.0
Trash Pick Up Area 5	-28.9	-90.2	-90.2	0.0	-28.9	-90.2	-90.2	0.0
16 1.Fl	31.3	-44.7	-44.7	40.0	31.2	-44.7	-44.7	40.0
1	14.1	0.0	0.0	0.0	12.3	0.0	0.0	0.0
1	18.0	-50.0	-50.0	40.0	18.0	-50.0	-50.0	40.0
2	20.8	0.0	0.0	0.0	19.2	0.0	0.0	0.0
2	13.2	-54.8	-54.8	35.2	13.2	-54.8	-54.8	35.2
3	14.4	-55.6	-55.6	34.4	14.4	-55.6	-55.6	34.4
3	5.5	0.0	0.0	0.0	5.5	0.0	0.0	0.0
4	-7.6	0.0	0.0	0.0	-7.6	0.0	0.0	0.0
4	11.8	-58.2	-58.2	31.8	11.8	-58.2	-58.2	31.8
5	9.2	0.0	0.0	0.0	9.2	0.0	0.0	0.0
5	18.6	-51.4	-51.4	38.6	18.6	-51.4	-51.4	38.6
6	-6.9	0.0	0.0	0.0	-6.9	0.0	0.0	0.0
6	16.2	-51.8	-51.8	38.2	16.2	-51.8	-51.8	38.2
7	-6.9	0.0	0.0	0.0	-6.9	0.0	0.0	0.0
7	-6.5	-74.5	-74.5	15.5	-6.5	-74.5	-74.5	15.5
8	22.9	0.0	0.0	0.0	22.9	0.0	0.0	0.0
8	5.1	-62.9	-62.9	27.1	5.1	-62.9	-62.9	27.1
9	16.2	0.0	0.0	0.0	16.2	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
10		4.8	0.0	0.0	0.0	4.8	0.0	0.0	0.0
11		7.8	0.0	0.0	0.0	7.8	0.0	0.0	0.0
12		13.2	0.0	0.0	0.0	13.2	0.0	0.0	0.0
HVAC1		22.1	-62.9	-62.9	0.0	22.1	-62.9	-62.9	0.0
HVAC2		24.0	-61.0	-61.0	0.0	24.0	-61.0	-61.0	0.0
HVAC3		24.3	-60.7	-60.7	0.0	24.3	-60.7	-60.7	0.0
HVAC4		6.1	-78.9	-78.9	0.0	6.1	-78.9	-78.9	0.0
HVAC5		4.6	-80.4	-80.4	0.0	4.6	-80.4	-80.4	0.0
HVAC6		3.4	-81.6	-81.6	0.0	3.4	-81.6	-81.6	0.0
HVAC7		2.3	-82.7	-82.7	0.0	2.3	-82.7	-82.7	0.0
Trash Pick Up Area 1		-18.6	-79.8	-79.8	0.0	-18.6	-79.8	-79.8	0.0
Trash Pick Up Area 2		-24.0	-85.3	-85.3	0.0	-24.0	-85.3	-85.3	0.0
Trash Pick Up Area 3		-26.6	-87.9	-87.9	0.0	-26.6	-87.9	-87.9	0.0
Trash Pick Up Area 4		-25.3	-86.5	-86.5	0.0	-25.3	-86.5	-86.5	0.0
Trash Pick Up Area 5		-30.8	-92.0	-92.0	0.0	-30.8	-92.0	-92.0	0.0
16	2.Fl	33.5	-43.4	-43.4	40.7	33.4	-43.4	-43.4	40.7
1		14.7	0.0	0.0	0.0	13.4	0.0	0.0	0.0
1		18.5	-49.5	-49.5	40.5	18.5	-49.5	-49.5	40.5
2		21.4	0.0	0.0	0.0	19.9	0.0	0.0	0.0
2		15.4	-52.6	-52.6	37.4	15.4	-52.6	-52.6	37.4
3		15.8	-54.2	-54.2	35.8	15.8	-54.2	-54.2	35.8
3		5.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0
4		-7.1	0.0	0.0	0.0	-7.1	0.0	0.0	0.0
4		12.0	-58.0	-58.0	32.0	12.0	-58.0	-58.0	32.0
5		10.2	0.0	0.0	0.0	10.2	0.0	0.0	0.0
5		18.6	-51.4	-51.4	38.6	18.6	-51.4	-51.4	38.6
6		-6.0	0.0	0.0	0.0	-6.0	0.0	0.0	0.0
6		18.7	-49.3	-49.3	40.7	18.7	-49.3	-49.3	40.7
7		-6.0	0.0	0.0	0.0	-6.0	0.0	0.0	0.0
7		-6.5	-74.5	-74.5	15.5	-6.5	-74.5	-74.5	15.5
8		24.1	0.0	0.0	0.0	24.1	0.0	0.0	0.0
8		5.8	-62.2	-62.2	27.8	5.8	-62.2	-62.2	27.8
9		19.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0
10		7.3	0.0	0.0	0.0	7.3	0.0	0.0	0.0
11		8.1	0.0	0.0	0.0	8.1	0.0	0.0	0.0
12		14.5	0.0	0.0	0.0	14.5	0.0	0.0	0.0
HVAC1		24.9	-60.1	-60.1	0.0	24.9	-60.1	-60.1	0.0
HVAC2		27.1	-57.9	-57.9	0.0	27.1	-57.9	-57.9	0.0
HVAC3		27.4	-57.6	-57.6	0.0	27.4	-57.6	-57.6	0.0
HVAC4		9.3	-75.7	-75.7	0.0	9.3	-75.7	-75.7	0.0
HVAC5		8.2	-76.8	-76.8	0.0	8.2	-76.8	-76.8	0.0
HVAC6		7.4	-77.6	-77.6	0.0	7.4	-77.6	-77.6	0.0
HVAC7		6.5	-78.5	-78.5	0.0	6.5	-78.5	-78.5	0.0
Trash Pick Up Area 1		-18.5	-79.8	-79.8	0.0	-18.5	-79.8	-79.8	0.0
Trash Pick Up Area 2		-23.8	-85.1	-85.1	0.0	-23.8	-85.1	-85.1	0.0
Trash Pick Up Area 3		-24.9	-86.2	-86.2	0.0	-24.9	-86.2	-86.2	0.0
Trash Pick Up Area 4		-25.1	-86.4	-86.4	0.0	-25.1	-86.4	-86.4	0.0
Trash Pick Up Area 5		-30.5	-91.7	-91.7	0.0	-30.5	-91.7	-91.7	0.0
17	1.Fl	31.9	-45.9	-45.9	39.0	30.3	-45.9	-45.9	39.0
1		19.5	0.0	0.0	0.0	16.6	0.0	0.0	0.0
1		17.0	-51.0	-51.0	39.0	17.0	-51.0	-51.0	39.0
2		28.7	0.0	0.0	0.0	24.9	0.0	0.0	0.0
2		11.1	-56.9	-56.9	33.1	11.0	-57.0	-57.0	33.0
3		14.0	-56.0	-56.0	34.0	14.0	-56.0	-56.0	34.0
3		6.1	0.0	0.0	0.0	6.1	0.0	0.0	0.0
4		-7.6	0.0	0.0	0.0	-7.6	0.0	0.0	0.0
4		11.3	-58.7	-58.7	31.3	11.2	-58.8	-58.8	31.2
5		8.8	0.0	0.0	0.0	8.8	0.0	0.0	0.0
5		17.7	-52.3	-52.3	37.7	17.7	-52.3	-52.3	37.7
6		-7.0	0.0	0.0	0.0	-7.0	0.0	0.0	0.0
6		14.5	-53.5	-53.5	36.5	14.5	-53.5	-53.5	36.5
7		-7.4	0.0	0.0	0.0	-7.4	0.0	0.0	0.0
7		-6.7	-74.7	-74.7	15.3	-6.7	-74.7	-74.7	15.3

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
8	21.6	0.0	0.0	0.0	21.6	0.0	0.0	0.0
8	4.0	-64.0	-64.0	26.0	4.0	-64.0	-64.0	26.0
9	13.6	0.0	0.0	0.0	13.5	0.0	0.0	0.0
10	3.9	0.0	0.0	0.0	3.9	0.0	0.0	0.0
11	7.5	0.0	0.0	0.0	7.4	0.0	0.0	0.0
12	12.4	0.0	0.0	0.0	12.3	0.0	0.0	0.0
HVAC1	18.6	-66.4	-66.4	0.0	18.6	-66.4	-66.4	0.0
HVAC2	20.0	-65.0	-65.0	0.0	20.0	-65.0	-65.0	0.0
HVAC3	21.9	-63.1	-63.1	0.0	21.8	-63.2	-63.2	0.0
HVAC4	3.0	-82.0	-82.0	0.0	3.0	-82.0	-82.0	0.0
HVAC5	1.3	-83.7	-83.7	0.0	1.3	-83.7	-83.7	0.0
HVAC6	-0.1	-85.1	-85.1	0.0	-0.1	-85.1	-85.1	0.0
HVAC7	-1.4	-86.4	-86.4	0.0	-1.4	-86.4	-86.4	0.0
Trash Pick Up Area 1	-18.7	-80.0	-80.0	0.0	-18.7	-80.0	-80.0	0.0
Trash Pick Up Area 2	-23.9	-85.1	-85.1	0.0	-23.9	-85.2	-85.2	0.0
Trash Pick Up Area 3	-26.0	-87.3	-87.3	0.0	-26.1	-87.3	-87.3	0.0
Trash Pick Up Area 4	-26.1	-87.3	-87.3	0.0	-26.1	-87.3	-87.3	0.0
Trash Pick Up Area 5	-31.5	-92.7	-92.7	0.0	-31.6	-92.9	-92.9	0.0
18 1.Fl	43.7	-37.1	-37.1	52.5	43.7	-37.1	-37.1	52.5
1	38.9	0.0	0.0	0.0	38.9	0.0	0.0	0.0
1	15.7	-52.3	-52.3	37.7	15.7	-52.3	-52.3	37.7
2	41.3	0.0	0.0	0.0	41.2	0.0	0.0	0.0
2	9.9	-58.1	-58.1	31.9	9.9	-58.1	-58.1	31.9
3	17.1	-52.9	-52.9	37.1	17.1	-52.9	-52.9	37.1
3	7.2	0.0	0.0	0.0	7.1	0.0	0.0	0.0
4	-8.2	0.0	0.0	0.0	-8.2	0.0	0.0	0.0
4	10.4	-59.6	-59.6	30.4	10.4	-59.6	-59.6	30.4
5	17.0	0.0	0.0	0.0	17.1	0.0	0.0	0.0
5	15.8	-54.2	-54.2	35.8	15.8	-54.2	-54.2	35.8
6	-6.6	0.0	0.0	0.0	-6.6	0.0	0.0	0.0
6	30.5	-37.5	-37.5	52.5	30.5	-37.5	-37.5	52.5
7	-7.7	0.0	0.0	0.0	-7.7	0.0	0.0	0.0
7	-7.1	-75.1	-75.1	14.9	-7.1	-75.1	-75.1	14.9
8	20.7	0.0	0.0	0.0	20.7	0.0	0.0	0.0
8	2.8	-65.2	-65.2	24.8	2.8	-65.2	-65.2	24.8
9	23.1	0.0	0.0	0.0	23.1	0.0	0.0	0.0
10	11.1	0.0	0.0	0.0	11.1	0.0	0.0	0.0
11	7.4	0.0	0.0	0.0	7.4	0.0	0.0	0.0
12	25.8	0.0	0.0	0.0	25.8	0.0	0.0	0.0
HVAC1	17.0	-68.0	-68.0	0.0	17.0	-68.0	-68.0	0.0
HVAC2	17.7	-67.3	-67.3	0.0	17.7	-67.3	-67.3	0.0
HVAC3	19.5	-65.5	-65.5	0.0	19.5	-65.5	-65.5	0.0
HVAC4	1.6	-83.4	-83.4	0.0	1.6	-83.4	-83.4	0.0
HVAC5	-0.1	-85.1	-85.1	0.0	-0.1	-85.1	-85.1	0.0
HVAC6	-1.5	-86.5	-86.5	0.0	-1.5	-86.5	-86.5	0.0
HVAC7	-1.8	-86.8	-86.8	0.0	-1.8	-86.8	-86.8	0.0
Trash Pick Up Area 1	-19.6	-80.9	-80.9	0.0	-19.6	-80.9	-80.9	0.0
Trash Pick Up Area 2	-23.4	-84.7	-84.7	0.0	-23.4	-84.7	-84.7	0.0
Trash Pick Up Area 3	-20.0	-81.3	-81.3	0.0	-20.0	-81.3	-81.3	0.0
Trash Pick Up Area 4	-27.3	-88.5	-88.5	0.0	-27.3	-88.5	-88.5	0.0
Trash Pick Up Area 5	-32.4	-93.6	-93.6	0.0	-32.4	-93.6	-93.6	0.0
18 2.Fl	44.6	-36.4	-36.4	53.0	44.6	-36.4	-36.4	53.0
1	39.9	0.0	0.0	0.0	39.9	0.0	0.0	0.0
1	16.0	-52.0	-52.0	38.0	16.0	-52.0	-52.0	38.0
2	42.1	0.0	0.0	0.0	42.1	0.0	0.0	0.0
2	10.7	-57.3	-57.3	32.7	10.7	-57.3	-57.3	32.7
3	21.4	-48.6	-48.6	41.4	21.4	-48.6	-48.6	41.4
3	7.6	0.0	0.0	0.0	7.5	0.0	0.0	0.0
4	-7.7	0.0	0.0	0.0	-7.7	0.0	0.0	0.0
4	10.4	-59.6	-59.6	30.4	10.4	-59.6	-59.6	30.4
5	18.1	0.0	0.0	0.0	18.1	0.0	0.0	0.0
5	15.8	-54.2	-54.2	35.8	15.8	-54.2	-54.2	35.8
6	-6.0	0.0	0.0	0.0	-6.0	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
6		31.0	-37.0	-37.0	53.0	31.0	-37.0	-37.0	53.0
7		-7.0	0.0	0.0	0.0	-7.0	0.0	0.0	0.0
7		-7.1	-75.1	-75.1	14.9	-7.1	-75.1	-75.1	14.9
8		21.6	0.0	0.0	0.0	21.6	0.0	0.0	0.0
8		3.3	-64.7	-64.7	25.3	3.3	-64.7	-64.7	25.3
9		23.6	0.0	0.0	0.0	23.6	0.0	0.0	0.0
10		13.2	0.0	0.0	0.0	13.2	0.0	0.0	0.0
11		7.6	0.0	0.0	0.0	7.6	0.0	0.0	0.0
12		26.9	0.0	0.0	0.0	26.9	0.0	0.0	0.0
HVAC1		19.0	-66.0	-66.0	0.0	19.0	-66.0	-66.0	0.0
HVAC2		19.7	-65.3	-65.3	0.0	19.7	-65.3	-65.3	0.0
HVAC3		21.4	-63.6	-63.6	0.0	21.4	-63.6	-63.6	0.0
HVAC4		3.8	-81.2	-81.2	0.0	3.8	-81.2	-81.2	0.0
HVAC5		2.4	-82.6	-82.6	0.0	2.4	-82.6	-82.6	0.0
HVAC6		0.8	-84.2	-84.2	0.0	0.8	-84.2	-84.2	0.0
HVAC7		0.6	-84.4	-84.4	0.0	0.6	-84.4	-84.4	0.0
Trash Pick Up Area 1		-19.8	-81.1	-81.1	0.0	-19.8	-81.1	-81.1	0.0
Trash Pick Up Area 2		-23.3	-84.6	-84.6	0.0	-23.3	-84.6	-84.6	0.0
Trash Pick Up Area 3		-15.9	-77.2	-77.2	0.0	-15.9	-77.2	-77.2	0.0
Trash Pick Up Area 4		-27.2	-88.5	-88.5	0.0	-27.2	-88.5	-88.5	0.0
Trash Pick Up Area 5		-32.1	-93.3	-93.3	0.0	-32.1	-93.3	-93.3	0.0
19	1.Fl	43.0	-33.5	-33.5	54.6	42.9	-33.5	-33.5	54.7
1		36.6	0.0	0.0	0.0	36.6	0.0	0.0	0.0
1		15.4	-52.6	-52.6	37.4	15.4	-52.6	-52.6	37.4
2		40.3	0.0	0.0	0.0	40.2	0.0	0.0	0.0
2		11.3	-56.7	-56.7	33.3	11.3	-56.7	-56.7	33.3
3		31.5	-38.5	-38.5	51.5	31.5	-38.5	-38.5	51.5
3		7.4	0.0	0.0	0.0	7.7	0.0	0.0	0.0
4		-8.0	0.0	0.0	0.0	-8.1	0.0	0.0	0.0
4		10.0	-60.0	-60.0	30.0	10.0	-60.0	-60.0	30.0
5		19.6	0.0	0.0	0.0	19.6	0.0	0.0	0.0
5		14.7	-55.3	-55.3	34.7	14.7	-55.3	-55.3	34.7
6		-5.1	0.0	0.0	0.0	-4.8	0.0	0.0	0.0
6		32.6	-35.4	-35.4	54.6	32.7	-35.3	-35.3	54.7
7		-6.7	0.0	0.0	0.0	-6.6	0.0	0.0	0.0
7		-7.2	-75.2	-75.2	14.8	-7.2	-75.2	-75.2	14.8
8		22.3	0.0	0.0	0.0	22.4	0.0	0.0	0.0
8		2.5	-65.5	-65.5	24.5	2.5	-65.5	-65.5	24.5
9		23.6	0.0	0.0	0.0	23.6	0.0	0.0	0.0
10		14.7	0.0	0.0	0.0	14.7	0.0	0.0	0.0
11		8.6	0.0	0.0	0.0	8.6	0.0	0.0	0.0
12		27.7	0.0	0.0	0.0	27.3	0.0	0.0	0.0
HVAC1		16.7	-68.3	-68.3	0.0	16.7	-68.3	-68.3	0.0
HVAC2		17.1	-67.9	-67.9	0.0	17.1	-67.9	-67.9	0.0
HVAC3		20.9	-64.1	-64.1	0.0	20.9	-64.1	-64.1	0.0
HVAC4		6.5	-78.5	-78.5	0.0	6.5	-78.5	-78.5	0.0
HVAC5		7.5	-77.5	-77.5	0.0	7.5	-77.5	-77.5	0.0
HVAC6		8.4	-76.6	-76.6	0.0	8.4	-76.6	-76.6	0.0
HVAC7		9.6	-75.4	-75.4	0.0	9.6	-75.4	-75.4	0.0
Trash Pick Up Area 1		-20.5	-81.7	-81.7	0.0	-20.5	-81.7	-81.7	0.0
Trash Pick Up Area 2		-22.6	-83.9	-83.9	0.0	-22.6	-83.9	-83.9	0.0
Trash Pick Up Area 3		-12.6	-73.8	-73.8	0.0	-12.6	-73.8	-73.8	0.0
Trash Pick Up Area 4		-27.7	-89.0	-89.0	0.0	-27.7	-89.0	-89.0	0.0
Trash Pick Up Area 5		-31.9	-93.2	-93.2	0.0	-31.9	-93.2	-93.2	0.0
19	2.Fl	43.4	-33.2	-33.2	55.2	43.5	-33.2	-33.2	55.1
1		37.1	0.0	0.0	0.0	37.1	0.0	0.0	0.0
1		15.9	-52.1	-52.1	37.9	15.9	-52.1	-52.1	37.9
2		40.7	0.0	0.0	0.0	40.7	0.0	0.0	0.0
2		12.4	-55.6	-55.6	34.4	12.4	-55.6	-55.6	34.4
3		31.5	-38.5	-38.5	51.5	31.5	-38.5	-38.5	51.5
3		7.8	0.0	0.0	0.0	8.3	0.0	0.0	0.0
4		-7.5	0.0	0.0	0.0	-7.4	0.0	0.0	0.0
4		10.0	-60.0	-60.0	30.0	10.0	-60.0	-60.0	30.0

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
5	20.3	0.0	0.0	0.0	20.3	0.0	0.0	0.0
5	14.7	-55.3	-55.3	34.7	14.7	-55.3	-55.3	34.7
6	-4.9	0.0	0.0	0.0	-4.7	0.0	0.0	0.0
6	33.2	-34.8	-34.8	55.2	33.1	-34.9	-34.9	55.1
7	-5.8	0.0	0.0	0.0	-5.8	0.0	0.0	0.0
7	-7.2	-75.2	-75.2	14.8	-7.2	-75.2	-75.2	14.8
8	23.0	0.0	0.0	0.0	23.1	0.0	0.0	0.0
8	3.3	-64.7	-64.7	25.3	3.3	-64.7	-64.7	25.3
9	24.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0
10	14.5	0.0	0.0	0.0	14.4	0.0	0.0	0.0
11	8.9	0.0	0.0	0.0	8.9	0.0	0.0	0.0
12	27.7	0.0	0.0	0.0	28.2	0.0	0.0	0.0
HVAC1	18.6	-66.4	-66.4	0.0	18.6	-66.4	-66.4	0.0
HVAC2	19.1	-65.9	-65.9	0.0	19.1	-65.9	-65.9	0.0
HVAC3	22.8	-62.2	-62.2	0.0	22.8	-62.2	-62.2	0.0
HVAC4	8.6	-76.4	-76.4	0.0	8.6	-76.4	-76.4	0.0
HVAC5	10.0	-75.0	-75.0	0.0	10.0	-75.0	-75.0	0.0
HVAC6	10.8	-74.2	-74.2	0.0	10.8	-74.2	-74.2	0.0
HVAC7	11.7	-73.3	-73.3	0.0	11.7	-73.3	-73.3	0.0
Trash Pick Up Area 1	-20.6	-81.8	-81.8	0.0	-20.6	-81.8	-81.8	0.0
Trash Pick Up Area 2	-22.6	-83.8	-83.8	0.0	-22.6	-83.8	-83.8	0.0
Trash Pick Up Area 3	-13.0	-74.3	-74.3	0.0	-13.0	-74.3	-74.3	0.0
Trash Pick Up Area 4	-27.7	-88.9	-88.9	0.0	-27.7	-88.9	-88.9	0.0
Trash Pick Up Area 5	-31.8	-93.1	-93.1	0.0	-31.8	-93.1	-93.1	0.0
20 1.Fl	36.1	-40.3	-40.3	46.7	31.3	-45.8	-45.8	40.5
1	29.0	0.0	0.0	0.0	24.4	0.0	0.0	0.0
1	14.3	-53.7	-53.7	36.3	13.9	-54.1	-54.1	35.9
2	32.5	0.0	0.0	0.0	27.7	0.0	0.0	0.0
2	9.9	-58.1	-58.1	31.9	9.2	-58.8	-58.8	31.2
3	25.8	-44.2	-44.2	45.8	18.1	-51.9	-51.9	38.1
3	4.8	0.0	0.0	0.0	4.2	0.0	0.0	0.0
4	-8.9	0.0	0.0	0.0	-9.4	0.0	0.0	0.0
4	9.3	-60.7	-60.7	29.3	9.3	-60.7	-60.7	29.3
5	17.3	0.0	0.0	0.0	10.7	0.0	0.0	0.0
5	13.3	-56.7	-56.7	33.3	13.2	-56.8	-56.8	33.2
6	-6.0	0.0	0.0	0.0	-7.6	0.0	0.0	0.0
6	24.7	-43.3	-43.3	46.7	18.5	-49.5	-49.5	40.5
7	-7.7	0.0	0.0	0.0	-8.7	0.0	0.0	0.0
7	-8.0	-76.0	-76.0	14.0	-8.1	-76.1	-76.1	13.9
8	21.9	0.0	0.0	0.0	20.3	0.0	0.0	0.0
8	0.8	-67.2	-67.2	22.8	0.6	-67.4	-67.4	22.6
9	19.8	0.0	0.0	0.0	13.8	0.0	0.0	0.0
10	11.3	0.0	0.0	0.0	8.6	0.0	0.0	0.0
11	8.1	0.0	0.0	0.0	7.4	0.0	0.0	0.0
12	23.9	0.0	0.0	0.0	18.2	0.0	0.0	0.0
HVAC1	14.4	-70.6	-70.6	0.0	7.7	-77.3	-77.3	0.0
HVAC2	16.3	-68.7	-68.7	0.0	9.7	-75.3	-75.3	0.0
HVAC3	16.5	-68.5	-68.5	0.0	13.7	-71.3	-71.3	0.0
HVAC4	4.5	-80.5	-80.5	0.0	1.8	-83.2	-83.2	0.0
HVAC5	3.8	-81.2	-81.2	0.0	0.5	-84.5	-84.5	0.0
HVAC6	10.7	-74.3	-74.3	0.0	0.6	-84.4	-84.4	0.0
HVAC7	10.4	-74.6	-74.6	0.0	-1.0	-86.0	-86.0	0.0
Trash Pick Up Area 1	-21.8	-83.1	-83.1	0.0	-22.0	-83.2	-83.2	0.0
Trash Pick Up Area 2	-23.2	-84.5	-84.5	0.0	-24.2	-85.4	-85.4	0.0
Trash Pick Up Area 3	-18.1	-79.4	-79.4	0.0	-21.8	-83.0	-83.0	0.0
Trash Pick Up Area 4	-28.2	-89.5	-89.5	0.0	-28.3	-89.6	-89.6	0.0
Trash Pick Up Area 5	-32.3	-93.6	-93.6	0.0	-32.7	-94.0	-94.0	0.0
20 2.Fl	41.9	-31.6	-31.6	56.0	37.3	-37.8	-37.8	49.8
1	33.8	0.0	0.0	0.0	29.9	0.0	0.0	0.0
1	15.7	-52.3	-52.3	37.7	14.7	-53.3	-53.3	36.7
2	37.6	0.0	0.0	0.0	33.2	0.0	0.0	0.0
2	12.7	-55.3	-55.3	34.7	10.6	-57.4	-57.4	32.6
3	34.4	-35.6	-35.6	54.4	27.7	-42.3	-42.3	47.7

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
3	7.8	0.0	0.0	0.0	4.3	0.0	0.0	0.0
4	-7.9	0.0	0.0	0.0	-9.1	0.0	0.0	0.0
4	9.5	-60.5	-60.5	29.5	9.5	-60.5	-60.5	29.5
5	21.8	0.0	0.0	0.0	17.2	0.0	0.0	0.0
5	13.5	-56.5	-56.5	33.5	13.4	-56.6	-56.6	33.4
6	-2.4	0.0	0.0	0.0	-6.0	0.0	0.0	0.0
6	34.0	-34.0	-34.0	56.0	27.8	-40.2	-40.2	49.8
7	-5.9	0.0	0.0	0.0	-7.7	0.0	0.0	0.0
7	-7.2	-75.2	-75.2	14.8	-7.4	-75.4	-75.4	14.6
8	25.3	0.0	0.0	0.0	22.5	0.0	0.0	0.0
8	3.7	-64.3	-64.3	25.7	2.0	-66.0	-66.0	24.0
9	23.4	0.0	0.0	0.0	21.3	0.0	0.0	0.0
10	14.7	0.0	0.0	0.0	12.4	0.0	0.0	0.0
11	9.4	0.0	0.0	0.0	8.0	0.0	0.0	0.0
12	28.7	0.0	0.0	0.0	24.5	0.0	0.0	0.0
HVAC1	16.2	-68.8	-68.8	0.0	16.2	-68.8	-68.8	0.0
HVAC2	18.0	-67.0	-67.0	0.0	18.0	-67.0	-67.0	0.0
HVAC3	23.4	-61.6	-61.6	0.0	23.3	-61.7	-61.7	0.0
HVAC4	10.2	-74.8	-74.8	0.0	5.6	-79.4	-79.4	0.0
HVAC5	12.0	-73.0	-73.0	0.0	5.1	-79.9	-79.9	0.0
HVAC6	15.7	-69.3	-69.3	0.0	12.1	-72.9	-72.9	0.0
HVAC7	14.1	-70.9	-70.9	0.0	10.5	-74.5	-74.5	0.0
Trash Pick Up Area 1	-21.1	-82.3	-82.3	0.0	-22.1	-83.3	-83.3	0.0
Trash Pick Up Area 2	-19.3	-80.5	-80.5	0.0	-23.7	-85.0	-85.0	0.0
Trash Pick Up Area 3	-11.5	-72.7	-72.7	0.0	-15.0	-76.3	-76.3	0.0
Trash Pick Up Area 4	-28.0	-89.3	-89.3	0.0	-28.2	-89.5	-89.5	0.0
Trash Pick Up Area 5	-31.9	-93.2	-93.2	0.0	-32.3	-93.6	-93.6	0.0
21 1.Fl	38.6	-34.4	-34.4	53.2	33.7	-41.9	-41.9	45.1
1	29.1	0.0	0.0	0.0	26.0	0.0	0.0	0.0
1	15.4	-52.6	-52.6	37.4	14.0	-54.0	-54.0	36.0
2	32.7	0.0	0.0	0.0	29.3	0.0	0.0	0.0
2	14.0	-54.0	-54.0	36.0	10.2	-57.8	-57.8	32.2
3	31.4	-38.6	-38.6	51.4	23.6	-46.4	-46.4	43.6
3	8.1	0.0	0.0	0.0	4.4	0.0	0.0	0.0
4	-8.3	0.0	0.0	0.0	-9.6	0.0	0.0	0.0
4	9.1	-60.9	-60.9	29.1	9.0	-61.0	-61.0	29.0
5	21.6	0.0	0.0	0.0	15.2	0.0	0.0	0.0
5	12.6	-57.4	-57.4	32.6	12.5	-57.5	-57.5	32.5
6	3.4	0.0	0.0	0.0	-3.2	0.0	0.0	0.0
6	31.2	-36.8	-36.8	53.2	23.1	-44.9	-44.9	45.1
7	-5.8	0.0	0.0	0.0	-8.2	0.0	0.0	0.0
7	-7.4	-75.4	-75.4	14.6	-7.7	-75.7	-75.7	14.3
8	27.3	0.0	0.0	0.0	22.5	0.0	0.0	0.0
8	3.9	-64.1	-64.1	25.9	1.6	-66.4	-66.4	23.6
9	23.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0
10	12.8	0.0	0.0	0.0	11.2	0.0	0.0	0.0
11	9.5	0.0	0.0	0.0	7.8	0.0	0.0	0.0
12	26.7	0.0	0.0	0.0	22.4	0.0	0.0	0.0
HVAC1	16.1	-68.9	-68.9	0.0	16.1	-68.9	-68.9	0.0
HVAC2	18.6	-66.4	-66.4	0.0	12.4	-72.6	-72.6	0.0
HVAC3	23.4	-61.6	-61.6	0.0	17.5	-67.5	-67.5	0.0
HVAC4	11.2	-73.8	-73.8	0.0	4.7	-80.3	-80.3	0.0
HVAC5	16.9	-68.1	-68.1	0.0	7.0	-78.0	-78.0	0.0
HVAC6	15.4	-69.6	-69.6	0.0	5.7	-79.3	-79.3	0.0
HVAC7	13.9	-71.1	-71.1	0.0	4.0	-81.0	-81.0	0.0
Trash Pick Up Area 1	-21.6	-82.9	-82.9	0.0	-22.7	-84.0	-84.0	0.0
Trash Pick Up Area 2	-18.3	-79.6	-79.6	0.0	-23.6	-84.9	-84.9	0.0
Trash Pick Up Area 3	-14.4	-75.6	-75.6	0.0	-18.0	-79.2	-79.2	0.0
Trash Pick Up Area 4	-28.4	-89.7	-89.7	0.0	-28.7	-90.0	-90.0	0.0
Trash Pick Up Area 5	-31.7	-93.0	-93.0	0.0	-32.6	-93.8	-93.8	0.0
21 2.Fl	41.1	-31.5	-31.5	55.8	39.2	-33.7	-33.7	53.8
1	31.6	0.0	0.0	0.0	29.4	0.0	0.0	0.0
1	16.3	-51.7	-51.7	38.3	16.3	-51.7	-51.7	38.3

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
2	35.3	0.0	0.0	0.0	33.0	0.0	0.0	0.0
2	14.8	-53.2	-53.2	36.8	14.8	-53.2	-53.2	36.8
3	34.9	-35.1	-35.1	54.9	32.3	-37.7	-37.7	52.3
3	8.2	0.0	0.0	0.0	8.2	0.0	0.0	0.0
4	-7.8	0.0	0.0	0.0	-7.8	0.0	0.0	0.0
4	9.1	-60.9	-60.9	29.1	9.1	-60.9	-60.9	29.1
5	22.2	0.0	0.0	0.0	21.7	0.0	0.0	0.0
5	12.7	-57.3	-57.3	32.7	12.7	-57.3	-57.3	32.7
6	3.7	0.0	0.0	0.0	3.7	0.0	0.0	0.0
6	33.8	-34.2	-34.2	55.8	31.8	-36.2	-36.2	53.8
7	-5.0	0.0	0.0	0.0	-5.0	0.0	0.0	0.0
7	-7.4	-75.4	-75.4	14.6	-7.4	-75.4	-75.4	14.6
8	27.9	0.0	0.0	0.0	27.9	0.0	0.0	0.0
8	4.9	-63.1	-63.1	26.9	4.9	-63.1	-63.1	26.9
9	23.6	0.0	0.0	0.0	23.7	0.0	0.0	0.0
10	15.3	0.0	0.0	0.0	13.5	0.0	0.0	0.0
11	9.5	0.0	0.0	0.0	9.5	0.0	0.0	0.0
12	28.5	0.0	0.0	0.0	26.7	0.0	0.0	0.0
HVAC1	17.7	-67.3	-67.3	0.0	17.7	-67.3	-67.3	0.0
HVAC2	20.2	-64.8	-64.8	0.0	20.2	-64.8	-64.8	0.0
HVAC3	24.6	-60.4	-60.4	0.0	24.6	-60.4	-60.4	0.0
HVAC4	12.9	-72.1	-72.1	0.0	12.9	-72.1	-72.1	0.0
HVAC5	16.9	-68.1	-68.1	0.0	16.9	-68.1	-68.1	0.0
HVAC6	15.4	-69.6	-69.6	0.0	15.4	-69.6	-69.6	0.0
HVAC7	13.9	-71.1	-71.1	0.0	13.9	-71.1	-71.1	0.0
Trash Pick Up Area 1	-21.9	-83.1	-83.1	0.0	-21.9	-83.1	-83.1	0.0
Trash Pick Up Area 2	-16.1	-77.4	-77.4	0.0	-16.1	-77.4	-77.4	0.0
Trash Pick Up Area 3	-11.7	-73.0	-73.0	0.0	-13.3	-74.6	-74.6	0.0
Trash Pick Up Area 4	-28.4	-89.7	-89.7	0.0	-28.4	-89.7	-89.7	0.0
Trash Pick Up Area 5	-31.8	-93.1	-93.1	0.0	-31.8	-93.1	-93.1	0.0
22 1.Fl	34.5	-37.0	-37.0	50.8	34.5	-37.0	-37.0	50.8
1	-0.2	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
1	19.0	-49.0	-49.0	41.0	19.0	-49.0	-49.0	41.0
2	7.1	0.0	0.0	0.0	7.1	0.0	0.0	0.0
2	28.8	-39.2	-39.2	50.8	28.8	-39.2	-39.2	50.8
3	11.8	-58.2	-58.2	31.8	11.8	-58.2	-58.2	31.8
3	11.5	0.0	0.0	0.0	11.5	0.0	0.0	0.0
4	-3.6	0.0	0.0	0.0	-3.6	0.0	0.0	0.0
4	26.1	-43.9	-43.9	46.1	26.1	-43.9	-43.9	46.1
5	12.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0
5	18.7	-51.3	-51.3	38.7	18.7	-51.3	-51.3	38.7
6	-4.0	0.0	0.0	0.0	-4.0	0.0	0.0	0.0
6	16.5	-51.5	-51.5	38.5	16.5	-51.5	-51.5	38.5
7	-4.0	0.0	0.0	0.0	-4.0	0.0	0.0	0.0
7	2.7	-65.3	-65.3	24.7	2.7	-65.3	-65.3	24.7
8	29.0	0.0	0.0	0.0	28.9	0.0	0.0	0.0
8	16.7	-51.3	-51.3	38.7	16.7	-51.3	-51.3	38.7
9	16.5	0.0	0.0	0.0	16.5	0.0	0.0	0.0
10	1.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0
11	10.5	0.0	0.0	0.0	10.5	0.0	0.0	0.0
12	14.9	0.0	0.0	0.0	14.9	0.0	0.0	0.0
HVAC1	14.0	-71.0	-71.0	0.0	14.0	-71.0	-71.0	0.0
HVAC2	22.2	-62.8	-62.8	0.0	22.2	-62.8	-62.8	0.0
HVAC3	19.8	-65.2	-65.2	0.0	19.8	-65.2	-65.2	0.0
HVAC4	20.0	-65.0	-65.0	0.0	20.0	-65.0	-65.0	0.0
HVAC5	19.1	-65.9	-65.9	0.0	19.1	-65.9	-65.9	0.0
HVAC6	11.9	-73.1	-73.1	0.0	11.9	-73.1	-73.1	0.0
HVAC7	11.2	-73.8	-73.8	0.0	11.2	-73.8	-73.8	0.0
Trash Pick Up Area 1	-11.6	-72.9	-72.9	0.0	-11.6	-72.9	-72.9	0.0
Trash Pick Up Area 2	-26.8	-88.1	-88.1	0.0	-26.8	-88.1	-88.1	0.0
Trash Pick Up Area 3	-30.3	-91.6	-91.6	0.0	-30.3	-91.6	-91.6	0.0
Trash Pick Up Area 4	-19.0	-80.3	-80.3	0.0	-19.0	-80.3	-80.3	0.0
Trash Pick Up Area 5	-12.1	-73.4	-73.4	0.0	-12.1	-73.4	-73.4	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
23	1.Fl	34.8	-37.4	-37.4	48.7	34.8	-37.4	-37.4	48.7
1		0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0
1		26.7	-41.3	-41.3	48.7	26.7	-41.3	-41.3	48.7
2		5.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0
2		26.3	-41.7	-41.7	48.3	26.3	-41.7	-41.7	48.3
3		11.4	-58.6	-58.6	31.4	11.4	-58.6	-58.6	31.4
3		2.9	0.0	0.0	0.0	2.9	0.0	0.0	0.0
4		-8.7	0.0	0.0	0.0	-8.7	0.0	0.0	0.0
4		24.4	-45.6	-45.6	44.4	24.4	-45.6	-45.6	44.4
5		14.8	0.0	0.0	0.0	14.8	0.0	0.0	0.0
5		15.9	-54.1	-54.1	35.9	15.9	-54.1	-54.1	35.9
6		-4.5	0.0	0.0	0.0	-4.5	0.0	0.0	0.0
6		14.0	-54.0	-54.0	36.0	14.0	-54.0	-54.0	36.0
7		-3.3	0.0	0.0	0.0	-3.3	0.0	0.0	0.0
7		1.6	-66.4	-66.4	23.6	1.6	-66.4	-66.4	23.6
8		29.4	0.0	0.0	0.0	29.4	0.0	0.0	0.0
8		10.5	-57.5	-57.5	32.5	10.5	-57.5	-57.5	32.5
9		17.8	0.0	0.0	0.0	17.8	0.0	0.0	0.0
10		2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
11		10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
12		19.7	0.0	0.0	0.0	19.7	0.0	0.0	0.0
HVAC1		26.5	-58.5	-58.5	0.0	26.5	-58.5	-58.5	0.0
HVAC2		14.7	-70.3	-70.3	0.0	14.7	-70.3	-70.3	0.0
HVAC3		10.7	-74.3	-74.3	0.0	10.7	-74.3	-74.3	0.0
HVAC4		9.1	-75.9	-75.9	0.0	9.1	-75.9	-75.9	0.0
HVAC5		18.7	-66.3	-66.3	0.0	18.7	-66.3	-66.3	0.0
HVAC6		17.6	-67.4	-67.4	0.0	17.6	-67.4	-67.4	0.0
HVAC7		16.0	-69.0	-69.0	0.0	16.0	-69.0	-69.0	0.0
Trash Pick Up Area 1		-22.9	-84.1	-84.1	0.0	-22.9	-84.1	-84.1	0.0
Trash Pick Up Area 2		-26.8	-88.1	-88.1	0.0	-26.8	-88.1	-88.1	0.0
Trash Pick Up Area 3		-30.3	-91.6	-91.6	0.0	-30.3	-91.6	-91.6	0.0
Trash Pick Up Area 4		-19.8	-81.0	-81.0	0.0	-19.8	-81.0	-81.0	0.0
Trash Pick Up Area 5		-16.1	-77.3	-77.3	0.0	-16.1	-77.3	-77.3	0.0
23	2.Fl	36.4	-35.2	-35.2	51.6	36.4	-35.2	-35.2	51.6
1		0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0
1		29.6	-38.4	-38.4	51.6	29.6	-38.4	-38.4	51.6
2		5.9	0.0	0.0	0.0	5.9	0.0	0.0	0.0
2		28.1	-39.9	-39.9	50.1	28.1	-39.9	-39.9	50.1
3		11.5	-58.5	-58.5	31.5	11.5	-58.5	-58.5	31.5
3		3.7	0.0	0.0	0.0	3.7	0.0	0.0	0.0
4		-7.2	0.0	0.0	0.0	-7.2	0.0	0.0	0.0
4		26.3	-43.7	-43.7	46.3	26.3	-43.7	-43.7	46.3
5		16.5	0.0	0.0	0.0	16.5	0.0	0.0	0.0
5		16.2	-53.8	-53.8	36.2	16.2	-53.8	-53.8	36.2
6		-3.0	0.0	0.0	0.0	-3.0	0.0	0.0	0.0
6		15.1	-52.9	-52.9	37.1	15.1	-52.9	-52.9	37.1
7		-1.7	0.0	0.0	0.0	-1.7	0.0	0.0	0.0
7		2.5	-65.5	-65.5	24.5	2.5	-65.5	-65.5	24.5
8		30.6	0.0	0.0	0.0	30.6	0.0	0.0	0.0
8		10.9	-57.1	-57.1	32.9	10.9	-57.1	-57.1	32.9
9		18.5	0.0	0.0	0.0	18.5	0.0	0.0	0.0
10		2.2	0.0	0.0	0.0	2.2	0.0	0.0	0.0
11		10.2	0.0	0.0	0.0	10.2	0.0	0.0	0.0
12		20.2	0.0	0.0	0.0	20.2	0.0	0.0	0.0
HVAC1		28.0	-57.0	-57.0	0.0	28.0	-57.0	-57.0	0.0
HVAC2		15.7	-69.3	-69.3	0.0	15.7	-69.3	-69.3	0.0
HVAC3		12.3	-72.7	-72.7	0.0	12.3	-72.7	-72.7	0.0
HVAC4		11.5	-73.5	-73.5	0.0	11.5	-73.5	-73.5	0.0
HVAC5		19.3	-65.7	-65.7	0.0	19.3	-65.7	-65.7	0.0
HVAC6		17.8	-67.2	-67.2	0.0	17.8	-67.2	-67.2	0.0
HVAC7		16.1	-68.9	-68.9	0.0	16.1	-68.9	-68.9	0.0
Trash Pick Up Area 1		-22.5	-83.8	-83.8	0.0	-22.5	-83.8	-83.8	0.0
Trash Pick Up Area 2		-26.9	-88.1	-88.1	0.0	-26.9	-88.1	-88.1	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
Trash Pick Up Area 3		-30.4	-91.6	-91.6	0.0	-30.4	-91.6	-91.6	0.0
Trash Pick Up Area 4		-19.7	-80.9	-80.9	0.0	-19.7	-80.9	-80.9	0.0
Trash Pick Up Area 5		-13.9	-75.1	-75.1	0.0	-13.9	-75.1	-75.1	0.0
24	1.Fl	31.7	-40.0	-40.0	47.1	31.7	-40.0	-40.0	47.1
1		-0.3	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
1		21.3	-46.7	-46.7	43.3	21.2	-46.8	-46.8	43.2
2		5.2	0.0	0.0	0.0	5.2	0.0	0.0	0.0
2		25.1	-42.9	-42.9	47.1	25.1	-42.9	-42.9	47.1
3		10.7	-59.3	-59.3	30.7	10.7	-59.3	-59.3	30.7
3		2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0
4		-5.8	0.0	0.0	0.0	-5.8	0.0	0.0	0.0
4		22.6	-47.4	-47.4	42.6	22.6	-47.4	-47.4	42.6
5		14.6	0.0	0.0	0.0	14.6	0.0	0.0	0.0
5		15.1	-54.9	-54.9	35.1	15.1	-54.9	-54.9	35.1
6		-2.3	0.0	0.0	0.0	-2.3	0.0	0.0	0.0
6		13.6	-54.4	-54.4	35.6	13.6	-54.4	-54.4	35.6
7		-2.1	0.0	0.0	0.0	-2.1	0.0	0.0	0.0
7		0.8	-67.2	-67.2	22.8	0.8	-67.2	-67.2	22.8
8		25.8	0.0	0.0	0.0	25.8	0.0	0.0	0.0
8		8.7	-59.3	-59.3	30.7	8.7	-59.3	-59.3	30.7
9		15.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
10		0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0
11		9.6	0.0	0.0	0.0	9.6	0.0	0.0	0.0
12		18.7	0.0	0.0	0.0	18.7	0.0	0.0	0.0
HVAC1		19.4	-65.6	-65.6	0.0	19.4	-65.6	-65.6	0.0
HVAC2		15.8	-69.2	-69.2	0.0	15.8	-69.2	-69.2	0.0
HVAC3		9.1	-75.9	-75.9	0.0	9.1	-75.9	-75.9	0.0
HVAC4		16.0	-69.0	-69.0	0.0	16.0	-69.0	-69.0	0.0
HVAC5		9.2	-75.8	-75.8	0.0	9.2	-75.8	-75.8	0.0
HVAC6		11.4	-73.6	-73.6	0.0	11.4	-73.6	-73.6	0.0
HVAC7		15.3	-69.7	-69.7	0.0	15.3	-69.7	-69.7	0.0
Trash Pick Up Area 1		-24.0	-85.2	-85.2	0.0	-24.0	-85.2	-85.2	0.0
Trash Pick Up Area 2		-27.7	-89.0	-89.0	0.0	-27.7	-89.0	-89.0	0.0
Trash Pick Up Area 3		-31.0	-92.3	-92.3	0.0	-31.0	-92.3	-92.3	0.0
Trash Pick Up Area 4		-22.0	-83.3	-83.3	0.0	-22.0	-83.3	-83.3	0.0
Trash Pick Up Area 5		-16.5	-77.8	-77.8	0.0	-16.5	-77.8	-77.8	0.0
24	2.Fl	33.8	-37.2	-37.2	48.9	33.7	-37.2	-37.2	48.9
1		-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
1		26.1	-41.9	-41.9	48.1	26.1	-41.9	-41.9	48.1
2		7.3	0.0	0.0	0.0	7.3	0.0	0.0	0.0
2		26.9	-41.1	-41.1	48.9	26.9	-41.1	-41.1	48.9
3		10.7	-59.3	-59.3	30.7	10.7	-59.3	-59.3	30.7
3		7.4	0.0	0.0	0.0	7.4	0.0	0.0	0.0
4		-1.4	0.0	0.0	0.0	-1.4	0.0	0.0	0.0
4		25.0	-45.0	-45.0	45.0	25.0	-45.0	-45.0	45.0
5		16.8	0.0	0.0	0.0	16.8	0.0	0.0	0.0
5		19.7	-50.3	-50.3	39.7	19.7	-50.3	-50.3	39.7
6		0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
6		14.7	-53.3	-53.3	36.7	14.7	-53.3	-53.3	36.7
7		0.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0
7		1.6	-66.4	-66.4	23.6	1.6	-66.4	-66.4	23.6
8		26.9	0.0	0.0	0.0	26.9	0.0	0.0	0.0
8		9.0	-59.0	-59.0	31.0	9.0	-59.0	-59.0	31.0
9		16.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
10		1.1	0.0	0.0	0.0	1.1	0.0	0.0	0.0
11		9.7	0.0	0.0	0.0	9.7	0.0	0.0	0.0
12		19.8	0.0	0.0	0.0	19.8	0.0	0.0	0.0
HVAC1		20.1	-64.9	-64.9	0.0	20.1	-64.9	-64.9	0.0
HVAC2		16.8	-68.2	-68.2	0.0	16.8	-68.2	-68.2	0.0
HVAC3		14.8	-70.2	-70.2	0.0	14.8	-70.2	-70.2	0.0
HVAC4		17.8	-67.2	-67.2	0.0	17.8	-67.2	-67.2	0.0
HVAC5		11.6	-73.4	-73.4	0.0	11.6	-73.4	-73.4	0.0
HVAC6		13.6	-71.4	-71.4	0.0	13.6	-71.4	-71.4	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC7	15.4	-69.6	-69.6	0.0	15.4	-69.6	-69.6	0.0
Trash Pick Up Area 1	-19.3	-80.6	-80.6	0.0	-19.3	-80.6	-80.6	0.0
Trash Pick Up Area 2	-27.7	-89.0	-89.0	0.0	-27.7	-89.0	-89.0	0.0
Trash Pick Up Area 3	-31.0	-92.3	-92.3	0.0	-31.0	-92.3	-92.3	0.0
Trash Pick Up Area 4	-21.8	-83.1	-83.1	0.0	-21.8	-83.1	-83.1	0.0
Trash Pick Up Area 5	-14.7	-75.9	-75.9	0.0	-14.7	-75.9	-75.9	0.0
25 1.Fl	30.4	-45.1	-45.1	39.4	30.4	-45.1	-45.1	39.4
1	7.1	0.0	0.0	0.0	6.6	0.0	0.0	0.0
1	17.4	-50.6	-50.6	39.4	17.4	-50.6	-50.6	39.4
2	13.4	0.0	0.0	0.0	12.4	0.0	0.0	0.0
2	15.8	-52.2	-52.2	37.8	15.8	-52.2	-52.2	37.8
3	12.4	-57.6	-57.6	32.4	12.4	-57.6	-57.6	32.4
3	2.3	0.0	0.0	0.0	2.3	0.0	0.0	0.0
4	-9.6	0.0	0.0	0.0	-9.6	0.0	0.0	0.0
4	12.7	-57.3	-57.3	32.7	12.7	-57.3	-57.3	32.7
5	8.5	0.0	0.0	0.0	8.5	0.0	0.0	0.0
5	17.2	-52.8	-52.8	37.2	17.2	-52.8	-52.8	37.2
6	-8.0	0.0	0.0	0.0	-8.0	0.0	0.0	0.0
6	15.4	-52.6	-52.6	37.4	15.4	-52.6	-52.6	37.4
7	-7.7	0.0	0.0	0.0	-7.7	0.0	0.0	0.0
7	-7.0	-75.0	-75.0	15.0	-7.0	-75.0	-75.0	15.0
8	23.8	0.0	0.0	0.0	23.8	0.0	0.0	0.0
8	5.0	-63.0	-63.0	27.0	5.0	-63.0	-63.0	27.0
9	18.4	0.0	0.0	0.0	18.4	0.0	0.0	0.0
10	4.3	0.0	0.0	0.0	4.3	0.0	0.0	0.0
11	8.1	0.0	0.0	0.0	8.1	0.0	0.0	0.0
12	13.2	0.0	0.0	0.0	13.2	0.0	0.0	0.0
HVAC1	20.6	-64.4	-64.4	0.0	20.6	-64.4	-64.4	0.0
HVAC2	23.5	-61.5	-61.5	0.0	23.5	-61.5	-61.5	0.0
HVAC3	21.0	-64.0	-64.0	0.0	21.0	-64.0	-64.0	0.0
HVAC4	10.8	-74.2	-74.2	0.0	10.8	-74.2	-74.2	0.0
HVAC5	10.7	-74.3	-74.3	0.0	10.7	-74.3	-74.3	0.0
HVAC6	10.5	-74.5	-74.5	0.0	10.5	-74.5	-74.5	0.0
HVAC7	10.0	-75.0	-75.0	0.0	10.0	-75.0	-75.0	0.0
Trash Pick Up Area 1	-21.5	-82.7	-82.7	0.0	-21.5	-82.7	-82.7	0.0
Trash Pick Up Area 2	-24.8	-86.1	-86.1	0.0	-24.8	-86.1	-86.1	0.0
Trash Pick Up Area 3	-28.8	-90.0	-90.0	0.0	-28.8	-90.0	-90.0	0.0
Trash Pick Up Area 4	-24.5	-85.8	-85.8	0.0	-24.5	-85.8	-85.8	0.0
Trash Pick Up Area 5	-26.8	-88.1	-88.1	0.0	-26.8	-88.1	-88.1	0.0
25 2.Fl	34.0	-42.6	-42.6	42.1	34.0	-42.6	-42.6	42.1
1	6.9	0.0	0.0	0.0	6.7	0.0	0.0	0.0
1	17.9	-50.1	-50.1	39.9	17.9	-50.1	-50.1	39.9
2	13.5	0.0	0.0	0.0	12.9	0.0	0.0	0.0
2	20.1	-47.9	-47.9	42.1	20.1	-47.9	-47.9	42.1
3	12.8	-57.2	-57.2	32.8	12.8	-57.2	-57.2	32.8
3	2.2	0.0	0.0	0.0	2.2	0.0	0.0	0.0
4	-9.5	0.0	0.0	0.0	-9.5	0.0	0.0	0.0
4	13.6	-56.4	-56.4	33.6	13.7	-56.3	-56.3	33.7
5	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
5	17.2	-52.8	-52.8	37.2	17.2	-52.8	-52.8	37.2
6	-7.6	0.0	0.0	0.0	-7.6	0.0	0.0	0.0
6	19.5	-48.5	-48.5	41.5	19.5	-48.5	-48.5	41.5
7	-7.4	0.0	0.0	0.0	-7.4	0.0	0.0	0.0
7	-6.7	-74.7	-74.7	15.3	-6.7	-74.7	-74.7	15.3
8	24.6	0.0	0.0	0.0	24.6	0.0	0.0	0.0
8	5.8	-62.2	-62.2	27.8	5.8	-62.2	-62.2	27.8
9	20.2	0.0	0.0	0.0	20.2	0.0	0.0	0.0
10	5.4	0.0	0.0	0.0	5.4	0.0	0.0	0.0
11	8.2	0.0	0.0	0.0	8.2	0.0	0.0	0.0
12	14.2	0.0	0.0	0.0	14.2	0.0	0.0	0.0
HVAC1	26.5	-58.5	-58.5	0.0	26.5	-58.5	-58.5	0.0
HVAC2	29.0	-56.0	-56.0	0.0	29.0	-56.0	-56.0	0.0
HVAC3	25.6	-59.4	-59.4	0.0	25.6	-59.4	-59.4	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC4	13.9	-71.1	-71.1	0.0	13.9	-71.1	-71.1	0.0
HVAC5	14.2	-70.8	-70.8	0.0	14.2	-70.8	-70.8	0.0
HVAC6	13.9	-71.1	-71.1	0.0	13.9	-71.1	-71.1	0.0
HVAC7	13.1	-71.9	-71.9	0.0	13.1	-71.9	-71.9	0.0
Trash Pick Up Area 1	-21.6	-82.9	-82.9	0.0	-21.6	-82.9	-82.9	0.0
Trash Pick Up Area 2	-24.7	-86.0	-86.0	0.0	-24.7	-86.0	-86.0	0.0
Trash Pick Up Area 3	-28.5	-89.8	-89.8	0.0	-28.5	-89.8	-89.8	0.0
Trash Pick Up Area 4	-24.5	-85.8	-85.8	0.0	-24.5	-85.8	-85.8	0.0
Trash Pick Up Area 5	-26.3	-87.5	-87.5	0.0	-26.3	-87.5	-87.5	0.0
26 1.Fl	28.7	-45.7	-45.7	38.7	28.6	-45.7	-45.7	38.7
1	10.3	0.0	0.0	0.0	9.5	0.0	0.0	0.0
1	16.7	-51.3	-51.3	38.7	16.7	-51.3	-51.3	38.7
2	17.1	0.0	0.0	0.0	16.1	0.0	0.0	0.0
2	13.7	-54.3	-54.3	35.7	13.7	-54.3	-54.3	35.7
3	13.4	-56.6	-56.6	33.4	13.4	-56.6	-56.6	33.4
3	3.2	0.0	0.0	0.0	3.2	0.0	0.0	0.0
4	-9.5	0.0	0.0	0.0	-9.5	0.0	0.0	0.0
4	11.4	-58.6	-58.6	31.4	11.4	-58.6	-58.6	31.4
5	7.7	0.0	0.0	0.0	7.7	0.0	0.0	0.0
5	17.0	-53.0	-53.0	37.0	17.0	-53.0	-53.0	37.0
6	-8.5	0.0	0.0	0.0	-8.5	0.0	0.0	0.0
6	15.8	-52.2	-52.2	37.8	15.8	-52.2	-52.2	37.8
7	-8.4	0.0	0.0	0.0	-8.4	0.0	0.0	0.0
7	-7.0	-75.0	-75.0	15.0	-7.0	-75.0	-75.0	15.0
8	22.2	0.0	0.0	0.0	22.2	0.0	0.0	0.0
8	4.2	-63.8	-63.8	26.2	4.2	-63.8	-63.8	26.2
9	17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0
10	4.5	0.0	0.0	0.0	4.5	0.0	0.0	0.0
11	7.6	0.0	0.0	0.0	7.5	0.0	0.0	0.0
12	12.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0
HVAC1	15.8	-69.2	-69.2	0.0	15.8	-69.2	-69.2	0.0
HVAC2	20.8	-64.2	-64.2	0.0	20.8	-64.2	-64.2	0.0
HVAC3	16.9	-68.1	-68.1	0.0	16.9	-68.1	-68.1	0.0
HVAC4	6.9	-78.1	-78.1	0.0	6.9	-78.1	-78.1	0.0
HVAC5	5.7	-79.3	-79.3	0.0	5.7	-79.3	-79.3	0.0
HVAC6	4.9	-80.1	-80.1	0.0	4.9	-80.1	-80.1	0.0
HVAC7	3.9	-81.1	-81.1	0.0	3.9	-81.1	-81.1	0.0
Trash Pick Up Area 1	-20.7	-82.0	-82.0	0.0	-20.7	-82.0	-82.0	0.0
Trash Pick Up Area 2	-25.0	-86.2	-86.2	0.0	-25.0	-86.2	-86.2	0.0
Trash Pick Up Area 3	-27.6	-88.9	-88.9	0.0	-27.6	-88.9	-88.9	0.0
Trash Pick Up Area 4	-25.7	-86.9	-86.9	0.0	-25.7	-86.9	-86.9	0.0
Trash Pick Up Area 5	-30.4	-91.6	-91.6	0.0	-30.4	-91.6	-91.6	0.0
26 2.Fl	31.8	-44.2	-44.2	40.0	31.8	-44.2	-44.2	40.0
1	10.8	0.0	0.0	0.0	10.0	0.0	0.0	0.0
1	17.2	-50.8	-50.8	39.2	17.2	-50.8	-50.8	39.2
2	18.1	0.0	0.0	0.0	17.0	0.0	0.0	0.0
2	16.5	-51.5	-51.5	38.5	16.5	-51.5	-51.5	38.5
3	14.2	-55.8	-55.8	34.2	14.3	-55.7	-55.7	34.3
3	3.4	0.0	0.0	0.0	3.4	0.0	0.0	0.0
4	-9.3	0.0	0.0	0.0	-9.3	0.0	0.0	0.0
4	11.7	-58.3	-58.3	31.7	11.7	-58.3	-58.3	31.7
5	8.4	0.0	0.0	0.0	8.4	0.0	0.0	0.0
5	17.0	-53.0	-53.0	37.0	17.0	-53.0	-53.0	37.0
6	-7.9	0.0	0.0	0.0	-7.9	0.0	0.0	0.0
6	18.0	-50.0	-50.0	40.0	18.0	-50.0	-50.0	40.0
7	-7.8	0.0	0.0	0.0	-7.8	0.0	0.0	0.0
7	-6.9	-74.9	-74.9	15.1	-6.9	-74.9	-74.9	15.1
8	23.3	0.0	0.0	0.0	23.3	0.0	0.0	0.0
8	4.6	-63.4	-63.4	26.6	4.6	-63.4	-63.4	26.6
9	19.7	0.0	0.0	0.0	19.7	0.0	0.0	0.0
10	7.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0
11	7.8	0.0	0.0	0.0	7.8	0.0	0.0	0.0
12	13.1	0.0	0.0	0.0	13.1	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
HVAC1	20.1	-64.9	-64.9	0.0	20.1	-64.9	-64.9	0.0
HVAC2	27.5	-57.5	-57.5	0.0	27.5	-57.5	-57.5	0.0
HVAC3	21.3	-63.7	-63.7	0.0	21.3	-63.7	-63.7	0.0
HVAC4	10.6	-74.4	-74.4	0.0	10.6	-74.4	-74.4	0.0
HVAC5	10.4	-74.6	-74.6	0.0	10.4	-74.6	-74.6	0.0
HVAC6	10.2	-74.8	-74.8	0.0	10.2	-74.8	-74.8	0.0
HVAC7	9.7	-75.3	-75.3	0.0	9.7	-75.3	-75.3	0.0
Trash Pick Up Area 1	-20.7	-82.0	-82.0	0.0	-20.7	-82.0	-82.0	0.0
Trash Pick Up Area 2	-24.9	-86.2	-86.2	0.0	-24.9	-86.2	-86.2	0.0
Trash Pick Up Area 3	-26.3	-87.6	-87.6	0.0	-26.3	-87.6	-87.6	0.0
Trash Pick Up Area 4	-25.6	-86.8	-86.8	0.0	-25.6	-86.8	-86.8	0.0
Trash Pick Up Area 5	-29.8	-91.1	-91.1	0.0	-29.8	-91.1	-91.1	0.0
27 1.Fl	32.6	-46.3	-46.3	38.3	31.6	-46.3	-46.3	38.3
1	22.5	0.0	0.0	0.0	19.7	0.0	0.0	0.0
1	16.3	-51.7	-51.7	38.3	16.3	-51.7	-51.7	38.3
2	30.3	0.0	0.0	0.0	28.9	0.0	0.0	0.0
2	11.2	-56.8	-56.8	33.2	11.2	-56.8	-56.8	33.2
3	14.3	-55.7	-55.7	34.3	14.3	-55.7	-55.7	34.3
3	5.3	0.0	0.0	0.0	5.3	0.0	0.0	0.0
4	-8.3	0.0	0.0	0.0	-8.3	0.0	0.0	0.0
4	10.8	-59.2	-59.2	30.8	10.8	-59.2	-59.2	30.8
5	8.5	0.0	0.0	0.0	8.5	0.0	0.0	0.0
5	16.6	-53.4	-53.4	36.6	16.6	-53.4	-53.4	36.6
6	-7.4	0.0	0.0	0.0	-7.4	0.0	0.0	0.0
6	14.9	-53.1	-53.1	36.9	14.9	-53.1	-53.1	36.9
7	-7.8	0.0	0.0	0.0	-7.8	0.0	0.0	0.0
7	-7.0	-75.0	-75.0	15.0	-7.0	-75.0	-75.0	15.0
8	21.6	0.0	0.0	0.0	21.6	0.0	0.0	0.0
8	3.5	-64.5	-64.5	25.5	3.5	-64.5	-64.5	25.5
9	14.9	0.0	0.0	0.0	14.9	0.0	0.0	0.0
10	5.2	0.0	0.0	0.0	5.2	0.0	0.0	0.0
11	7.4	0.0	0.0	0.0	7.4	0.0	0.0	0.0
12	12.4	0.0	0.0	0.0	12.4	0.0	0.0	0.0
HVAC1	8.6	-76.4	-76.4	0.0	8.5	-76.5	-76.5	0.0
HVAC2	12.5	-72.5	-72.5	0.0	12.4	-72.6	-72.6	0.0
HVAC3	22.2	-62.8	-62.8	0.0	22.2	-62.8	-62.8	0.0
HVAC4	4.0	-81.0	-81.0	0.0	4.0	-81.0	-81.0	0.0
HVAC5	2.6	-82.4	-82.4	0.0	2.6	-82.4	-82.4	0.0
HVAC6	1.4	-83.6	-83.6	0.0	1.4	-83.6	-83.6	0.0
HVAC7	0.3	-84.7	-84.7	0.0	0.3	-84.7	-84.7	0.0
Trash Pick Up Area 1	-19.7	-81.0	-81.0	0.0	-19.7	-81.0	-81.0	0.0
Trash Pick Up Area 2	-24.2	-85.5	-85.5	0.0	-24.2	-85.5	-85.5	0.0
Trash Pick Up Area 3	-24.8	-86.1	-86.1	0.0	-24.8	-86.1	-86.1	0.0
Trash Pick Up Area 4	-26.5	-87.7	-87.7	0.0	-26.5	-87.7	-87.7	0.0
Trash Pick Up Area 5	-31.7	-93.0	-93.0	0.0	-31.7	-93.0	-93.0	0.0
27 2.Fl	33.8	-45.6	-45.6	38.6	33.5	-45.6	-45.6	38.6
1	22.4	0.0	0.0	0.0	21.1	0.0	0.0	0.0
1	16.6	-51.4	-51.4	38.6	16.6	-51.4	-51.4	38.6
2	31.5	0.0	0.0	0.0	31.1	0.0	0.0	0.0
2	12.5	-55.5	-55.5	34.5	12.5	-55.5	-55.5	34.5
3	15.6	-54.4	-54.4	35.6	15.6	-54.4	-54.4	35.6
3	5.3	0.0	0.0	0.0	5.3	0.0	0.0	0.0
4	-8.2	0.0	0.0	0.0	-8.2	0.0	0.0	0.0
4	10.8	-59.2	-59.2	30.8	10.8	-59.2	-59.2	30.8
5	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
5	16.6	-53.4	-53.4	36.6	16.6	-53.4	-53.4	36.6
6	-7.1	0.0	0.0	0.0	-7.1	0.0	0.0	0.0
6	16.3	-51.7	-51.7	38.3	16.3	-51.7	-51.7	38.3
7	-7.4	0.0	0.0	0.0	-7.4	0.0	0.0	0.0
7	-7.0	-75.0	-75.0	15.0	-7.0	-75.0	-75.0	15.0
8	22.4	0.0	0.0	0.0	22.4	0.0	0.0	0.0
8	4.1	-63.9	-63.9	26.1	4.1	-63.9	-63.9	26.1
9	16.7	0.0	0.0	0.0	16.7	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
10	7.1	0.0	0.0	0.0	7.1	0.0	0.0	0.0
11	7.6	0.0	0.0	0.0	7.6	0.0	0.0	0.0
12	13.3	0.0	0.0	0.0	13.2	0.0	0.0	0.0
HVAC1	12.6	-72.4	-72.4	0.0	12.6	-72.4	-72.4	0.0
HVAC2	16.2	-68.8	-68.8	0.0	16.2	-68.8	-68.8	0.0
HVAC3	24.2	-60.8	-60.8	0.0	24.2	-60.8	-60.8	0.0
HVAC4	6.1	-78.9	-78.9	0.0	6.1	-78.9	-78.9	0.0
HVAC5	4.9	-80.1	-80.1	0.0	4.9	-80.1	-80.1	0.0
HVAC6	3.9	-81.1	-81.1	0.0	3.9	-81.1	-81.1	0.0
HVAC7	2.9	-82.1	-82.1	0.0	2.9	-82.1	-82.1	0.0
Trash Pick Up Area 1	-19.8	-81.1	-81.1	0.0	-19.8	-81.1	-81.1	0.0
Trash Pick Up Area 2	-24.1	-85.4	-85.4	0.0	-24.1	-85.4	-85.4	0.0
Trash Pick Up Area 3	-23.0	-84.2	-84.2	0.0	-23.0	-84.2	-84.2	0.0
Trash Pick Up Area 4	-26.4	-87.7	-87.7	0.0	-26.4	-87.7	-87.7	0.0
Trash Pick Up Area 5	-31.4	-92.6	-92.6	0.0	-31.5	-92.8	-92.8	0.0
28 1.Fl	31.3	-45.3	-45.3	41.6	31.1	-45.3	-45.3	41.5
1	25.3	0.0	0.0	0.0	24.9	0.0	0.0	0.0
1	14.0	-54.0	-54.0	36.0	14.0	-54.0	-54.0	36.0
2	26.8	0.0	0.0	0.0	26.6	0.0	0.0	0.0
2	9.5	-58.5	-58.5	31.5	9.5	-58.5	-58.5	31.5
3	17.8	-52.2	-52.2	37.8	17.7	-52.3	-52.3	37.7
3	3.6	0.0	0.0	0.0	3.3	0.0	0.0	0.0
4	-10.3	0.0	0.0	0.0	-10.4	0.0	0.0	0.0
4	9.4	-60.6	-60.6	29.4	9.4	-60.6	-60.6	29.4
5	10.2	0.0	0.0	0.0	10.1	0.0	0.0	0.0
5	13.7	-56.3	-56.3	33.7	13.7	-56.3	-56.3	33.7
6	-8.4	0.0	0.0	0.0	-8.6	0.0	0.0	0.0
6	19.6	-48.4	-48.4	41.6	19.5	-48.5	-48.5	41.5
7	-9.4	0.0	0.0	0.0	-9.5	0.0	0.0	0.0
7	-7.8	-75.8	-75.8	14.2	-7.8	-75.8	-75.8	14.2
8	20.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
8	1.7	-66.3	-66.3	23.7	1.7	-66.3	-66.3	23.7
9	16.2	0.0	0.0	0.0	16.1	0.0	0.0	0.0
10	10.6	0.0	0.0	0.0	10.6	0.0	0.0	0.0
11	7.1	0.0	0.0	0.0	7.0	0.0	0.0	0.0
12	17.2	0.0	0.0	0.0	17.4	0.0	0.0	0.0
HVAC1	14.7	-70.3	-70.3	0.0	14.7	-70.3	-70.3	0.0
HVAC2	13.1	-71.9	-71.9	0.0	13.1	-71.9	-71.9	0.0
HVAC3	14.7	-70.3	-70.3	0.0	14.7	-70.3	-70.3	0.0
HVAC4	2.2	-82.8	-82.8	0.0	2.2	-82.8	-82.8	0.0
HVAC5	1.5	-83.5	-83.5	0.0	1.5	-83.5	-83.5	0.0
HVAC6	3.3	-81.7	-81.7	0.0	3.3	-81.7	-81.7	0.0
HVAC7	0.7	-84.3	-84.3	0.0	0.7	-84.3	-84.3	0.0
Trash Pick Up Area 1	-22.2	-83.5	-83.5	0.0	-22.3	-83.6	-83.6	0.0
Trash Pick Up Area 2	-24.9	-86.1	-86.1	0.0	-25.2	-86.5	-86.5	0.0
Trash Pick Up Area 3	-19.3	-80.6	-80.6	0.0	-19.3	-80.6	-80.6	0.0
Trash Pick Up Area 4	-28.2	-89.4	-89.4	0.0	-28.2	-89.4	-89.4	0.0
Trash Pick Up Area 5	-32.8	-94.1	-94.1	0.0	-32.8	-94.1	-94.1	0.0
28 2.Fl	34.5	-42.4	-42.4	45.2	33.7	-42.4	-42.4	45.1
1	29.1	0.0	0.0	0.0	27.8	0.0	0.0	0.0
1	14.3	-53.7	-53.7	36.3	14.3	-53.7	-53.7	36.3
2	30.3	0.0	0.0	0.0	29.3	0.0	0.0	0.0
2	10.5	-57.5	-57.5	32.5	10.5	-57.5	-57.5	32.5
3	21.7	-48.3	-48.3	41.7	21.6	-48.4	-48.4	41.6
3	3.8	0.0	0.0	0.0	3.3	0.0	0.0	0.0
4	-10.1	0.0	0.0	0.0	-10.2	0.0	0.0	0.0
4	9.4	-60.6	-60.6	29.4	9.4	-60.6	-60.6	29.4
5	12.2	0.0	0.0	0.0	12.1	0.0	0.0	0.0
5	13.7	-56.3	-56.3	33.7	13.7	-56.3	-56.3	33.7
6	-8.2	0.0	0.0	0.0	-8.4	0.0	0.0	0.0
6	23.2	-44.8	-44.8	45.2	23.1	-44.9	-44.9	45.1
7	-8.9	0.0	0.0	0.0	-8.9	0.0	0.0	0.0
7	-7.8	-75.8	-75.8	14.2	-7.8	-75.8	-75.8	14.2

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
8	20.9	0.0	0.0	0.0	20.9	0.0	0.0	0.0
8	2.2	-65.8	-65.8	24.2	2.1	-65.9	-65.9	24.1
9	19.3	0.0	0.0	0.0	19.3	0.0	0.0	0.0
10	11.8	0.0	0.0	0.0	11.7	0.0	0.0	0.0
11	7.4	0.0	0.0	0.0	7.3	0.0	0.0	0.0
12	20.0	0.0	0.0	0.0	20.1	0.0	0.0	0.0
HVAC1	16.7	-68.3	-68.3	0.0	16.7	-68.3	-68.3	0.0
HVAC2	15.6	-69.4	-69.4	0.0	15.6	-69.4	-69.4	0.0
HVAC3	16.7	-68.3	-68.3	0.0	16.7	-68.3	-68.3	0.0
HVAC4	4.6	-80.4	-80.4	0.0	4.6	-80.4	-80.4	0.0
HVAC5	4.6	-80.4	-80.4	0.0	4.6	-80.4	-80.4	0.0
HVAC6	5.2	-79.8	-79.8	0.0	5.2	-79.8	-79.8	0.0
HVAC7	2.7	-82.3	-82.3	0.0	2.7	-82.3	-82.3	0.0
Trash Pick Up Area 1	-22.3	-83.5	-83.5	0.0	-22.4	-83.7	-83.7	0.0
Trash Pick Up Area 2	-24.6	-85.8	-85.8	0.0	-25.2	-86.5	-86.5	0.0
Trash Pick Up Area 3	-16.5	-77.7	-77.7	0.0	-16.5	-77.8	-77.8	0.0
Trash Pick Up Area 4	-28.2	-89.4	-89.4	0.0	-28.2	-89.4	-89.4	0.0
Trash Pick Up Area 5	-32.7	-94.0	-94.0	0.0	-32.7	-94.0	-94.0	0.0
29 1.Fl	30.4	-45.4	-45.4	41.1	29.8	-45.7	-45.7	40.8
1	22.5	0.0	0.0	0.0	21.5	0.0	0.0	0.0
1	13.7	-54.3	-54.3	35.7	13.7	-54.3	-54.3	35.7
2	26.0	0.0	0.0	0.0	24.9	0.0	0.0	0.0
2	9.6	-58.4	-58.4	31.6	9.5	-58.5	-58.5	31.5
3	18.4	-51.6	-51.6	38.4	18.1	-51.9	-51.9	38.1
3	3.5	0.0	0.0	0.0	2.9	0.0	0.0	0.0
4	-10.4	0.0	0.0	0.0	-10.5	0.0	0.0	0.0
4	9.1	-60.9	-60.9	29.1	9.1	-60.9	-60.9	29.1
5	10.2	0.0	0.0	0.0	10.5	0.0	0.0	0.0
5	13.0	-57.0	-57.0	33.0	13.0	-57.0	-57.0	33.0
6	-8.4	0.0	0.0	0.0	-8.7	0.0	0.0	0.0
6	19.1	-48.9	-48.9	41.1	18.8	-49.2	-49.2	40.8
7	-9.4	0.0	0.0	0.0	-9.5	0.0	0.0	0.0
7	-7.9	-75.9	-75.9	14.1	-7.9	-75.9	-75.9	14.1
8	20.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
8	2.0	-66.0	-66.0	24.0	1.9	-66.1	-66.1	23.9
9	15.1	0.0	0.0	0.0	14.7	0.0	0.0	0.0
10	10.3	0.0	0.0	0.0	9.9	0.0	0.0	0.0
11	7.2	0.0	0.0	0.0	7.1	0.0	0.0	0.0
12	18.3	0.0	0.0	0.0	18.3	0.0	0.0	0.0
HVAC1	13.0	-72.0	-72.0	0.0	13.0	-72.0	-72.0	0.0
HVAC2	13.9	-71.1	-71.1	0.0	13.9	-71.1	-71.1	0.0
HVAC3	14.4	-70.6	-70.6	0.0	14.4	-70.6	-70.6	0.0
HVAC4	3.3	-81.7	-81.7	0.0	3.2	-81.8	-81.8	0.0
HVAC5	2.3	-82.7	-82.7	0.0	2.3	-82.7	-82.7	0.0
HVAC6	1.9	-83.1	-83.1	0.0	1.9	-83.1	-83.1	0.0
HVAC7	1.1	-83.9	-83.9	0.0	1.1	-83.9	-83.9	0.0
Trash Pick Up Area 1	-22.7	-84.0	-84.0	0.0	-22.9	-84.1	-84.1	0.0
Trash Pick Up Area 2	-24.6	-85.9	-85.9	0.0	-25.3	-86.6	-86.6	0.0
Trash Pick Up Area 3	-19.9	-81.2	-81.2	0.0	-20.4	-81.7	-81.7	0.0
Trash Pick Up Area 4	-28.7	-89.9	-89.9	0.0	-28.7	-89.9	-89.9	0.0
Trash Pick Up Area 5	-32.8	-94.1	-94.1	0.0	-32.8	-94.1	-94.1	0.0
29 2.Fl	33.8	-42.3	-42.3	44.9	33.3	-42.9	-42.9	44.2
1	25.9	0.0	0.0	0.0	26.0	0.0	0.0	0.0
1	14.2	-53.8	-53.8	36.2	14.1	-53.9	-53.9	36.1
2	30.1	0.0	0.0	0.0	28.9	0.0	0.0	0.0
2	10.5	-57.5	-57.5	32.5	10.5	-57.5	-57.5	32.5
3	22.8	-47.2	-47.2	42.8	21.9	-48.1	-48.1	41.9
3	4.6	0.0	0.0	0.0	3.0	0.0	0.0	0.0
4	-10.0	0.0	0.0	0.0	-10.4	0.0	0.0	0.0
4	9.1	-60.9	-60.9	29.1	9.1	-60.9	-60.9	29.1
5	12.1	0.0	0.0	0.0	12.5	0.0	0.0	0.0
5	13.0	-57.0	-57.0	33.0	13.0	-57.0	-57.0	33.0
6	-7.6	0.0	0.0	0.0	-8.4	0.0	0.0	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
6		22.9	-45.1	-45.1	44.9	22.2	-45.8	-45.8	44.2
7		-8.7	0.0	0.0	0.0	-9.0	0.0	0.0	0.0
7		-7.9	-75.9	-75.9	14.1	-7.9	-75.9	-75.9	14.1
8		20.8	0.0	0.0	0.0	20.7	0.0	0.0	0.0
8		2.7	-65.3	-65.3	24.7	2.7	-65.3	-65.3	24.7
9		17.9	0.0	0.0	0.0	17.7	0.0	0.0	0.0
10		12.7	0.0	0.0	0.0	11.9	0.0	0.0	0.0
11		7.5	0.0	0.0	0.0	7.4	0.0	0.0	0.0
12		21.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0
HVAC1		15.6	-69.4	-69.4	0.0	15.6	-69.4	-69.4	0.0
HVAC2		20.6	-64.4	-64.4	0.0	20.6	-64.4	-64.4	0.0
HVAC3		16.7	-68.3	-68.3	0.0	16.7	-68.3	-68.3	0.0
HVAC4		5.4	-79.6	-79.6	0.0	5.4	-79.6	-79.6	0.0
HVAC5		4.9	-80.1	-80.1	0.0	4.9	-80.1	-80.1	0.0
HVAC6		4.7	-80.3	-80.3	0.0	4.7	-80.3	-80.3	0.0
HVAC7		4.3	-80.7	-80.7	0.0	4.3	-80.7	-80.7	0.0
Trash Pick Up Area 1		-22.3	-83.6	-83.6	0.0	-22.3	-83.6	-83.6	0.0
Trash Pick Up Area 2		-24.2	-85.5	-85.5	0.0	-25.2	-86.5	-86.5	0.0
Trash Pick Up Area 3		-16.1	-77.4	-77.4	0.0	-17.6	-78.9	-78.9	0.0
Trash Pick Up Area 4		-28.6	-89.9	-89.9	0.0	-28.6	-89.9	-89.9	0.0
Trash Pick Up Area 5		-32.7	-93.9	-93.9	0.0	-32.7	-94.0	-94.0	0.0
30	1.Fl	32.3	-42.8	-42.8	43.9	31.4	-43.6	-43.6	42.7
1		24.2	0.0	0.0	0.0	22.7	0.0	0.0	0.0
1		13.4	-54.6	-54.6	35.4	13.4	-54.6	-54.6	35.4
2		27.7	0.0	0.0	0.0	26.3	0.0	0.0	0.0
2		10.1	-57.9	-57.9	32.1	10.1	-57.9	-57.9	32.1
3		23.0	-47.0	-47.0	43.0	22.2	-47.8	-47.8	42.2
3		3.1	0.0	0.0	0.0	2.5	0.0	0.0	0.0
4		-10.6	0.0	0.0	0.0	-10.7	0.0	0.0	0.0
4		8.7	-61.3	-61.3	28.7	8.7	-61.3	-61.3	28.7
5		15.1	0.0	0.0	0.0	14.6	0.0	0.0	0.0
5		12.2	-57.8	-57.8	32.2	12.1	-57.9	-57.9	32.1
6		-8.0	0.0	0.0	0.0	-8.3	0.0	0.0	0.0
6		21.9	-46.1	-46.1	43.9	20.7	-47.3	-47.3	42.7
7		-9.1	0.0	0.0	0.0	-9.2	0.0	0.0	0.0
7		-8.1	-76.1	-76.1	13.9	-8.1	-76.1	-76.1	13.9
8		20.9	0.0	0.0	0.0	20.9	0.0	0.0	0.0
8		1.3	-66.7	-66.7	23.3	1.3	-66.7	-66.7	23.3
9		15.8	0.0	0.0	0.0	15.8	0.0	0.0	0.0
10		11.8	0.0	0.0	0.0	10.5	0.0	0.0	0.0
11		7.6	0.0	0.0	0.0	7.4	0.0	0.0	0.0
12		21.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0
HVAC1		14.5	-70.5	-70.5	0.0	14.5	-70.5	-70.5	0.0
HVAC2		13.8	-71.2	-71.2	0.0	13.8	-71.2	-71.2	0.0
HVAC3		16.2	-68.8	-68.8	0.0	16.2	-68.8	-68.8	0.0
HVAC4		5.4	-79.6	-79.6	0.0	5.4	-79.6	-79.6	0.0
HVAC5		5.1	-79.9	-79.9	0.0	5.1	-79.9	-79.9	0.0
HVAC6		8.3	-76.7	-76.7	0.0	8.3	-76.7	-76.7	0.0
HVAC7		7.5	-77.5	-77.5	0.0	7.5	-77.5	-77.5	0.0
Trash Pick Up Area 1		-23.2	-84.5	-84.5	0.0	-23.6	-84.8	-84.8	0.0
Trash Pick Up Area 2		-23.8	-85.0	-85.0	0.0	-24.8	-86.1	-86.1	0.0
Trash Pick Up Area 3		-16.5	-77.8	-77.8	0.0	-19.4	-80.6	-80.6	0.0
Trash Pick Up Area 4		-29.0	-90.3	-90.3	0.0	-29.0	-90.3	-90.3	0.0
Trash Pick Up Area 5		-33.0	-94.3	-94.3	0.0	-33.0	-94.3	-94.3	0.0
30	2.Fl	35.4	-38.6	-38.6	49.0	34.6	-40.1	-40.1	47.0
1		26.1	0.0	0.0	0.0	25.7	0.0	0.0	0.0
1		14.1	-53.9	-53.9	36.1	14.0	-54.0	-54.0	36.0
2		29.8	0.0	0.0	0.0	29.2	0.0	0.0	0.0
2		11.7	-56.3	-56.3	33.7	11.8	-56.2	-56.2	33.8
3		29.0	-41.0	-41.0	49.0	27.0	-43.0	-43.0	47.0
3		3.7	0.0	0.0	0.0	2.8	0.0	0.0	0.0
4		-10.2	0.0	0.0	0.0	-10.3	0.0	0.0	0.0
4		8.7	-61.3	-61.3	28.7	8.7	-61.3	-61.3	28.7

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
5		17.4	0.0	0.0	0.0	17.0	0.0	0.0	0.0
5		12.2	-57.8	-57.8	32.2	12.1	-57.9	-57.9	32.1
6		-7.5	0.0	0.0	0.0	-7.9	0.0	0.0	0.0
6		24.8	-43.2	-43.2	46.8	23.8	-44.2	-44.2	45.8
7		-7.7	0.0	0.0	0.0	-7.9	0.0	0.0	0.0
7		-8.0	-76.0	-76.0	14.0	-8.0	-76.0	-76.0	14.0
8		22.2	0.0	0.0	0.0	22.3	0.0	0.0	0.0
8		2.8	-65.2	-65.2	24.8	2.7	-65.3	-65.3	24.7
9		19.1	0.0	0.0	0.0	19.1	0.0	0.0	0.0
10		13.4	0.0	0.0	0.0	12.6	0.0	0.0	0.0
11		7.8	0.0	0.0	0.0	7.6	0.0	0.0	0.0
12		23.8	0.0	0.0	0.0	22.7	0.0	0.0	0.0
HVAC1		19.4	-65.6	-65.6	0.0	19.4	-65.6	-65.6	0.0
HVAC2		20.3	-64.7	-64.7	0.0	20.3	-64.7	-64.7	0.0
HVAC3		18.7	-66.3	-66.3	0.0	18.7	-66.3	-66.3	0.0
HVAC4		10.5	-74.5	-74.5	0.0	10.5	-74.5	-74.5	0.0
HVAC5		7.3	-77.7	-77.7	0.0	7.3	-77.7	-77.7	0.0
HVAC6		14.2	-70.8	-70.8	0.0	14.2	-70.8	-70.8	0.0
HVAC7		12.9	-72.1	-72.1	0.0	12.9	-72.1	-72.1	0.0
Trash Pick Up Area 1		-22.9	-84.2	-84.2	0.0	-23.7	-84.9	-84.9	0.0
Trash Pick Up Area 2		-22.5	-83.8	-83.8	0.0	-24.8	-86.0	-86.0	0.0
Trash Pick Up Area 3		-14.8	-76.1	-76.1	0.0	-16.4	-77.7	-77.7	0.0
Trash Pick Up Area 4		-29.0	-90.3	-90.3	0.0	-29.0	-90.3	-90.3	0.0
Trash Pick Up Area 5		-33.0	-94.2	-94.2	0.0	-33.0	-94.2	-94.2	0.0
31	1.Fl	48.2	-22.7	-22.7	63.7	44.0	-27.1	-27.1	59.7
1		1.3	0.0	0.0	0.0	1.1	0.0	0.0	0.0
1		28.6	-39.4	-39.4	50.6	28.0	-40.0	-40.0	50.0
2		11.2	0.0	0.0	0.0	10.8	0.0	0.0	0.0
2		38.4	-29.6	-29.6	60.4	37.7	-30.3	-30.3	59.7
3		19.3	-50.7	-50.7	39.3	14.3	-55.7	-55.7	34.3
3		16.9	0.0	0.0	0.0	16.5	0.0	0.0	0.0
4		2.7	0.0	0.0	0.0	2.2	0.0	0.0	0.0
4		42.3	-27.7	-27.7	62.3	37.6	-32.4	-32.4	57.6
5		18.3	0.0	0.0	0.0	17.8	0.0	0.0	0.0
5		30.3	-39.7	-39.7	50.3	29.7	-40.3	-40.3	49.7
6		2.3	0.0	0.0	0.0	1.8	0.0	0.0	0.0
6		23.0	-45.0	-45.0	45.0	17.3	-50.7	-50.7	39.3
7		2.6	0.0	0.0	0.0	2.2	0.0	0.0	0.0
7		3.7	-64.3	-64.3	25.7	3.4	-64.6	-64.6	25.4
8		43.6	0.0	0.0	0.0	39.4	0.0	0.0	0.0
8		41.7	-26.3	-26.3	63.7	31.8	-36.2	-36.2	53.8
9		23.3	0.0	0.0	0.0	17.2	0.0	0.0	0.0
10		9.1	0.0	0.0	0.0	3.2	0.0	0.0	0.0
11		17.0	0.0	0.0	0.0	16.8	0.0	0.0	0.0
12		21.7	0.0	0.0	0.0	20.4	0.0	0.0	0.0
HVAC1		24.8	-60.2	-60.2	0.0	24.8	-60.2	-60.2	0.0
HVAC2		23.1	-61.9	-61.9	0.0	23.1	-61.9	-61.9	0.0
HVAC3		18.0	-67.0	-67.0	0.0	17.9	-67.1	-67.1	0.0
HVAC4		25.7	-59.3	-59.3	0.0	25.2	-59.8	-59.8	0.0
HVAC5		23.1	-61.9	-61.9	0.0	22.6	-62.4	-62.4	0.0
HVAC6		20.7	-64.3	-64.3	0.0	20.4	-64.6	-64.6	0.0
HVAC7		18.3	-66.7	-66.7	0.0	18.2	-66.8	-66.8	0.0
Trash Pick Up Area 1		-7.7	-68.9	-68.9	0.0	-8.1	-69.4	-69.4	0.0
Trash Pick Up Area 2		-19.1	-80.4	-80.4	0.0	-24.1	-85.4	-85.4	0.0
Trash Pick Up Area 3		-23.3	-84.6	-84.6	0.0	-28.6	-89.9	-89.9	0.0
Trash Pick Up Area 4		-5.7	-67.0	-67.0	0.0	-13.0	-74.3	-74.3	0.0
Trash Pick Up Area 5		-7.4	-68.7	-68.7	0.0	-9.4	-70.7	-70.7	0.0
31	2.Fl	49.0	-21.6	-21.6	63.8	48.9	-21.7	-21.7	63.8
1		1.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0
1		35.5	-32.5	-32.5	57.5	35.5	-32.5	-32.5	57.5
2		12.1	0.0	0.0	0.0	12.1	0.0	0.0	0.0
2		39.7	-28.3	-28.3	61.7	39.2	-28.8	-28.8	61.2
3		19.4	-50.6	-50.6	39.4	19.4	-50.6	-50.6	39.4

Contribution Levels of the Receivers

Source name	Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
3	18.7	0.0	0.0	0.0	18.7	0.0	0.0	0.0
4	5.2	0.0	0.0	0.0	5.2	0.0	0.0	0.0
4	42.4	-27.6	-27.6	62.4	42.4	-27.6	-27.6	62.4
5	20.8	0.0	0.0	0.0	20.8	0.0	0.0	0.0
5	38.2	-31.8	-31.8	58.2	38.2	-31.8	-31.8	58.2
6	4.6	0.0	0.0	0.0	4.6	0.0	0.0	0.0
6	24.6	-43.4	-43.4	46.6	24.6	-43.4	-43.4	46.6
7	5.2	0.0	0.0	0.0	5.2	0.0	0.0	0.0
7	5.1	-62.9	-62.9	27.1	5.1	-62.9	-62.9	27.1
8	43.7	0.0	0.0	0.0	43.6	0.0	0.0	0.0
8	41.8	-26.2	-26.2	63.8	41.8	-26.2	-26.2	63.8
9	23.7	0.0	0.0	0.0	23.7	0.0	0.0	0.0
10	9.1	0.0	0.0	0.0	9.1	0.0	0.0	0.0
11	16.9	0.0	0.0	0.0	16.9	0.0	0.0	0.0
12	22.9	0.0	0.0	0.0	22.9	0.0	0.0	0.0
HVAC1	27.0	-58.0	-58.0	0.0	27.0	-58.0	-58.0	0.0
HVAC2	24.2	-60.8	-60.8	0.0	24.2	-60.8	-60.8	0.0
HVAC3	21.6	-63.4	-63.4	0.0	21.6	-63.4	-63.4	0.0
HVAC4	27.3	-57.7	-57.7	0.0	27.3	-57.7	-57.7	0.0
HVAC5	24.2	-60.8	-60.8	0.0	24.2	-60.8	-60.8	0.0
HVAC6	21.7	-63.3	-63.3	0.0	21.7	-63.3	-63.3	0.0
HVAC7	19.2	-65.8	-65.8	0.0	19.2	-65.8	-65.8	0.0
Trash Pick Up Area 1	-4.2	-65.4	-65.4	0.0	-4.2	-65.4	-65.4	0.0
Trash Pick Up Area 2	-19.3	-80.6	-80.6	0.0	-19.3	-80.6	-80.6	0.0
Trash Pick Up Area 3	-23.4	-84.7	-84.7	0.0	-23.4	-84.7	-84.7	0.0
Trash Pick Up Area 4	-5.6	-66.8	-66.8	0.0	-9.1	-70.4	-70.4	0.0
Trash Pick Up Area 5	-6.8	-68.1	-68.1	0.0	-7.4	-68.6	-68.6	0.0
32 1.Fl	45.3	-23.8	-23.8	63.9	42.0	-27.6	-27.6	59.2
1	1.6	0.0	0.0	0.0	1.4	0.0	0.0	0.0
1	41.9	-26.1	-26.1	63.9	37.2	-30.8	-30.8	59.2
2	11.5	0.0	0.0	0.0	10.3	0.0	0.0	0.0
2	37.4	-30.6	-30.6	59.4	35.4	-32.6	-32.6	57.4
3	13.8	-56.2	-56.2	33.8	13.7	-56.3	-56.3	33.7
3	18.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0
4	5.8	0.0	0.0	0.0	3.8	0.0	0.0	0.0
4	38.4	-31.6	-31.6	58.4	34.7	-35.3	-35.3	54.7
5	20.4	0.0	0.0	0.0	20.1	0.0	0.0	0.0
5	29.0	-41.0	-41.0	49.0	26.9	-43.1	-43.1	46.9
6	4.3	0.0	0.0	0.0	4.2	0.0	0.0	0.0
6	17.8	-50.2	-50.2	39.8	17.2	-50.8	-50.8	39.2
7	6.1	0.0	0.0	0.0	4.7	0.0	0.0	0.0
7	2.8	-65.2	-65.2	24.8	2.4	-65.6	-65.6	24.4
8	35.5	0.0	0.0	0.0	33.6	0.0	0.0	0.0
8	19.6	-48.4	-48.4	41.6	18.8	-49.2	-49.2	40.8
9	18.1	0.0	0.0	0.0	18.1	0.0	0.0	0.0
10	3.2	0.0	0.0	0.0	3.1	0.0	0.0	0.0
11	15.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0
12	23.5	0.0	0.0	0.0	22.4	0.0	0.0	0.0
HVAC1	23.7	-61.3	-61.3	0.0	23.7	-61.3	-61.3	0.0
HVAC2	18.2	-66.8	-66.8	0.0	18.2	-66.8	-66.8	0.0
HVAC3	16.1	-68.9	-68.9	0.0	16.1	-68.9	-68.9	0.0
HVAC4	24.1	-60.9	-60.9	0.0	24.0	-61.0	-61.0	0.0
HVAC5	21.6	-63.4	-63.4	0.0	21.5	-63.5	-63.5	0.0
HVAC6	19.7	-65.3	-65.3	0.0	19.6	-65.4	-65.4	0.0
HVAC7	18.2	-66.8	-66.8	0.0	17.6	-67.4	-67.4	0.0
Trash Pick Up Area 1	-7.0	-68.2	-68.2	0.0	-8.2	-69.4	-69.4	0.0
Trash Pick Up Area 2	-24.1	-85.4	-85.4	0.0	-24.6	-85.8	-85.8	0.0
Trash Pick Up Area 3	-28.8	-90.1	-90.1	0.0	-29.0	-90.3	-90.3	0.0
Trash Pick Up Area 4	-13.7	-74.9	-74.9	0.0	-15.9	-77.2	-77.2	0.0
Trash Pick Up Area 5	-8.4	-69.7	-69.7	0.0	-11.0	-72.3	-72.3	0.0
32 2.Fl	46.2	-23.3	-23.3	64.2	46.1	-23.5	-23.5	64.2
1	1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0
1	42.2	-25.8	-25.8	64.2	42.2	-25.8	-25.8	64.2

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
2	11.6	0.0	0.0	0.0	11.6	0.0	0.0	0.0
2	37.3	-30.7	-30.7	59.3	36.5	-31.5	-31.5	58.5
3	18.7	-51.3	-51.3	38.7	18.7	-51.3	-51.3	38.7
3	19.2	0.0	0.0	0.0	19.2	0.0	0.0	0.0
4	6.3	0.0	0.0	0.0	6.3	0.0	0.0	0.0
4	38.9	-31.1	-31.1	58.9	38.8	-31.2	-31.2	58.8
5	20.9	0.0	0.0	0.0	20.9	0.0	0.0	0.0
5	34.2	-35.8	-35.8	54.2	34.2	-35.8	-35.8	54.2
6	4.9	0.0	0.0	0.0	4.9	0.0	0.0	0.0
6	24.5	-43.5	-43.5	46.5	24.5	-43.5	-43.5	46.5
7	6.7	0.0	0.0	0.0	6.7	0.0	0.0	0.0
7	4.1	-63.9	-63.9	26.1	4.1	-63.9	-63.9	26.1
8	37.8	0.0	0.0	0.0	37.8	0.0	0.0	0.0
8	24.4	-43.6	-43.6	46.4	24.2	-43.8	-43.8	46.2
9	23.3	0.0	0.0	0.0	23.3	0.0	0.0	0.0
10	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
11	16.3	0.0	0.0	0.0	16.3	0.0	0.0	0.0
12	24.5	0.0	0.0	0.0	24.4	0.0	0.0	0.0
HVAC1	27.0	-58.0	-58.0	0.0	27.0	-58.0	-58.0	0.0
HVAC2	21.8	-63.2	-63.2	0.0	21.8	-63.2	-63.2	0.0
HVAC3	19.6	-65.4	-65.4	0.0	19.6	-65.4	-65.4	0.0
HVAC4	24.8	-60.2	-60.2	0.0	24.8	-60.2	-60.2	0.0
HVAC5	22.9	-62.1	-62.1	0.0	22.9	-62.1	-62.1	0.0
HVAC6	20.6	-64.4	-64.4	0.0	20.6	-64.4	-64.4	0.0
HVAC7	18.3	-66.7	-66.7	0.0	18.3	-66.7	-66.7	0.0
Trash Pick Up Area 1	-3.7	-65.0	-65.0	0.0	-3.7	-65.0	-65.0	0.0
Trash Pick Up Area 2	-19.7	-80.9	-80.9	0.0	-19.7	-80.9	-80.9	0.0
Trash Pick Up Area 3	-23.9	-85.1	-85.1	0.0	-23.9	-85.1	-85.1	0.0
Trash Pick Up Area 4	-11.0	-72.3	-72.3	0.0	-12.0	-73.2	-73.2	0.0
Trash Pick Up Area 5	-7.8	-69.1	-69.1	0.0	-8.3	-69.6	-69.6	0.0
33 1.Fl	36.2	-33.7	-33.7	54.7	35.5	-34.4	-34.4	54.3
1	1.7	0.0	0.0	0.0	1.5	0.0	0.0	0.0
1	20.4	-47.6	-47.6	42.4	20.2	-47.8	-47.8	42.2
2	6.7	0.0	0.0	0.0	6.6	0.0	0.0	0.0
2	32.7	-35.3	-35.3	54.7	32.3	-35.7	-35.7	54.3
3	12.3	-57.7	-57.7	32.3	12.3	-57.7	-57.7	32.3
3	2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0
4	-7.9	0.0	0.0	0.0	-8.2	0.0	0.0	0.0
4	29.8	-40.2	-40.2	49.8	27.7	-42.3	-42.3	47.7
5	9.6	0.0	0.0	0.0	9.5	0.0	0.0	0.0
5	19.1	-50.9	-50.9	39.1	19.1	-50.9	-50.9	39.1
6	-6.8	0.0	0.0	0.0	-6.9	0.0	0.0	0.0
6	15.1	-52.9	-52.9	37.1	15.1	-52.9	-52.9	37.1
7	-6.4	0.0	0.0	0.0	-6.6	0.0	0.0	0.0
7	0.8	-67.2	-67.2	22.8	-4.0	-72.0	-72.0	18.0
8	26.6	0.0	0.0	0.0	26.5	0.0	0.0	0.0
8	13.1	-54.9	-54.9	35.1	12.3	-55.7	-55.7	34.3
9	16.2	0.0	0.0	0.0	16.2	0.0	0.0	0.0
10	2.2	0.0	0.0	0.0	2.1	0.0	0.0	0.0
11	10.5	0.0	0.0	0.0	9.8	0.0	0.0	0.0
12	14.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0
HVAC1	24.4	-60.6	-60.6	0.0	24.3	-60.7	-60.7	0.0
HVAC2	18.4	-66.6	-66.6	0.0	18.3	-66.7	-66.7	0.0
HVAC3	15.2	-69.8	-69.8	0.0	15.2	-69.8	-69.8	0.0
HVAC4	12.0	-73.0	-73.0	0.0	12.0	-73.0	-73.0	0.0
HVAC5	13.5	-71.5	-71.5	0.0	13.4	-71.6	-71.6	0.0
HVAC6	17.9	-67.1	-67.1	0.0	17.8	-67.2	-67.2	0.0
HVAC7	16.0	-69.0	-69.0	0.0	16.0	-69.0	-69.0	0.0
Trash Pick Up Area 1	-22.2	-83.5	-83.5	0.0	-22.2	-83.5	-83.5	0.0
Trash Pick Up Area 2	-25.8	-87.0	-87.0	0.0	-25.8	-87.0	-87.0	0.0
Trash Pick Up Area 3	-30.0	-91.3	-91.3	0.0	-30.0	-91.3	-91.3	0.0
Trash Pick Up Area 4	-19.7	-81.0	-81.0	0.0	-20.0	-81.3	-81.3	0.0
Trash Pick Up Area 5	-13.3	-74.5	-74.5	0.0	-12.8	-74.1	-74.1	0.0

Contribution Levels of the Receivers

Source name		Level w/o NP Leq1	Leq2	Leq3	Lmax	Level w. NP Leq1	Leq2	Leq3	Lmax
		dB(A)				dB(A)			
33	2.Fl	38.0	-32.2	-32.2	55.7	37.9	-32.3	-32.3	55.8
1		1.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0
1		21.6	-46.4	-46.4	43.6	21.6	-46.4	-46.4	43.6
2		6.9	0.0	0.0	0.0	6.9	0.0	0.0	0.0
2		33.7	-34.3	-34.3	55.7	33.8	-34.2	-34.2	55.8
3		12.3	-57.7	-57.7	32.3	12.3	-57.7	-57.7	32.3
3		2.8	0.0	0.0	0.0	2.8	0.0	0.0	0.0
4		-7.2	0.0	0.0	0.0	-7.2	0.0	0.0	0.0
4		32.6	-37.4	-37.4	52.6	32.0	-38.0	-38.0	52.0
5		11.3	0.0	0.0	0.0	11.3	0.0	0.0	0.0
5		19.1	-50.9	-50.9	39.1	19.1	-50.9	-50.9	39.1
6		-5.3	0.0	0.0	0.0	-5.3	0.0	0.0	0.0
6		16.4	-51.6	-51.6	38.4	16.4	-51.6	-51.6	38.4
7		-5.0	0.0	0.0	0.0	-5.0	0.0	0.0	0.0
7		1.3	-66.7	-66.7	23.3	1.3	-66.7	-66.7	23.3
8		27.8	0.0	0.0	0.0	27.8	0.0	0.0	0.0
8		17.0	-51.0	-51.0	39.0	17.0	-51.0	-51.0	39.0
9		17.4	0.0	0.0	0.0	17.4	0.0	0.0	0.0
10		2.6	0.0	0.0	0.0	2.5	0.0	0.0	0.0
11		15.2	0.0	0.0	0.0	15.2	0.0	0.0	0.0
12		16.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
HVAC1		27.7	-57.3	-57.3	0.0	27.7	-57.3	-57.3	0.0
HVAC2		21.9	-63.1	-63.1	0.0	21.9	-63.1	-63.1	0.0
HVAC3		18.9	-66.1	-66.1	0.0	18.9	-66.1	-66.1	0.0
HVAC4		15.7	-69.3	-69.3	0.0	15.7	-69.3	-69.3	0.0
HVAC5		18.3	-66.7	-66.7	0.0	18.3	-66.7	-66.7	0.0
HVAC6		18.2	-66.8	-66.8	0.0	18.2	-66.8	-66.8	0.0
HVAC7		16.3	-68.7	-68.7	0.0	16.3	-68.7	-68.7	0.0
Trash Pick Up Area 1		-22.3	-83.6	-83.6	0.0	-22.3	-83.6	-83.6	0.0
Trash Pick Up Area 2		-25.8	-87.0	-87.0	0.0	-25.8	-87.0	-87.0	0.0
Trash Pick Up Area 3		-30.0	-91.3	-91.3	0.0	-30.0	-91.3	-91.3	0.0
Trash Pick Up Area 4		-18.7	-80.0	-80.0	0.0	-19.6	-80.8	-80.8	0.0
Trash Pick Up Area 5		-9.9	-71.2	-71.2	0.0	-11.9	-73.2	-73.2	0.0
34	1.Fl	54.6	-13.8	-13.8	75.5	54.6	-13.8	-13.8	75.5
1		-1.5	0.0	0.0	0.0	-1.5	0.0	0.0	0.0
1		21.6	-46.4	-46.4	43.6	21.6	-46.4	-46.4	43.6
2		9.4	0.0	0.0	0.0	9.4	0.0	0.0	0.0
2		53.5	-14.5	-14.5	75.5	53.5	-14.5	-14.5	75.5
3		16.7	-53.3	-53.3	36.7	16.7	-53.3	-53.3	36.7
3		10.9	0.0	0.0	0.0	10.9	0.0	0.0	0.0
4		-3.3	0.0	0.0	0.0	-3.3	0.0	0.0	0.0
4		47.8	-22.2	-22.2	67.8	47.8	-22.2	-22.2	67.8
5		11.4	0.0	0.0	0.0	11.4	0.0	0.0	0.0
5		21.3	-48.7	-48.7	41.3	21.3	-48.7	-48.7	41.3
6		-4.1	0.0	0.0	0.0	-4.1	0.0	0.0	0.0
6		17.1	-50.9	-50.9	39.1	17.1	-50.9	-50.9	39.1
7		-3.7	0.0	0.0	0.0	-3.7	0.0	0.0	0.0
7		9.8	-58.2	-58.2	31.8	9.8	-58.2	-58.2	31.8
8		22.6	0.0	0.0	0.0	22.6	0.0	0.0	0.0
8		17.2	-50.8	-50.8	39.2	17.2	-50.8	-50.8	39.2
9		17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0
10		5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
11		17.1	0.0	0.0	0.0	17.1	0.0	0.0	0.0
12		13.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0
HVAC1		16.8	-68.2	-68.2	0.0	16.8	-68.2	-68.2	0.0
HVAC2		18.5	-66.5	-66.5	0.0	18.5	-66.5	-66.5	0.0
HVAC3		15.5	-69.5	-69.5	0.0	15.5	-69.5	-69.5	0.0
HVAC4		22.2	-62.8	-62.8	0.0	22.2	-62.8	-62.8	0.0
HVAC5		22.4	-62.6	-62.6	0.0	22.4	-62.6	-62.6	0.0
HVAC6		22.4	-62.6	-62.6	0.0	22.4	-62.6	-62.6	0.0
HVAC7		21.2	-63.8	-63.8	0.0	21.2	-63.8	-63.8	0.0
Trash Pick Up Area 1		-14.6	-75.8	-75.8	0.0	-14.6	-75.8	-75.8	0.0
Trash Pick Up Area 2		-24.5	-85.8	-85.8	0.0	-24.5	-85.8	-85.8	0.0

Contribution Levels of the Receivers

Source name	Level w/o NP				Level w. NP			
	Leq1	Leq2	Leq3	Lmax	Leq1	Leq2	Leq3	Lmax
	dB(A)				dB(A)			
Trash Pick Up Area 3	-25.3	-86.6	-86.6	0.0	-25.3	-86.6	-86.6	0.0
Trash Pick Up Area 4	-1.4	-62.7	-62.7	0.0	-1.4	-62.7	-62.7	0.0
Trash Pick Up Area 5	-1.1	-62.3	-62.3	0.0	-1.1	-62.3	-62.3	0.0

Noise Emissions of Industry Sources

Source name	Reference	Level		Frequency spectrum [dB(A)]								Corrections		
				63	125	250	500	1	2	4	8	Kwall	CI	CT
			dB(A)	Hz	Hz	Hz	Hz	kHz	kHz	kHz	kHz	dB(A)	dB(A)	dB(A)
1	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
2	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
3	Meter	Leq1	70.0	37.0	47.0	54.0	60.0	63.0	64.0	64.0	62.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
4	Meter	Leq1	70.0	37.0	47.0	54.0	60.0	63.0	64.0	64.0	62.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
5	Meter	Leq1	70.0	37.0	47.0	54.0	60.0	63.0	64.0	64.0	62.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
6	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
7	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
8	Meter	Leq1	68.0	35.0	45.0	52.0	58.0	61.0	62.0	62.0	60.0	-	-	-
		Lmax	90.0	57.0	67.0	74.0	80.0	83.0	84.0	84.0	82.0	-	-	-
HVAC1	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC2	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC3	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC4	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC5	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
HVAC6	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
Trash Compactor 1	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
Trash Compactor 2	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
Trash Compactor 3	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
HVAC7	Unit	Leq1	85.0									-	-	-
		Lmax	-									-	-	-
Trash Compactor 4	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-
Trash Compactor 5	Unit	Leq1	61.3	44.8	47.8	53.3	55.8	55.0	54.2	48.0	41.9	-	-	-
		Lmax	-	-	-	-	-	-	-	-	-	-	-	-

Noise Emissions of Parking Lot Traffic

Name	Parking lot type	Low noise trolleys	Size	Movements per hour				Road surface	Separate method	Level
				Leq1	Leq2	Leq3	Lmax			dB(A)
1	Visitors and staff	-	31 car places	5.000	0.000	0.000	0.000	Asphaltic lanes	no	81.3
2	Visitors and staff	-	44 car places	7.000	0.000	0.000	0.000	Asphaltic lanes	no	83.3
3	Visitors and staff	-	23 car places	4.000	0.000	0.000	0.000	Asphaltic lanes	no	79.5
4	Visitors and staff	-	7 car places	1.000	0.000	0.000	0.000	Asphaltic lanes	no	71.5
5	Visitors and staff	-	30 car places	5.000	0.000	0.000	0.000	Asphaltic lanes	no	81.1
6	Visitors and staff	-	8 car places	1.000	0.000	0.000	0.000	Asphaltic lanes	no	72.0
7	Visitors and staff	-	7 car places	1.000	0.000	0.000	0.000	Asphaltic lanes	no	71.5
8	Visitors and staff	-	134 car places	20.00	0.000	0.000	0.000	Asphaltic lanes	no	89.5
9	Visitors and staff	-	99 car places	16.00	0.000	0.000	0.000	Asphaltic lanes	no	87.8
10	Visitors and staff	-	35 car places	6.000	0.000	0.000	0.000	Asphaltic lanes	no	82.0
11	Visitors and staff	-	104 car places	17.00	0.000	0.000	0.000	Asphaltic lanes	no	88.1
12	Visitors and staff	-	51 car places	8.000	0.000	0.000	0.000	Asphaltic lanes	no	84.1

Receiver List

No.	Receiver name	Building side	Floor	Limit Leq1 dB(A)	Limit Lmax dB(A)	Level w/o NP Leq1 dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Leq1 dB(A)	Level w. NP Lmax dB(A)	Difference Leq1 dB(A)	Difference Lmax dB(A)	Conflict Leq1 dB(A)	Conflict Leq2 dB(A)	Conflict Leq3 dB(A)	Conflict Lmax dB(A)
1	1		1.Fl	-	-	42.1	59.0	42.1	59.0	0.0	0.0	-	-	-	-
			2.Fl	-	-	44.4	61.2	44.4	61.2	0.0	0.0	-	-	-	-
2	2		1.Fl	-	-	30.1	40.0	30.0	40.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	31.8	40.4	31.8	40.4	0.0	0.0	-	-	-	-
3			1.Fl	-	-	38.9	51.9	38.9	51.9	0.0	0.0	-	-	-	-
			2.Fl	-	-	43.4	57.7	43.4	57.7	0.0	0.0	-	-	-	-
4	3		1.Fl	-	-	39.0	55.8	39.0	55.8	0.0	0.0	-	-	-	-
			2.Fl	-	-	44.4	59.1	44.4	59.1	0.0	0.0	-	-	-	-
5	4		1.Fl	-	-	43.8	61.8	43.8	61.8	0.0	0.0	-	-	-	-
			2.Fl	-	-	44.8	62.6	44.8	62.6	0.0	0.0	-	-	-	-
6	5		1.Fl	-	-	40.5	54.9	40.5	54.9	0.0	0.0	-	-	-	-
			2.Fl	-	-	41.0	55.0	41.0	55.0	0.0	0.0	-	-	-	-
7	6		1.Fl	-	-	36.6	48.2	36.6	48.2	0.0	0.0	-	-	-	-
			2.Fl	-	-	37.2	49.3	37.2	49.4	0.0	0.0	-	-	-	-
8	7		1.Fl	-	-	32.9	44.6	32.9	44.6	0.0	-0.1	-	-	-	-
			2.Fl	-	-	34.5	47.1	34.5	47.1	0.0	0.0	-	-	-	-
9	8		1.Fl	-	-	33.9	49.1	33.9	49.0	-0.1	-0.1	-	-	-	-
			2.Fl	-	-	35.9	49.8	35.8	49.6	-0.1	-0.2	-	-	-	-
10	9		1.Fl	-	-	37.2	55.0	37.3	55.1	0.0	0.1	-	-	-	-
			2.Fl	-	-	39.3	55.8	39.3	55.7	0.0	-0.1	-	-	-	-
11	10		1.Fl	-	-	32.5	41.0	32.5	40.7	0.0	-0.2	-	-	-	-
			2.Fl	-	-	34.7	44.8	34.7	44.8	0.0	0.0	-	-	-	-
12	11		1.Fl	-	-	31.3	39.9	31.3	39.9	0.0	0.0	-	-	-	-
			2.Fl	-	-	33.6	41.6	33.6	41.6	0.0	0.0	-	-	-	-
13	12		1.Fl	-	-	30.1	40.1	30.1	40.1	0.0	0.0	-	-	-	-
			2.Fl	-	-	32.1	40.5	32.1	40.5	0.0	0.0	-	-	-	-
14	13		1.Fl	-	-	30.6	40.3	30.6	40.3	0.0	0.0	-	-	-	-
			2.Fl	-	-	32.7	40.7	32.7	40.7	0.0	0.0	-	-	-	-
15	14		1.Fl	-	-	31.5	40.4	31.5	40.4	0.0	0.0	-	-	-	-
			2.Fl	-	-	33.9	41.0	33.9	41.0	0.0	0.0	-	-	-	-
16	16		1.Fl	-	-	31.3	40.0	31.2	40.0	-0.1	0.0	-	-	-	-
			2.Fl	-	-	33.5	40.7	33.4	40.7	-0.1	0.0	-	-	-	-
17	17		1.Fl	-	-	31.9	39.0	30.3	39.0	-1.6	0.0	-	-	-	-
18	18		1.Fl	-	-	43.7	52.5	43.7	52.5	0.0	0.0	-	-	-	-
			2.Fl	-	-	44.6	53.0	44.6	53.0	0.0	0.0	-	-	-	-
19	19		1.Fl	-	-	43.0	54.6	42.9	54.7	-0.1	0.1	-	-	-	-
			2.Fl	-	-	43.4	55.2	43.5	55.1	0.0	0.0	-	-	-	-
20	20		1.Fl	-	-	36.1	46.7	31.3	40.5	-4.8	-6.2	-	-	-	-
			2.Fl	-	-	41.9	56.0	37.3	49.8	-4.6	-6.1	-	-	-	-
21	21		1.Fl	-	-	38.6	53.2	33.7	45.1	-4.9	-8.1	-	-	-	-
			2.Fl	-	-	41.1	55.8	39.2	53.8	-1.9	-2.0	-	-	-	-
22	22		1.Fl	-	-	34.5	50.8	34.5	50.8	0.0	0.0	-	-	-	-
23	23		1.Fl	-	-	34.8	48.7	34.8	48.7	0.0	0.0	-	-	-	-
			2.Fl	-	-	36.4	51.6	36.4	51.6	0.0	0.0	-	-	-	-
24	24		1.Fl	-	-	31.7	47.1	31.7	47.1	0.0	0.0	-	-	-	-
			2.Fl	-	-	33.8	48.9	33.7	48.9	0.0	0.0	-	-	-	-
25	25		1.Fl	-	-	30.4	39.4	30.4	39.4	0.0	0.0	-	-	-	-
			2.Fl	-	-	34.0	42.1	34.0	42.1	0.0	0.0	-	-	-	-
26	26		1.Fl	-	-	28.7	38.7	28.6	38.7	-0.1	0.0	-	-	-	-
			2.Fl	-	-	31.8	40.0	31.8	40.0	0.0	0.0	-	-	-	-
27	27		1.Fl	-	-	32.6	38.3	31.6	38.3	-1.0	0.0	-	-	-	-
			2.Fl	-	-	33.8	38.6	33.5	38.6	-0.3	0.0	-	-	-	-
28	28		1.Fl	-	-	31.3	41.6	31.1	41.5	-0.2	0.0	-	-	-	-
			2.Fl	-	-	34.5	45.2	33.7	45.1	-0.7	0.0	-	-	-	-
29	29		1.Fl	-	-	30.4	41.1	29.8	40.8	-0.6	-0.3	-	-	-	-
			2.Fl	-	-	33.8	44.9	33.3	44.2	-0.6	-0.6	-	-	-	-
30	30		1.Fl	-	-	32.3	43.9	31.4	42.7	-0.9	-1.2	-	-	-	-
			2.Fl	-	-	35.4	49.0	34.6	47.0	-0.8	-2.0	-	-	-	-
31	31		1.Fl	-	-	48.2	63.7	44.0	59.7	-4.2	-4.0	-	-	-	-
			2.Fl	-	-	49.0	63.8	48.9	63.8	-0.1	0.0	-	-	-	-
32	32		1.Fl	-	-	45.3	63.9	42.0	59.2	-3.3	-4.8	-	-	-	-
			2.Fl	-	-	46.2	64.2	46.1	64.2	-0.1	0.0	-	-	-	-
33	33		1.Fl	-	-	36.2	54.7	35.5	54.3	-0.6	-0.4	-	-	-	-
			2.Fl	-	-	38.0	55.7	37.9	55.8	-0.1	0.2	-	-	-	-
34	34		1.Fl	-	-	54.6	75.5	54.6	75.5	0.0	0.0	-	-	-	-

Contribution Levels of the Receivers

Source name		Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)
1	1.Fl	24.1	24.0
Back up Beeper		24.1	24.0
1	2.Fl	25.4	25.3
Back up Beeper		25.4	25.3
2	1.Fl	16.1	16.1
Back up Beeper		16.1	16.1
2	2.Fl	16.2	16.2
Back up Beeper		16.2	16.2
2	1.Fl	36.9	36.7
Back up Beeper		36.9	36.7
2	2.Fl	42.1	42.1
Back up Beeper		42.1	42.1
3	1.Fl	44.7	44.7
Back up Beeper		44.7	44.7
3	2.Fl	54.0	54.0
Back up Beeper		54.0	54.0
4	1.Fl	53.1	53.1
Back up Beeper		53.1	53.1
4	2.Fl	53.0	53.0
Back up Beeper		53.0	53.0
5	1.Fl	47.5	47.5
Back up Beeper		47.5	47.5
5	2.Fl	47.4	47.4
Back up Beeper		47.4	47.4
6	1.Fl	41.4	39.9
Back up Beeper		41.4	39.9
6	2.Fl	42.3	40.3
Back up Beeper		42.3	40.3
7	1.Fl	21.1	21.1
Back up Beeper		21.1	21.1
7	2.Fl	22.8	22.5
Back up Beeper		22.8	22.5
8	1.Fl	32.0	19.3
Back up Beeper		32.0	19.3
8	2.Fl	32.3	23.4
Back up Beeper		32.3	23.4
9	1.Fl	26.2	26.2
Back up Beeper		26.2	26.2
9	2.Fl	28.1	28.1
Back up Beeper		28.1	28.1
10	1.Fl	21.2	20.4
Back up Beeper		21.2	20.4
10	2.Fl	21.2	21.2
Back up Beeper		21.2	21.2
11	1.Fl	20.2	20.1
Back up Beeper		20.2	20.1
11	2.Fl	20.2	20.1
Back up Beeper		20.2	20.1
12	1.Fl	19.5	19.5
Back up Beeper		19.5	19.5

Contribution Levels of the Receivers

Source name		Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)
12	2.Fl	19.5	19.5
Back up Beeper		19.5	19.5
13	1.Fl	18.3	18.3
Back up Beeper		18.3	18.3
13	2.Fl	18.3	18.3
Back up Beeper		18.3	18.3
14	1.Fl	17.1	17.1
Back up Beeper		17.1	17.1
14	2.Fl	17.2	17.2
Back up Beeper		17.2	17.2
16	1.Fl	15.1	15.1
Back up Beeper		15.1	15.1
16	2.Fl	15.1	15.1
Back up Beeper		15.1	15.1
17	1.Fl	13.9	13.9
Back up Beeper		13.9	13.9
18	1.Fl	12.2	12.2
Back up Beeper		12.2	12.2
18	2.Fl	12.2	12.2
Back up Beeper		12.2	12.2
19	1.Fl	11.3	11.3
Back up Beeper		11.3	11.3
19	2.Fl	11.4	11.4
Back up Beeper		11.4	11.4
20	1.Fl	9.9	9.8
Back up Beeper		9.9	9.8
20	2.Fl	10.4	10.4
Back up Beeper		10.4	10.4
21	1.Fl	9.8	9.6
Back up Beeper		9.8	9.6
21	2.Fl	9.8	9.8
Back up Beeper		9.8	9.8
22	1.Fl	24.2	24.2
Back up Beeper		24.2	24.2
23	1.Fl	29.3	29.3
Back up Beeper		29.3	29.3
23	2.Fl	29.9	29.8
Back up Beeper		29.9	29.8
24	1.Fl	21.9	21.9
Back up Beeper		21.9	21.9
24	2.Fl	22.1	22.1
Back up Beeper		22.1	22.1
25	1.Fl	16.7	16.7
Back up Beeper		16.7	16.7
25	2.Fl	16.9	16.9
Back up Beeper		16.9	16.9
26	1.Fl	14.9	14.9
Back up Beeper		14.9	14.9
26	2.Fl	14.9	14.9
Back up Beeper		14.9	14.9

Contribution Levels of the Receivers

Source name		Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)
27	1.Fl	13.1	13.1
Back up Beeper		13.1	13.1
27	2.Fl	13.2	13.2
Back up Beeper		13.2	13.2
28	1.Fl	10.9	10.9
Back up Beeper		10.9	10.9
28	2.Fl	10.9	10.9
Back up Beeper		10.9	10.9
29	1.Fl	10.3	10.2
Back up Beeper		10.3	10.2
29	2.Fl	10.3	10.3
Back up Beeper		10.3	10.3
30	1.Fl	9.5	9.5
Back up Beeper		9.5	9.5
30	2.Fl	9.6	9.6
Back up Beeper		9.6	9.6
31	1.Fl	54.2	44.6
Back up Beeper		54.2	44.6
32	1.Fl	58.9	47.9
Back up Beeper		58.9	47.9
33	1.Fl	44.7	28.0
Back up Beeper		44.7	28.0

Noise Emissions of Industry Sources

Source name	Reference	Frequency spectrum [dB(A)]								Corrections		
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Kwall dB(A)	CI dB(A)	CT dB(A)
Back up Beeper	Unit	70.0	80.0	87.0	93.0	96.0	97.0	97.0	95.0	-	-	-

Receiver List

No.	Receiver name	Building side	Floor	Limit Lmax dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)	Difference Lmax dB(A)	Conflict Leq1 dB(A)	Leq2 dB(A)	Leq3 dB(A)	Lmax dB(A)
1	1		1.Fl	-	24.1	24.0	0.0	-	-	-	-
			2.Fl	-	25.4	25.3	-0.1	-	-	-	-
2	2		1.Fl	-	16.1	16.1	0.0	-	-	-	-
			2.Fl	-	16.2	16.2	0.0	-	-	-	-
3			1.Fl	-	36.9	36.7	-0.1	-	-	-	-
			2.Fl	-	42.1	42.1	-0.1	-	-	-	-
4	3		1.Fl	-	44.7	44.7	0.0	-	-	-	-
			2.Fl	-	54.0	54.0	0.0	-	-	-	-
5	4		1.Fl	-	53.1	53.1	0.0	-	-	-	-
			2.Fl	-	53.0	53.0	0.0	-	-	-	-
6	5		1.Fl	-	47.5	47.5	0.0	-	-	-	-
			2.Fl	-	47.4	47.4	0.0	-	-	-	-
7	6		1.Fl	-	41.4	39.9	-1.5	-	-	-	-
			2.Fl	-	42.3	40.3	-2.0	-	-	-	-
8	7		1.Fl	-	21.1	21.1	-0.1	-	-	-	-
			2.Fl	-	22.8	22.5	-0.3	-	-	-	-
9	8		1.Fl	-	32.0	19.3	-12.8	-	-	-	-
			2.Fl	-	32.3	23.4	-8.9	-	-	-	-
10	9		1.Fl	-	26.2	26.2	0.0	-	-	-	-
			2.Fl	-	28.1	28.1	0.0	-	-	-	-
11	10		1.Fl	-	21.2	20.4	-0.8	-	-	-	-
			2.Fl	-	21.2	21.2	0.0	-	-	-	-
12	11		1.Fl	-	20.2	20.1	-0.1	-	-	-	-
			2.Fl	-	20.2	20.1	-0.1	-	-	-	-
13	12		1.Fl	-	19.5	19.5	0.0	-	-	-	-
			2.Fl	-	19.5	19.5	0.0	-	-	-	-
14	13		1.Fl	-	18.3	18.3	0.0	-	-	-	-
			2.Fl	-	18.3	18.3	0.0	-	-	-	-
15	14		1.Fl	-	17.1	17.1	0.0	-	-	-	-
			2.Fl	-	17.2	17.2	0.0	-	-	-	-
16	16		1.Fl	-	15.1	15.1	0.0	-	-	-	-
			2.Fl	-	15.1	15.1	0.0	-	-	-	-
17	17		1.Fl	-	13.9	13.9	0.0	-	-	-	-
18	18		1.Fl	-	12.2	12.2	0.0	-	-	-	-
			2.Fl	-	12.2	12.2	0.0	-	-	-	-
19	19		1.Fl	-	11.3	11.3	0.0	-	-	-	-
			2.Fl	-	11.4	11.4	0.0	-	-	-	-
20	20		1.Fl	-	9.9	9.8	-0.1	-	-	-	-
			2.Fl	-	10.4	10.4	0.0	-	-	-	-
21	21		1.Fl	-	9.8	9.6	-0.1	-	-	-	-
			2.Fl	-	9.8	9.8	0.0	-	-	-	-
22	22		1.Fl	-	24.2	24.2	0.0	-	-	-	-
23	23		1.Fl	-	29.3	29.3	0.0	-	-	-	-
			2.Fl	-	29.9	29.8	0.0	-	-	-	-
24	24		1.Fl	-	21.9	21.9	0.0	-	-	-	-
			2.Fl	-	22.1	22.1	0.0	-	-	-	-
25	25		1.Fl	-	16.7	16.7	0.0	-	-	-	-
			2.Fl	-	16.9	16.9	0.0	-	-	-	-
26	26		1.Fl	-	14.9	14.9	0.0	-	-	-	-
			2.Fl	-	14.9	14.9	0.0	-	-	-	-
27	27		1.Fl	-	13.1	13.1	0.0	-	-	-	-
			2.Fl	-	13.2	13.2	0.0	-	-	-	-
28	28		1.Fl	-	10.9	10.9	0.0	-	-	-	-
			2.Fl	-	10.9	10.9	0.0	-	-	-	-
29	29		1.Fl	-	10.3	10.2	0.0	-	-	-	-
			2.Fl	-	10.3	10.3	0.0	-	-	-	-
30	30		1.Fl	-	9.5	9.5	0.0	-	-	-	-
			2.Fl	-	9.6	9.6	0.0	-	-	-	-
31	31		1.Fl	-	54.2	44.6	-9.6	-	-	-	-
32	32		1.Fl	-	58.9	47.9	-11.0	-	-	-	-
33	33		1.Fl	-	44.7	28.0	-16.7	-	-	-	-

Contribution Levels of the Receivers

Source name		Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)
1	1.Fl	32.9	31.8
Loading/Unloading Maximum Noise Event		32.9	31.8
1	2.Fl	34.4	32.6
Loading/Unloading Maximum Noise Event		34.4	32.6
2	1.Fl	24.8	24.8
Loading/Unloading Maximum Noise Event		24.8	24.8
2	2.Fl	24.8	24.8
Loading/Unloading Maximum Noise Event		24.8	24.8
2	1.Fl	46.0	42.4
Loading/Unloading Maximum Noise Event		46.0	42.4
2	2.Fl	51.5	44.7
Loading/Unloading Maximum Noise Event		51.5	44.7
3	1.Fl	54.6	45.9
Loading/Unloading Maximum Noise Event		54.6	45.9
3	2.Fl	63.3	52.3
Loading/Unloading Maximum Noise Event		63.3	52.3
4	1.Fl	62.5	45.2
Loading/Unloading Maximum Noise Event		62.5	45.2
4	2.Fl	62.5	49.3
Loading/Unloading Maximum Noise Event		62.5	49.3
5	1.Fl	38.4	38.4
Loading/Unloading Maximum Noise Event		38.4	38.4
5	2.Fl	38.3	38.3
Loading/Unloading Maximum Noise Event		38.3	38.3
6	1.Fl	34.4	34.4
Loading/Unloading Maximum Noise Event		34.4	34.4
6	2.Fl	34.3	34.3
Loading/Unloading Maximum Noise Event		34.3	34.3
7	1.Fl	27.3	27.3
Loading/Unloading Maximum Noise Event		27.3	27.3
7	2.Fl	27.2	27.2
Loading/Unloading Maximum Noise Event		27.2	27.2
8	1.Fl	27.6	27.6
Loading/Unloading Maximum Noise Event		27.6	27.6
8	2.Fl	32.2	32.2
Loading/Unloading Maximum Noise Event		32.2	32.2
9	1.Fl	34.8	34.8
Loading/Unloading Maximum Noise Event		34.8	34.8
9	2.Fl	36.8	36.8
Loading/Unloading Maximum Noise Event		36.8	36.8
10	1.Fl	29.3	29.3
Loading/Unloading Maximum Noise Event		29.3	29.3
10	2.Fl	30.2	30.2
Loading/Unloading Maximum Noise Event		30.2	30.2
11	1.Fl	28.9	28.9
Loading/Unloading Maximum Noise Event		28.9	28.9
11	2.Fl	28.9	28.9
Loading/Unloading Maximum Noise Event		28.9	28.9
12	1.Fl	28.3	28.3
Loading/Unloading Maximum Noise Event		28.3	28.3

Contribution Levels of the Receivers

Source name		Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)
12	2.Fl	28.3	28.3
Loading/Unloading Maximum Noise Event		28.3	28.3
13	1.Fl	27.1	27.1
Loading/Unloading Maximum Noise Event		27.1	27.1
13	2.Fl	27.1	27.1
Loading/Unloading Maximum Noise Event		27.1	27.1
14	1.Fl	25.9	25.9
Loading/Unloading Maximum Noise Event		25.9	25.9
14	2.Fl	25.9	25.9
Loading/Unloading Maximum Noise Event		25.9	25.9
16	1.Fl	23.7	23.7
Loading/Unloading Maximum Noise Event		23.7	23.7
16	2.Fl	23.8	23.8
Loading/Unloading Maximum Noise Event		23.8	23.8
17	1.Fl	22.5	22.5
Loading/Unloading Maximum Noise Event		22.5	22.5
18	1.Fl	20.8	20.8
Loading/Unloading Maximum Noise Event		20.8	20.8
18	2.Fl	20.8	20.8
Loading/Unloading Maximum Noise Event		20.8	20.8
19	1.Fl	19.9	19.9
Loading/Unloading Maximum Noise Event		19.9	19.9
19	2.Fl	19.9	19.9
Loading/Unloading Maximum Noise Event		19.9	19.9
20	1.Fl	18.7	18.7
Loading/Unloading Maximum Noise Event		18.7	18.7
20	2.Fl	18.9	18.9
Loading/Unloading Maximum Noise Event		18.9	18.9
21	1.Fl	18.1	18.1
Loading/Unloading Maximum Noise Event		18.1	18.1
21	2.Fl	18.4	18.4
Loading/Unloading Maximum Noise Event		18.4	18.4
22	1.Fl	33.0	32.5
Loading/Unloading Maximum Noise Event		33.0	32.5
23	1.Fl	38.4	37.3
Loading/Unloading Maximum Noise Event		38.4	37.3
23	2.Fl	39.0	37.5
Loading/Unloading Maximum Noise Event		39.0	37.5
24	1.Fl	30.7	30.5
Loading/Unloading Maximum Noise Event		30.7	30.5
24	2.Fl	30.9	30.7
Loading/Unloading Maximum Noise Event		30.9	30.7
25	1.Fl	25.6	25.6
Loading/Unloading Maximum Noise Event		25.6	25.6
25	2.Fl	25.7	25.7
Loading/Unloading Maximum Noise Event		25.7	25.7
26	1.Fl	23.6	23.6
Loading/Unloading Maximum Noise Event		23.6	23.6
26	2.Fl	23.6	23.6
Loading/Unloading Maximum Noise Event		23.6	23.6

Contribution Levels of the Receivers

Source name		Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)
27	1.Fl	21.8	21.8
Loading/Unloading Maximum Noise Event		21.8	21.8
27	2.Fl	21.8	21.8
Loading/Unloading Maximum Noise Event		21.8	21.8
28	1.Fl	19.4	19.4
Loading/Unloading Maximum Noise Event		19.4	19.4
28	2.Fl	19.4	19.4
Loading/Unloading Maximum Noise Event		19.4	19.4
29	1.Fl	18.8	18.8
Loading/Unloading Maximum Noise Event		18.8	18.8
29	2.Fl	18.8	18.8
Loading/Unloading Maximum Noise Event		18.8	18.8
30	1.Fl	18.0	18.0
Loading/Unloading Maximum Noise Event		18.0	18.0
30	2.Fl	18.1	18.1
Loading/Unloading Maximum Noise Event		18.1	18.1
31	1.Fl	54.1	54.1
Loading/Unloading Maximum Noise Event		54.1	54.1
32	1.Fl	57.4	57.4
Loading/Unloading Maximum Noise Event		57.4	57.4
33	1.Fl	36.6	36.6
Loading/Unloading Maximum Noise Event		36.6	36.6

Noise Emissions of Industry Sources

Source name	Reference	Level		Frequency spectrum [dB(A)]								Corrections		
				63	125	250	500	1	2	4	8	Kwall	CI	CT
			dB(A)	Hz	Hz	Hz	Hz	kHz	kHz	kHz	kHz	dB(A)	dB(A)	dB(A)
Loading/Unloading Maximum M	Meter	Leq1	111.0	78.0	88.0	95.0	101.0	104.0	105.0	105.0	103.0	-	-	-
		Leq2	-	-	-	-	-	-	-	-	-	-	-	-
		Leq3	-	-	-	-	-	-	-	-	-	-	-	-
		Lmax	111.6	78.6	88.6	95.6	101.6	104.6	105.6	105.6	103.6	-	-	-

Receiver List

No.	Receiver name	Building side	Floor	Limit Lmax dB(A)	Level w/o NP Lmax dB(A)	Level w. NP Lmax dB(A)	Difference Lmax dB(A)	Conflict Leq1 dB(A)	Leq2	Leq3	Lmax
1	1		1.Fl	-	32.9	31.8	-1.2	-	-	-	-
			2.Fl	-	34.4	32.6	-1.8	-	-	-	-
2	2		1.Fl	-	24.8	24.8	0.0	-	-	-	-
			2.Fl	-	24.8	24.8	0.0	-	-	-	-
3			1.Fl	-	46.0	42.4	-3.6	-	-	-	-
			2.Fl	-	51.5	44.7	-6.8	-	-	-	-
4	3		1.Fl	-	54.6	45.9	-8.6	-	-	-	-
			2.Fl	-	63.3	52.3	-11.0	-	-	-	-
5	4		1.Fl	-	62.5	45.2	-17.3	-	-	-	-
			2.Fl	-	62.5	49.3	-13.2	-	-	-	-
6	5		1.Fl	-	38.4	38.4	0.0	-	-	-	-
			2.Fl	-	38.3	38.3	0.0	-	-	-	-
7	6		1.Fl	-	34.4	34.4	0.0	-	-	-	-
			2.Fl	-	34.3	34.3	0.0	-	-	-	-
8	7		1.Fl	-	27.3	27.3	0.0	-	-	-	-
			2.Fl	-	27.2	27.2	0.0	-	-	-	-
9	8		1.Fl	-	27.6	27.6	0.0	-	-	-	-
			2.Fl	-	32.2	32.2	0.0	-	-	-	-
10	9		1.Fl	-	34.8	34.8	0.0	-	-	-	-
			2.Fl	-	36.8	36.8	0.0	-	-	-	-
11	10		1.Fl	-	29.3	29.3	0.0	-	-	-	-
			2.Fl	-	30.2	30.2	0.0	-	-	-	-
12	11		1.Fl	-	28.9	28.9	0.0	-	-	-	-
			2.Fl	-	28.9	28.9	0.0	-	-	-	-
13	12		1.Fl	-	28.3	28.3	0.0	-	-	-	-
			2.Fl	-	28.3	28.3	0.0	-	-	-	-
14	13		1.Fl	-	27.1	27.1	0.0	-	-	-	-
			2.Fl	-	27.1	27.1	0.0	-	-	-	-
15	14		1.Fl	-	25.9	25.9	0.0	-	-	-	-
			2.Fl	-	25.9	25.9	0.0	-	-	-	-
16	16		1.Fl	-	23.7	23.7	0.0	-	-	-	-
			2.Fl	-	23.8	23.8	0.0	-	-	-	-
17	17		1.Fl	-	22.5	22.5	0.0	-	-	-	-
18	18		1.Fl	-	20.8	20.8	0.0	-	-	-	-
			2.Fl	-	20.8	20.8	0.0	-	-	-	-
19	19		1.Fl	-	19.9	19.9	0.0	-	-	-	-
			2.Fl	-	19.9	19.9	0.0	-	-	-	-
20	20		1.Fl	-	18.7	18.7	0.0	-	-	-	-
			2.Fl	-	18.9	18.9	0.0	-	-	-	-
21	21		1.Fl	-	18.1	18.1	0.0	-	-	-	-
			2.Fl	-	18.4	18.4	0.0	-	-	-	-
22	22		1.Fl	-	33.0	32.5	-0.5	-	-	-	-
23	23		1.Fl	-	38.4	37.3	-1.1	-	-	-	-
			2.Fl	-	39.0	37.5	-1.6	-	-	-	-
24	24		1.Fl	-	30.7	30.5	-0.2	-	-	-	-
			2.Fl	-	30.9	30.7	-0.2	-	-	-	-
25	25		1.Fl	-	25.6	25.6	0.0	-	-	-	-
			2.Fl	-	25.7	25.7	0.0	-	-	-	-
26	26		1.Fl	-	23.6	23.6	0.0	-	-	-	-
			2.Fl	-	23.6	23.6	0.0	-	-	-	-
27	27		1.Fl	-	21.8	21.8	0.0	-	-	-	-
			2.Fl	-	21.8	21.8	0.0	-	-	-	-
28	28		1.Fl	-	19.4	19.4	0.0	-	-	-	-
			2.Fl	-	19.4	19.4	0.0	-	-	-	-
29	29		1.Fl	-	18.8	18.8	0.0	-	-	-	-
			2.Fl	-	18.8	18.8	0.0	-	-	-	-
30	30		1.Fl	-	18.0	18.0	0.0	-	-	-	-
			2.Fl	-	18.1	18.1	0.0	-	-	-	-
31	31		1.Fl	-	54.1	54.1	0.0	-	-	-	-
32	32		1.Fl	-	57.4	57.4	0.0	-	-	-	-
33	33		1.Fl	-	36.6	36.6	0.0	-	-	-	-

APPENDIX E

Project Generated Traffic
FHWA Worksheets

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12690.00
										SPEED	35.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	379.04	0.09	0.01	70.04	0.00	0.00	52.63	0.09	0.01	% A	97.4
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.04	-16.32	-24.38	12.71	-29.85	-33.80	11.47	-16.32	-24.38		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.52
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	60.09
LEQ	60.08	33.43	30.60	52.75	19.91	21.17	51.51	33.43	30.60	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	60.09		EVENING LEQ	52.75		NIGHT LEQ	51.61		Use hour?	no
										GRADE dB	0.00
	CNEL		60.52								

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12823.97
										SPEED	35.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	383.04	0.09	0.01	70.78	0.00	0.00	53.19	0.09	0.01	% A	97.40
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.09	-16.28	-24.34	12.75	-29.80	-33.76	11.51	-16.28	-24.34		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.57
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	60.14
LEQ	60.13	33.48	30.64	52.79	19.96	21.22	51.55	33.48	30.64	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	60.14		EVENING LEQ	52.80		NIGHT LEQ	51.65		Use hour?	no
										GRADE dB	0.00
	CNEL		60.57								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	403.75	0.27	0.76	74.94	0.01	0.03	55.77	0.28	0.79
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.22	-12.48	-8.04	11.91	-26.28	-21.84	10.63	-12.30	-7.87
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.50	40.07	49.03	56.18	26.27	35.23	54.90	40.25	49.21

ADT	15155.00						
SPEED	45.00						
DISTANCE	50.00						
% A	92						
% MT	3						
% HT	5						
LEFT	-90.00						
RIGHT	90.00						
CNEL	64.53						
DAY LEQ	63.67						
Day hour	89.00						
Absorbtive?	no						
Use hour?	no						
GRADE dB	0.00						

DAY LEQ	63.67	EVENING LEQ	56.22	NIGHT LEQ	56.05		
CNEL	64.53						

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	15512.93
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	413.85	0.28	0.76	76.82	0.01	0.03	57.17	0.29	0.79	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	19.33	-12.42	-8.03	12.02	-26.22	-21.83	10.73	-12.24	-7.85		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.63
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.77
LEQ	63.61	40.13	49.04	56.29	26.33	35.24	55.01	40.31	49.22	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.77		EVENING LEQ	56.33		NIGHT LEQ	56.14		Use hour?	no
										GRADE dB	0.00
	CNEL		64.63								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13390.00
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	356.73	0.24	0.67	66.21	0.01	0.03	49.28	0.25	0.70	% A	92
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	3
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	5
ADJUSTMENTS											
Flow	18.69	-13.02	-8.58	11.37	-26.82	-22.38	10.09	-12.84	-8.40		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.13
LEQ	62.96	39.53	48.49	55.65	25.73	34.69	54.36	39.71	48.67	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.13		EVENING LEQ	55.69		NIGHT LEQ	55.51		Use hour?	no
										GRADE dB	0.00
	CNEL		64.00								

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13807.92
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	368.52	0.25	0.67	68.40	0.01	0.03	50.90	0.26	0.70	% A	92.16
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.96
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.87
ADJUSTMENTS											
Flow	18.83	-12.94	-8.56	11.51	-26.74	-22.36	10.23	-12.76	-8.38		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.12
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.27
LEQ	63.10	39.62	48.51	55.79	25.82	34.71	54.50	39.79	48.69	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.27		EVENING LEQ	55.83		NIGHT LEQ	55.63		Use hour?	no
										GRADE dB	0.00
	CNEL		64.12								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	344.34	0.23	0.65	63.91	0.01	0.03	47.56	0.24	0.67
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.53	-13.17	-8.73	11.22	-26.97	-22.54	9.93	-12.99	-8.56
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	62.81	39.38	48.34	55.49	25.58	34.54	54.21	39.56	48.51

ADT	12925.00					
SPEED	45.00					
DISTANCE	50.00					
% A	92					
% MT	3					
% HT	5					
LEFT	-90.00					
RIGHT	90.00					
CNEL	63.84					
DAY LEQ	62.98					
Day hour	89.00					
Absorbtive?	no					
Use hour?	no					
GRADE dB	0.00					

DAY LEQ	62.98	EVENING LEQ	55.53	NIGHT LEQ	55.36	
CNEL	63.84					

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13170.95
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	351.28	0.24	0.65	65.20	0.01	0.03	48.52	0.25	0.68	% A	92.10
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.98
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.92
ADJUSTMENTS											
Flow	18.62	-13.12	-8.72	11.30	-26.92	-22.52	10.02	-12.94	-8.54		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	63.92
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.06
LEQ	62.89	39.43	48.35	55.58	25.63	34.55	54.30	39.61	48.53	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.06		EVENING LEQ	55.62		NIGHT LEQ	55.43		Use hour?	no
										GRADE dB	0.00
	CNEL		63.92								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs Boulevard to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	264.82	0.18	0.50	49.15	0.01	0.02	36.58	0.19	0.52
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	17.39	-14.31	-9.87	10.08	-28.11	-23.68	8.79	-14.13	-9.70
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	61.67	38.24	47.20	54.35	24.44	33.40	53.07	38.42	47.37

DAY LEQ	61.84	EVENING LEQ	54.39	NIGHT LEQ	54.22	
CNEL	62.70					

ADT		9940.00
SPEED		45.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		62.70
DAY LEQ		61.84
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs Boulevard to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	10185.95
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	271.76	0.18	0.50	50.44	0.01	0.02	37.54	0.19	0.52	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	17.50	-14.25	-9.86	10.19	-28.05	-23.66	8.91	-14.07	-9.68		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	62.80
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	61.95
LEQ	61.78	38.31	47.21	54.46	24.50	33.41	53.18	38.48	47.39	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	61.95		EVENING LEQ	54.50		NIGHT LEQ	54.31		Use hour?	no
										GRADE dB	0.00
	CNEL		62.80								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	298.92	0.20	0.56	55.48	0.01	0.02	41.29	0.21	0.58
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	17.92	-13.79	-9.35	10.60	-27.59	-23.15	9.32	-13.61	-9.17
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	62.19	38.77	47.72	54.88	24.96	33.92	53.60	38.94	47.90

ADT	11220.00					
SPEED	45.00					
DISTANCE	50.00					
% A	92					
% MT	3					
% HT	5					
LEFT	-90.00					
RIGHT	90.00					
CNEL	63.23					
DAY LEQ	62.36					
Day hour	89.00					
Absorbtive?	no					
Use hour?	no					
GRADE dB	0.00					

DAY LEQ	62.36	EVENING LEQ	54.92	NIGHT LEQ	54.75	
CNEL	63.23					

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13211.60
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	355.10	0.22	0.58	65.91	0.01	0.02	49.05	0.23	0.60	% A	92.82
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.83
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.36
ADJUSTMENTS											
Flow	18.67	-13.34	-9.24	11.35	-27.14	-23.04	10.07	-13.16	-9.06		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	63.90
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.09
LEQ	62.94	39.22	47.84	55.63	25.41	34.03	54.34	39.39	48.01	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.09		EVENING LEQ	55.66		NIGHT LEQ	55.36		Use hour?	no
										GRADE dB	0.00
	CNEL		63.90								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	348.47	0.24	0.65	64.68	0.01	0.03	48.13	0.25	0.68	% A	92
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	3
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	5
ADJUSTMENTS											
Flow	19.10	-12.61	-8.17	11.78	-26.41	-21.97	10.50	-12.43	-7.99		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	62.57
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	61.60
LEQ	61.39	38.64	47.92	54.07	24.83	34.12	52.79	38.81	48.10	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	61.60		EVENING LEQ	54.12		NIGHT LEQ	54.19		Use hour?	no
										GRADE dB	0.00
	CNEL		62.57								

ADT 13080.00
SPEED 40.00
DISTANCE 50.00

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	392.30	0.25	0.67	72.82	0.01	0.03	54.19	0.26	0.69	% A	92.58
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.88
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.55
ADJUSTMENTS											
Flow	19.61	-12.30	-8.09	12.30	-26.10	-21.90	11.01	-12.12	-7.92		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	63.02
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	62.09
LEQ	61.90	38.94	47.99	54.59	25.14	34.19	53.30	39.12	48.17	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	62.09		EVENING LEQ	54.63		NIGHT LEQ	54.59		Use hour?	no
										GRADE dB	0.00
	CNEL		63.02								

ADT 14633.69
SPEED 40.00
DISTANCE 50.00

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	400.42	0.27	0.75	74.32	0.01	0.03	55.31	0.28	0.78
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.70	-12.00	-7.57	12.38	-25.81	-21.37	11.10	-11.83	-7.39
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	61.99	39.24	48.52	54.67	25.44	34.72	53.39	39.42	48.70

DAY LEQ	62.20	EVENING LEQ	54.72	NIGHT LEQ	54.79	
CNEL	63.17					

ADT		15030.00
SPEED		40.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		63.17
DAY LEQ		62.20
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	16583.69
										SPEED	40.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	444.26	0.29	0.76	82.46	0.01	0.03	61.36	0.30	0.79	% A	92.51
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.89
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.60
ADJUSTMENTS											
Flow	20.15	-11.74	-7.50	12.84	-25.54	-21.30	11.55	-11.56	-7.32		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	63.57
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	62.64
LEQ	62.44	39.51	48.59	55.13	25.70	34.79	53.84	39.68	48.77	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	62.64		EVENING LEQ	55.17		NIGHT LEQ	55.14		Use hour?	no
										GRADE dB	0.00
	CNEL		63.57								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Dan Kipper Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	1.19	0.00	0.00	0.22	0.00	0.00	0.17	0.00	0.00
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02
ADJUSTMENTS									
Flow	-6.52	-42.89	-50.94	-13.86	-56.41	-60.36	-15.10	-42.89	-50.94
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	39.53	10.84	7.01	32.19	-2.68	-2.41	30.95	10.84	7.01

DAY LEQ	39.54	EVENING LEQ	32.20	NIGHT LEQ	31.01		
CNEL	39.95						

ADT		40.00
SPEED		50.00
DISTANCE		50.00
% A		97.4
% MT		1.84
% HT		0.74
LEFT		-90.00
RIGHT		90.00
CNEL		39.95
DAY LEQ		39.54
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Dan Kipper Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	211.97
										SPEED	50.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	6.33	0.00	0.00	1.17	0.00	0.00	0.88	0.00	0.00	% A	97.42
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	0.72	-35.64	-43.70	-6.61	-49.17	-53.12	-7.85	-35.64	-43.70		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	47.19
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	46.78
LEQ	46.77	18.08	14.25	39.44	4.56	4.83	38.20	18.08	14.25	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	46.78		EVENING LEQ	39.44		NIGHT LEQ	38.26		Use hour?	no
										GRADE dB	0.00
	CNEL		47.19								

FHWA Sound32 Spreadsheet

Existing Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME			ADT	2530.00
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	50.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	75.57	0.02	0.00	13.96	0.00	0.00	10.49	0.02	0.00	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	11.49	-24.88	-32.93	4.15	-38.40	-42.35	2.91	-24.88	-32.93		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	57.96
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	57.55
LEQ	57.54	28.85	25.02	50.20	15.33	15.60	48.96	28.85	25.02	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	57.55		EVENING LEQ	50.21		NIGHT LEQ	49.02		Use hour?	no
										GRADE dB	0.00
	CNEL		57.96								

FHWA Sound32 Spreadsheet

Existing Plus Project Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	4767.55
										SPEED	50.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	142.42	0.03	0.01	26.32	0.00	0.00	19.78	0.03	0.01	% A	97.41
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	14.24	-22.12	-30.18	6.91	-35.65	-39.60	5.67	-22.12	-30.18		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.71
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	60.30
LEQ	60.29	31.60	27.77	52.96	18.08	18.35	51.72	31.60	27.77	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	60.30		EVENING LEQ	52.96		NIGHT LEQ	51.78		Use hour?	no
										GRADE dB	0.00
	CNEL		60.71								

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	379.04	0.09	0.01	70.04	0.00	0.00	52.63	0.09	0.01
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05
ADJUSTMENTS									
Flow	20.04	-16.32	-24.38	12.71	-29.85	-33.80	11.47	-16.32	-24.38
Distance	-0.56	-0.56	-0.56	-0.56	-0.56	-0.56	-0.56	-0.56	-0.56
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	59.59	32.94	30.10	52.25	19.42	20.68	51.01	32.94	30.10

DAY LEQ	59.60	EVENING LEQ	52.26	NIGHT LEQ	51.12	
CNEL	60.03					

ADT		12690.00
SPEED		35.00
DISTANCE		56.00
% A		97.4
% MT		1.84
% HT		0.74
LEFT		-90.00
RIGHT		90.00
CNEL		60.03
DAY LEQ		59.60
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12690.00
										SPEED	35.00
										DISTANCE	18.00
INPUT PARAMETERS											
Vehicles per hour	379.04	0.09	0.01	70.04	0.00	0.00	52.63	0.09	0.01	% A	97.4
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.04	-16.32	-24.38	12.71	-29.85	-33.80	11.47	-16.32	-24.38		
Distance	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.96
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.53
LEQ	64.52	37.87	35.03	57.18	24.35	25.61	55.94	37.87	35.03	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.53		EVENING LEQ	57.19		NIGHT LEQ	56.04		Use hour?	no
										GRADE dB	0.00
	CNEL		64.96								

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12690.00
										SPEED	35.00
										DISTANCE	6.00
INPUT PARAMETERS											
Vehicles per hour	379.04	0.09	0.01	70.04	0.00	0.00	52.63	0.09	0.01	% A	97.4
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.04	-16.32	-24.38	12.71	-29.85	-33.80	11.47	-16.32	-24.38		
Distance	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	69.73
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.30
LEQ	69.29	42.64	39.80	61.95	29.12	30.38	60.71	42.64	39.80	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.30		EVENING LEQ	61.96		NIGHT LEQ	60.82		Use hour?	no
										GRADE dB	0.00
	CNEL		69.73								

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	403.75	0.27	0.76	74.94	0.01	0.03	55.77	0.28	0.79
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.22	-12.48	-8.04	11.91	-26.28	-21.84	10.63	-12.30	-7.87
Distance	-4.60	-4.60	-4.60	-4.60	-4.60	-4.60	-4.60	-4.60	-4.60
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	58.96	35.54	44.50	51.65	21.74	30.69	50.37	35.72	44.67

DAY LEQ	59.14	EVENING LEQ	51.69	NIGHT LEQ	51.52	
CNEL	60.00					

ADT	15155.00
SPEED	45.00
DISTANCE	142.00
% A	92
% MT	3
% HT	5
LEFT	-90.00
RIGHT	90.00
CNEL	60.00
DAY LEQ	59.14
Day hour	89.00
Absorbtive?	no
Use hour?	no
GRADE dB	0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	403.75	0.27	0.76	74.94	0.01	0.03	55.77	0.28	0.79
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.22	-12.48	-8.04	11.91	-26.28	-21.84	10.63	-12.30	-7.87
Distance	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.96	40.53	49.49	56.64	26.73	35.68	55.36	40.71	49.66

DAY LEQ	64.13	EVENING LEQ	56.68	NIGHT LEQ	56.51	
CNEL	64.99					

ADT		15155.00
SPEED		45.00
DISTANCE		45.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		64.99
DAY LEQ		64.13
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	403.75	0.27	0.76	74.94	0.01	0.03	55.77	0.28	0.79
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.22	-12.48	-8.04	11.91	-26.28	-21.84	10.63	-12.30	-7.87
Distance	5.46	5.46	5.46	5.46	5.46	5.46	5.46	5.46	5.46
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	69.03	45.60	54.56	61.71	31.80	40.76	60.43	45.78	54.73

DAY LEQ	69.20	EVENING LEQ	61.75	NIGHT LEQ	61.58	
CNEL	70.06					

ADT	15155.00
SPEED	45.00
DISTANCE	14.00
% A	92
% MT	3
% HT	5
LEFT	-90.00
RIGHT	90.00
CNEL	70.06
DAY LEQ	69.20
Day hour	89.00
Absorbtive?	no
Use hour?	no
GRADE dB	0.00

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	356.73	0.24	0.67	66.21	0.01	0.03	49.28	0.25	0.70
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.69	-13.02	-8.58	11.37	-26.82	-22.38	10.09	-12.84	-8.40
Distance	-4.05	-4.05	-4.05	-4.05	-4.05	-4.05	-4.05	-4.05	-4.05
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	58.98	35.56	44.51	51.67	21.75	30.71	50.38	35.73	44.69

	DAY LEQ	59.15		EVENING LEQ	51.71		NIGHT LEQ	51.54	
	CNEL		60.02						

ADT	13390.00
SPEED	45.00
DISTANCE	125.00
% A	92
% MT	3
% HT	5
LEFT	-90.00
RIGHT	90.00
CNEL	60.02
DAY LEQ	59.15
Day hour	89.00
Absorbtive?	no
Use hour?	no
GRADE dB	0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	356.73	0.24	0.67	66.21	0.01	0.03	49.28	0.25	0.70	% A	92
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	3
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	5
ADJUSTMENTS											
Flow	18.69	-13.02	-8.58	11.37	-26.82	-22.38	10.09	-12.84	-8.40		
Distance	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.97
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.10
LEQ	63.93	40.50	49.46	56.62	26.70	35.66	55.33	40.68	49.64	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.10		EVENING LEQ	56.65		NIGHT LEQ	56.48		Use hour?	no
										GRADE dB	0.00
	CNEL		64.97								

ADT	13390.00
SPEED	45.00
DISTANCE	40.00

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	356.73	0.24	0.67	66.21	0.01	0.03	49.28	0.25	0.70
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.69	-13.02	-8.58	11.37	-26.82	-22.38	10.09	-12.84	-8.40
Distance	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	68.81	45.39	54.34	61.50	31.58	40.54	60.21	45.56	54.52

DAY LEQ	68.98	EVENING LEQ	61.54	NIGHT LEQ	61.37	
CNEL	69.85					

ADT		13390.00
SPEED		45.00
DISTANCE		13.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		69.85
DAY LEQ		68.98
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	344.34	0.23	0.65	63.91	0.01	0.03	47.56	0.24	0.67
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.53	-13.17	-8.73	11.22	-26.97	-22.54	9.93	-12.99	-8.56
Distance	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	58.97	35.54	44.50	51.65	21.74	30.70	50.37	35.72	44.68

DAY LEQ	59.14	EVENING LEQ	51.69	NIGHT LEQ	51.52	
CNEL	60.00					

ADT		12925.00
SPEED		45.00
DISTANCE		121.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		60.00
DAY LEQ		59.14
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	344.34	0.23	0.65	63.91	0.01	0.03	47.56	0.24	0.67
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.53	-13.17	-8.73	11.22	-26.97	-22.54	9.93	-12.99	-8.56
Distance	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	64.00	40.57	49.53	56.68	26.77	35.73	55.40	40.75	49.71

DAY LEQ	64.17	EVENING LEQ	56.72	NIGHT LEQ	56.55	
CNEL	65.03					

ADT		12925.00
SPEED		45.00
DISTANCE		38.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		65.03
DAY LEQ		64.17
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	344.34	0.23	0.65	63.91	0.01	0.03	47.56	0.24	0.67
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.53	-13.17	-8.73	11.22	-26.97	-22.54	9.93	-12.99	-8.56
Distance	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	69.00	45.58	54.54	61.69	31.78	40.73	60.41	45.76	54.71

DAY LEQ	69.18	EVENING LEQ	61.73	NIGHT LEQ	61.56	
CNEL	70.04					

ADT		12925.00
SPEED		45.00
DISTANCE		12.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		70.04
DAY LEQ		69.18
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	264.82	0.18	0.50	49.15	0.01	0.02	36.58	0.19	0.52
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	17.39	-14.31	-9.87	10.08	-28.11	-23.68	8.79	-14.13	-9.70
Distance	-2.77	-2.77	-2.77	-2.77	-2.77	-2.77	-2.77	-2.77	-2.77
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	58.97	35.55	44.50	51.66	21.74	30.70	50.37	35.72	44.68

DAY LEQ	59.14	EVENING LEQ	51.70	NIGHT LEQ	51.53	
CNEL	60.01					

ADT		9940.00
SPEED		45.00
DISTANCE		93.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		60.01
DAY LEQ		59.14
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	9940.00
										SPEED	45.00
										DISTANCE	29.00
INPUT PARAMETERS											
Vehicles per hour	264.82	0.18	0.50	49.15	0.01	0.02	36.58	0.19	0.52	% A	92
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	3
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	5
ADJUSTMENTS											
Flow	17.39	-14.31	-9.87	10.08	-28.11	-23.68	8.79	-14.13	-9.70		
Distance	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	65.07
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.20
LEQ	64.03	40.61	49.56	56.72	26.80	35.76	55.43	40.78	49.74	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.20		EVENING LEQ	56.76		NIGHT LEQ	56.59		Use hour?	no
										GRADE dB	0.00
	CNEL		65.07								

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	264.82	0.18	0.50	49.15	0.01	0.02	36.58	0.19	0.52
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	17.39	-14.31	-9.87	10.08	-28.11	-23.68	8.79	-14.13	-9.70
Distance	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	69.11	45.69	54.64	61.80	31.89	40.84	60.52	45.87	54.82

	DAY LEQ	69.28		EVENING LEQ	61.84		NIGHT LEQ	61.67	
	CNEL		70.15						

ADT		9940.00
SPEED		45.00
DISTANCE		9.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		70.15
DAY LEQ		69.28
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	298.92	0.20	0.56	55.48	0.01	0.02	41.29	0.21	0.58
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	17.92	-13.79	-9.35	10.60	-27.59	-23.15	9.32	-13.61	-9.17
Distance	-3.29	-3.29	-3.29	-3.29	-3.29	-3.29	-3.29	-3.29	-3.29
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	58.97	35.54	44.50	51.66	21.74	30.70	50.37	35.72	44.68

DAY LEQ	59.14	EVENING LEQ	51.70	NIGHT LEQ	51.52	
CNEL	60.01					

ADT		11220.00
SPEED		45.00
DISTANCE		105.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		60.01
DAY LEQ		59.14
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	298.92	0.20	0.56	55.48	0.01	0.02	41.29	0.21	0.58
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	17.92	-13.79	-9.35	10.60	-27.59	-23.15	9.32	-13.61	-9.17
Distance	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	64.00	40.57	49.53	56.68	26.77	35.73	55.40	40.75	49.71

DAY LEQ	64.17	EVENING LEQ	56.72	NIGHT LEQ	56.55	
CNEL	65.03					

ADT		11220.00
SPEED		45.00
DISTANCE		33.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		65.03
DAY LEQ		64.17
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	298.92	0.20	0.56	55.48	0.01	0.02	41.29	0.21	0.58
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	17.92	-13.79	-9.35	10.60	-27.59	-23.15	9.32	-13.61	-9.17
Distance	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	68.77	45.34	54.30	61.45	31.54	40.50	60.17	45.52	54.48

DAY LEQ	68.94	EVENING LEQ	61.49	NIGHT LEQ	61.32	
CNEL	69.80					

ADT		11220.00
SPEED		45.00
DISTANCE		11.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		69.80
DAY LEQ		68.94
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	348.47	0.24	0.65	64.68	0.01	0.03	48.13	0.25	0.68
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.10	-12.61	-8.17	11.78	-26.41	-21.97	10.50	-12.43	-7.99
Distance	-2.62	-2.62	-2.62	-2.62	-2.62	-2.62	-2.62	-2.62	-2.62
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	58.83	36.08	45.37	51.52	22.28	31.56	50.24	36.26	45.54

DAY LEQ	59.05	EVENING LEQ	51.57	NIGHT LEQ	51.63	
CNEL	60.02					

ADT		13080.00
SPEED		40.00
DISTANCE		90.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		60.02
DAY LEQ		59.05
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	348.47	0.24	0.65	64.68	0.01	0.03	48.13	0.25	0.68
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.10	-12.61	-8.17	11.78	-26.41	-21.97	10.50	-12.43	-7.99
Distance	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.75	41.00	50.28	56.44	27.20	36.48	55.15	41.18	50.46

ADT	13080.00					
SPEED	40.00					
DISTANCE	29.00					
% A	92					
% MT	3					
% HT	5					
LEFT	-90.00					
RIGHT	90.00					
CNEL	64.94					
DAY LEQ	63.96					
Day hour	89.00					
Absorbtive?	no					
Use hour?	no					
GRADE dB	0.00					

DAY LEQ	63.96	EVENING LEQ	56.49	NIGHT LEQ	56.55	
CNEL	64.94					

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	348.47	0.24	0.65	64.68	0.01	0.03	48.13	0.25	0.68
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.10	-12.61	-8.17	11.78	-26.41	-21.97	10.50	-12.43	-7.99
Distance	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	68.83	46.08	55.37	61.52	32.28	41.56	60.24	46.26	55.54

ADT	13080.00					
SPEED	40.00					
DISTANCE	9.00					
% A	92					
% MT	3					
% HT	5					
LEFT	-90.00					
RIGHT	90.00					
CNEL	70.02					
DAY LEQ	69.05					
Day hour	89.00					
Absorbtive?	no					
Use hour?	no					
GRADE dB	0.00					

DAY LEQ	69.05	EVENING LEQ	61.57	NIGHT LEQ	61.63	
CNEL	70.02					

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	400.42	0.27	0.75	74.32	0.01	0.03	55.31	0.28	0.78
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.70	-12.00	-7.57	12.38	-25.81	-21.37	11.10	-11.83	-7.39
Distance	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	58.81	36.06	45.34	51.49	22.26	31.54	50.21	36.24	45.52

DAY LEQ	59.02	EVENING LEQ	51.54	NIGHT LEQ	51.61	
CNEL	59.99					

ADT		15030.00
SPEED		40.00
DISTANCE		104.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		59.99
DAY LEQ		59.02
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	400.42	0.27	0.75	74.32	0.01	0.03	55.31	0.28	0.78
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.70	-12.00	-7.57	12.38	-25.81	-21.37	11.10	-11.83	-7.39
Distance	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.79	41.04	50.33	56.48	27.24	36.52	55.20	41.22	50.50

DAY LEQ	64.01	EVENING LEQ	56.53	NIGHT LEQ	56.59	
CNEL	64.98					

ADT	15030.00
SPEED	40.00
DISTANCE	33.00
% A	92
% MT	3
% HT	5
LEFT	-90.00
RIGHT	90.00
CNEL	64.98
DAY LEQ	64.01
Day hour	89.00
Absorbtive?	no
Use hour?	no
GRADE dB	0.00

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	400.42	0.27	0.75	74.32	0.01	0.03	55.31	0.28	0.78
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.70	-12.00	-7.57	12.38	-25.81	-21.37	11.10	-11.83	-7.39
Distance	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	68.98	46.23	55.51	61.66	32.43	41.71	60.38	46.41	55.69

DAY LEQ	69.19	EVENING LEQ	61.71	NIGHT LEQ	61.78	
CNEL	70.16					

ADT	15030.00
SPEED	40.00
DISTANCE	10.00
% A	92
% MT	3
% HT	5
LEFT	-90.00
RIGHT	90.00
CNEL	70.16
DAY LEQ	69.19
Day hour	89.00
Absorbtive?	no
Use hour?	no
GRADE dB	0.00

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Dan Kipper Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	1.19	0.00	0.00	0.22	0.00	0.00	0.17	0.00	0.00
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02
ADJUSTMENTS									
Flow	-6.52	-42.89	-50.94	-13.86	-56.41	-60.36	-15.10	-42.89	-50.94
Distance	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	56.52	27.83	24.00	49.18	14.31	14.58	47.94	27.83	24.00

DAY LEQ	56.53	EVENING LEQ	49.19	NIGHT LEQ	48.00	
CNEL	56.94					

ADT		40.00
SPEED		50.00
DISTANCE		1.00
% A		97.4
% MT		1.84
% HT		0.74
LEFT		-90.00
RIGHT		90.00
CNEL		56.94
DAY LEQ		56.53
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME			ADT	2530.00
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	50.00
										DISTANCE	31.00
INPUT PARAMETERS											
Vehicles per hour	75.57	0.02	0.00	13.96	0.00	0.00	10.49	0.02	0.00	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	11.49	-24.88	-32.93	4.15	-38.40	-42.35	2.91	-24.88	-32.93		
Distance	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.04
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.62
LEQ	59.61	30.92	27.09	52.28	17.40	17.67	51.04	30.92	27.09	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.62		EVENING LEQ	52.28		NIGHT LEQ	51.10		Use hour?	no
										GRADE dB	0.00
	CNEL		60.04								

FHWA Sound32 Spreadsheet

Existing 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	2530.00
										SPEED	50.00
										DISTANCE	10.00
INPUT PARAMETERS											
Vehicles per hour	75.57	0.02	0.00	13.96	0.00	0.00	10.49	0.02	0.00	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	11.49	-24.88	-32.93	4.15	-38.40	-42.35	2.91	-24.88	-32.93		
Distance	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.95
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.54
LEQ	64.53	35.84	32.01	57.19	22.32	22.59	55.95	35.84	32.01	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.54		EVENING LEQ	57.20		NIGHT LEQ	56.01		Use hour?	no
										GRADE dB	0.00
	CNEL		64.95								

FHWA Sound32 Spreadsheet

Existing 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	2530.00
										SPEED	50.00
										DISTANCE	3.00
INPUT PARAMETERS											
Vehicles per hour	75.57	0.02	0.00	13.96	0.00	0.00	10.49	0.02	0.00	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	11.49	-24.88	-32.93	4.15	-38.40	-42.35	2.91	-24.88	-32.93		
Distance	12.15	12.15	12.15	12.15	12.15	12.15	12.15	12.15	12.15	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	70.18
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.76
LEQ	69.76	41.07	37.24	62.42	27.54	27.82	61.18	41.07	37.24	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.76		EVENING LEQ	62.43		NIGHT LEQ	61.24		Use hour?	no
										GRADE dB	0.00
	CNEL		70.18								

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12823.97
										SPEED	35.00
										DISTANCE	57.00
INPUT PARAMETERS											
Vehicles per hour	383.04	0.09	0.01	70.78	0.00	0.00	53.19	0.09	0.01	% A	97.40
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.09	-16.28	-24.34	12.75	-29.80	-33.76	11.51	-16.28	-24.34		
Distance	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.57
LEQ	59.56	32.91	30.07	52.22	19.39	20.65	50.98	32.91	30.07	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.57		EVENING LEQ	52.23		NIGHT LEQ	51.08		Use hour?	no
										GRADE dB	0.00
	CNEL		60.00								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12823.97
										SPEED	35.00
										DISTANCE	18.00
INPUT PARAMETERS											
Vehicles per hour	383.04	0.09	0.01	70.78	0.00	0.00	53.19	0.09	0.01	% A	97.40
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.09	-16.28	-24.34	12.75	-29.80	-33.76	11.51	-16.28	-24.34		
Distance	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	65.01
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.58
LEQ	64.56	37.92	35.08	57.23	24.40	25.66	55.99	37.92	35.08	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.58		EVENING LEQ	57.23		NIGHT LEQ	56.09		Use hour?	no
										GRADE dB	0.00
	CNEL		65.01								

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12823.97
										SPEED	35.00
										DISTANCE	6.00
INPUT PARAMETERS											
Vehicles per hour	383.04	0.09	0.01	70.78	0.00	0.00	53.19	0.09	0.01	% A	97.40
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.09	-16.28	-24.34	12.75	-29.80	-33.76	11.51	-16.28	-24.34		
Distance	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	69.78
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.35
LEQ	69.33	42.69	39.85	62.00	29.17	30.43	60.76	42.69	39.85	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.35		EVENING LEQ	62.01		NIGHT LEQ	60.86		Use hour?	no
										GRADE dB	0.00
	CNEL		69.78								

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	15512.93
										SPEED	45.00
										DISTANCE	145.00
INPUT PARAMETERS											
Vehicles per hour	413.85	0.28	0.76	76.82	0.01	0.03	57.17	0.29	0.79	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	19.33	-12.42	-8.03	12.02	-26.22	-21.83	10.73	-12.24	-7.85		
Distance	-4.69	-4.69	-4.69	-4.69	-4.69	-4.69	-4.69	-4.69	-4.69	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.01
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.15
LEQ	58.98	35.51	44.42	51.67	21.71	30.62	50.38	35.69	44.60	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.15		EVENING LEQ	51.71		NIGHT LEQ	51.52		Use hour?	no
										GRADE dB	0.00
	CNEL		60.01								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	15512.93
										SPEED	45.00
										DISTANCE	46.00
INPUT PARAMETERS											
Vehicles per hour	413.85	0.28	0.76	76.82	0.01	0.03	57.17	0.29	0.79	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	19.33	-12.42	-8.03	12.02	-26.22	-21.83	10.73	-12.24	-7.85		
Distance	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.99
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.14
LEQ	63.97	40.50	49.41	56.65	26.69	35.60	55.37	40.67	49.58	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.14		EVENING LEQ	56.69		NIGHT LEQ	56.50		Use hour?	no
										GRADE dB	0.00
	CNEL		64.99								

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	15512.93
										SPEED	45.00
										DISTANCE	15.00
INPUT PARAMETERS											
Vehicles per hour	413.85	0.28	0.76	76.82	0.01	0.03	57.17	0.29	0.79	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	19.33	-12.42	-8.03	12.02	-26.22	-21.83	10.73	-12.24	-7.85		
Distance	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	69.86
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.00
LEQ	68.83	45.36	54.27	61.52	31.56	40.47	60.24	45.54	54.45	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.00		EVENING LEQ	61.56		NIGHT LEQ	61.37		Use hour?	no
										GRADE dB	0.00
	CNEL		69.86								

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13807.92
										SPEED	45.00
										DISTANCE	129.00
INPUT PARAMETERS											
Vehicles per hour	368.52	0.25	0.67	68.40	0.01	0.03	50.90	0.26	0.70	% A	92.16
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.96
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.87
ADJUSTMENTS											
Flow	18.83	-12.94	-8.56	11.51	-26.74	-22.36	10.23	-12.76	-8.38		
Distance	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.01
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.15
LEQ	58.99	35.50	44.39	51.67	21.70	30.59	50.39	35.68	44.57	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.15		EVENING LEQ	51.71		NIGHT LEQ	51.51		Use hour?	no
										GRADE dB	0.00
	CNEL		60.01								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	368.52	0.25	0.67	68.40	0.01	0.03	50.90	0.26	0.70	% A	92.16
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.96
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.87
ADJUSTMENTS											
Flow	18.83	-12.94	-8.56	11.51	-26.74	-22.36	10.23	-12.76	-8.38		
Distance	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.98
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.13
LEQ	63.96	40.48	49.37	56.65	26.68	35.57	55.37	40.66	49.55	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.13		EVENING LEQ	56.69		NIGHT LEQ	56.49		Use hour?	no
										GRADE dB	0.00
	CNEL		64.98								

ADT	13807.92
SPEED	45.00
DISTANCE	41.00

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	368.52	0.25	0.67	68.40	0.01	0.03	50.90	0.26	0.70
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.83	-12.94	-8.56	11.51	-26.74	-22.36	10.23	-12.76	-8.38
Distance	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	68.95	45.47	54.36	61.64	31.67	40.56	60.35	45.64	54.54

DAY LEQ	69.12	EVENING LEQ	61.68	NIGHT LEQ	61.48	
CNEL	69.97					

ADT		13807.92
SPEED		45.00
DISTANCE		13.00
% A		92.16
% MT		2.96
% HT		4.87
LEFT		-90.00
RIGHT		90.00
CNEL		69.97
DAY LEQ		69.12
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNELContour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13170.95
										SPEED	45.00
										DISTANCE	123.00
INPUT PARAMETERS											
Vehicles per hour	351.28	0.24	0.65	65.20	0.01	0.03	48.52	0.25	0.68	% A	92.10
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.98
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.92
ADJUSTMENTS											
Flow	18.62	-13.12	-8.72	11.30	-26.92	-22.52	10.02	-12.94	-8.54		
Distance	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.01
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.15
LEQ	58.98	35.52	44.44	51.67	21.72	30.64	50.39	35.70	44.62	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.15		EVENING LEQ	51.71		NIGHT LEQ	51.52		Use hour?	no
										GRADE dB	0.00
	CNEL		60.01								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	351.28	0.24	0.65	65.20	0.01	0.03	48.52	0.25	0.68	% A	92.10
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.98
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.92
ADJUSTMENTS											
Flow	18.62	-13.12	-8.72	11.30	-26.92	-22.52	10.02	-12.94	-8.54		
Distance	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	65.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.14
LEQ	63.97	40.51	49.43	56.66	26.71	35.63	55.38	40.69	49.61	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.14		EVENING LEQ	56.70		NIGHT LEQ	56.51		Use hour?	no
										GRADE dB	0.00
	CNEL		65.00								

ADT 13170.95
SPEED 45.00
DISTANCE 39.00

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME			ADT	13170.95
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	45.00
										DISTANCE	12.00
INPUT PARAMETERS											
Vehicles per hour	351.28	0.24	0.65	65.20	0.01	0.03	48.52	0.25	0.68	% A	92.10
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.98
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.92
ADJUSTMENTS											
Flow	18.62	-13.12	-8.72	11.30	-26.92	-22.52	10.02	-12.94	-8.54		
Distance	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	70.12
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.26
LEQ	69.09	45.63	54.55	61.78	31.83	40.75	60.49	45.81	54.73	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.26		EVENING LEQ	61.82		NIGHT LEQ	61.63		Use hour?	no
										GRADE dB	0.00
	CNEL		70.12								

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	10185.95
										SPEED	45.00
										DISTANCE	95.00
INPUT PARAMETERS											
Vehicles per hour	271.76	0.18	0.50	50.44	0.01	0.02	37.54	0.19	0.52	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	17.50	-14.25	-9.86	10.19	-28.05	-23.66	8.91	-14.07	-9.68		
Distance	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.01
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.16
LEQ	58.99	35.52	44.43	51.68	21.72	30.62	50.39	35.70	44.60	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.16		EVENING LEQ	51.72		NIGHT LEQ	51.52		Use hour?	no
										GRADE dB	0.00
	CNEL		60.01								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	10185.95
										SPEED	45.00
										DISTANCE	30.00
INPUT PARAMETERS											
Vehicles per hour	271.76	0.18	0.50	50.44	0.01	0.02	37.54	0.19	0.52	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	17.50	-14.25	-9.86	10.19	-28.05	-23.66	8.91	-14.07	-9.68		
Distance	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	65.02
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.16
LEQ	64.00	40.52	49.43	56.68	26.72	35.63	55.40	40.70	49.61	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.16		EVENING LEQ	56.72		NIGHT LEQ	56.53		Use hour?	no
										GRADE dB	0.00
	CNEL		65.02								

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME			ADT	10185.95
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	45.00
										DISTANCE	10.00
INPUT PARAMETERS											
Vehicles per hour	271.76	0.18	0.50	50.44	0.01	0.02	37.54	0.19	0.52	% A	92.13
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.97
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.90
ADJUSTMENTS											
Flow	17.50	-14.25	-9.86	10.19	-28.05	-23.66	8.91	-14.07	-9.68		
Distance	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	69.79
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	68.94
LEQ	68.77	45.30	54.20	61.45	31.49	40.40	60.17	45.47	54.38	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	68.94		EVENING LEQ	61.49		NIGHT LEQ	61.30		Use hour?	no
										GRADE dB	0.00
	CNEL		69.79								

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13211.60
										SPEED	45.00
										DISTANCE	123.00
INPUT PARAMETERS											
Vehicles per hour	355.10	0.22	0.58	65.91	0.01	0.02	49.05	0.23	0.60	% A	92.82
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.83
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.36
ADJUSTMENTS											
Flow	18.67	-13.34	-9.24	11.35	-27.14	-23.04	10.07	-13.16	-9.06		
Distance	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	-3.98	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	59.99
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.18
LEQ	59.03	35.31	43.93	51.72	21.50	30.12	50.43	35.48	44.10	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.18		EVENING LEQ	51.75		NIGHT LEQ	51.45		Use hour?	no
										GRADE dB	0.00
	CNEL		59.99								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	355.10	0.22	0.58	65.91	0.01	0.02	49.05	0.23	0.60	% A	92.82
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.83
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.36
ADJUSTMENTS											
Flow	18.67	-13.34	-9.24	11.35	-27.14	-23.04	10.07	-13.16	-9.06		
Distance	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.98
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.17
LEQ	64.02	40.29	48.91	56.71	26.49	35.11	55.42	40.47	49.09	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.17		EVENING LEQ	56.74		NIGHT LEQ	56.44		Use hour?	no
										GRADE dB	0.00
	CNEL		64.98								

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME			ADT	13211.60
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	45.00
										DISTANCE	12.00
INPUT PARAMETERS											
Vehicles per hour	355.10	0.22	0.58	65.91	0.01	0.02	49.05	0.23	0.60	% A	92.82
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.83
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	4.36
ADJUSTMENTS											
Flow	18.67	-13.34	-9.24	11.35	-27.14	-23.04	10.07	-13.16	-9.06		
Distance	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	70.10
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.29
LEQ	69.14	45.41	54.03	61.82	31.61	40.23	60.54	45.59	54.21	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.29		EVENING LEQ	61.86		NIGHT LEQ	61.56		Use hour?	no
										GRADE dB	0.00
	CNEL		70.10								

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	392.30	0.25	0.67	72.82	0.01	0.03	54.19	0.26	0.69	% A	92.58
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.88
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.55
ADJUSTMENTS											
Flow	19.61	-12.30	-8.09	12.30	-26.10	-21.90	11.01	-12.12	-7.92		
Distance	-3.08	-3.08	-3.08	-3.08	-3.08	-3.08	-3.08	-3.08	-3.08	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.01
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.08
LEQ	58.89	35.93	44.98	51.58	22.13	31.18	50.29	36.11	45.16	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.08		EVENING LEQ	51.62		NIGHT LEQ	51.58		Use hour?	no
										GRADE dB	0.00
	CNEL		60.01								

ADT	14633.69
SPEED	40.00
DISTANCE	100.00

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	14633.69
										SPEED	40.00
										DISTANCE	32.00
INPUT PARAMETERS											
Vehicles per hour	392.30	0.25	0.67	72.82	0.01	0.03	54.19	0.26	0.69	% A	92.58
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.88
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.55
ADJUSTMENTS											
Flow	19.61	-12.30	-8.09	12.30	-26.10	-21.90	11.01	-12.12	-7.92		
Distance	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.96
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.03
LEQ	63.84	40.88	49.93	56.52	27.08	36.13	55.24	41.06	50.11	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.03		EVENING LEQ	56.57		NIGHT LEQ	56.53		Use hour?	no
										GRADE dB	0.00
	CNEL		64.96								

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	392.30	0.25	0.67	72.82	0.01	0.03	54.19	0.26	0.69	% A	92.58
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.88
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.55
ADJUSTMENTS											
Flow	19.61	-12.30	-8.09	12.30	-26.10	-21.90	11.01	-12.12	-7.92		
Distance	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	70.01
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.08
LEQ	68.89	45.93	54.98	61.58	32.13	41.18	60.29	46.11	55.16	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.08		EVENING LEQ	61.62		NIGHT LEQ	61.58		Use hour?	no
										GRADE dB	0.00
	CNEL		70.01								

ADT 14633.69
SPEED 40.00
DISTANCE 10.00

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	16583.69
										SPEED	40.00
										DISTANCE	114.00
INPUT PARAMETERS											
Vehicles per hour	444.26	0.29	0.76	82.46	0.01	0.03	61.36	0.30	0.79	% A	92.51
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.89
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.60
ADJUSTMENTS											
Flow	20.15	-11.74	-7.50	12.84	-25.54	-21.30	11.55	-11.56	-7.32		
Distance	-3.65	-3.65	-3.65	-3.65	-3.65	-3.65	-3.65	-3.65	-3.65	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	59.99
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.06
LEQ	58.86	35.93	45.01	51.55	22.12	31.21	50.26	36.10	45.19	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.06		EVENING LEQ	51.59		NIGHT LEQ	51.56		Use hour?	no
										GRADE dB	0.00
	CNEL		59.99								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	16583.69
										SPEED	40.00
										DISTANCE	36.00
INPUT PARAMETERS											
Vehicles per hour	444.26	0.29	0.76	82.46	0.01	0.03	61.36	0.30	0.79	% A	92.51
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.89
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.60
ADJUSTMENTS											
Flow	20.15	-11.74	-7.50	12.84	-25.54	-21.30	11.55	-11.56	-7.32		
Distance	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.99
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.06
LEQ	63.87	40.93	50.01	56.55	27.13	36.21	55.27	41.11	50.19	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.06		EVENING LEQ	56.60		NIGHT LEQ	56.57		Use hour?	no
										GRADE dB	0.00
	CNEL		64.99								

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS		
INPUT PARAMETERS											
Vehicles per hour	444.26	0.29	0.76	82.46	0.01	0.03	61.36	0.30	0.79	% A	92.51
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	2.89
NOISE CALCULATIONS											
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16	% HT	4.60
ADJUSTMENTS											
Flow	20.15	-11.74	-7.50	12.84	-25.54	-21.30	11.55	-11.56	-7.32		
Distance	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	70.14
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.21
LEQ	69.02	46.08	55.16	61.70	32.28	41.36	60.42	46.26	55.34	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.21		EVENING LEQ	61.75		NIGHT LEQ	61.72		Use hour?	no
										GRADE dB	0.00
	CNEL		70.14								

ADT 16583.69
SPEED 40.00
DISTANCE 11.00

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Dan Kipper Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	211.97
										SPEED	50.00
										DISTANCE	2.00
INPUT PARAMETERS											
Vehicles per hour	6.33	0.00	0.00	1.17	0.00	0.00	0.88	0.00	0.00	% A	97.42
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	0.72	-35.64	-43.70	-6.61	-49.17	-53.12	-7.85	-35.64	-43.70		
Distance	13.91	13.91	13.91	13.91	13.91	13.91	13.91	13.91	13.91	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	61.17
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	60.76
LEQ	60.75	32.06	28.23	53.42	18.54	18.81	52.18	32.06	28.23	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	60.76		EVENING LEQ	53.42		NIGHT LEQ	52.23		Use hour?	no
										GRADE dB	0.00
	CNEL		61.17								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Dan Kipper Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	211.97
										SPEED	50.00
										DISTANCE	1.00
INPUT PARAMETERS											
Vehicles per hour	6.33	0.00	0.00	1.17	0.00	0.00	0.88	0.00	0.00	% A	97.42
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	0.72	-35.64	-43.70	-6.61	-49.17	-53.12	-7.85	-35.64	-43.70		
Distance	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.18
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.77
LEQ	63.76	35.07	31.24	56.43	21.55	21.82	55.19	35.07	31.24	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.77		EVENING LEQ	56.43		NIGHT LEQ	55.24		Use hour?	no
										GRADE dB	0.00
	CNEL		64.18								

FHWA Sound32 Spreadsheet

Existing Plus Project 60 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	4767.55
										SPEED	50.00
										DISTANCE	59.00
INPUT PARAMETERS											
Vehicles per hour	142.42	0.03	0.01	26.32	0.00	0.00	19.78	0.03	0.01	% A	97.41
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	14.24	-22.12	-30.18	6.91	-35.65	-39.60	5.67	-22.12	-30.18		
Distance	-0.79	-0.79	-0.79	-0.79	-0.79	-0.79	-0.79	-0.79	-0.79	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	59.99
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	59.58
LEQ	59.57	30.88	27.05	52.24	17.36	17.63	51.00	30.88	27.05	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	59.58		EVENING LEQ	52.24		NIGHT LEQ	51.06		Use hour?	no
										GRADE dB	0.00
	CNEL		59.99								

FHWA Sound32 Spreadsheet

Existing Plus Project 65 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	4767.55
										SPEED	50.00
										DISTANCE	19.00
INPUT PARAMETERS											
Vehicles per hour	142.42	0.03	0.01	26.32	0.00	0.00	19.78	0.03	0.01	% A	97.41
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	14.24	-22.12	-30.18	6.91	-35.65	-39.60	5.67	-22.12	-30.18		
Distance	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.91
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	64.50
LEQ	64.49	35.80	31.97	57.16	22.28	22.55	55.92	35.80	31.97	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	64.50		EVENING LEQ	57.16		NIGHT LEQ	55.98		Use hour?	no
										GRADE dB	0.00
	CNEL		64.91								

FHWA Sound32 Spreadsheet

Existing Plus Project 70 CNEL Contour

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	4767.55
										SPEED	50.00
										DISTANCE	6.00
INPUT PARAMETERS											
Vehicles per hour	142.42	0.03	0.01	26.32	0.00	0.00	19.78	0.03	0.01	% A	97.41
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	14.24	-22.12	-30.18	6.91	-35.65	-39.60	5.67	-22.12	-30.18		
Distance	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	69.92
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	69.51
LEQ	69.50	40.81	36.98	62.16	27.29	27.56	60.92	40.81	36.98	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	69.51		EVENING LEQ	62.17		NIGHT LEQ	60.98		Use hour?	no
										GRADE dB	0.00
	CNEL		69.92								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME			ADT	14998.00
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	35.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	447.98	0.10	0.02	82.78	0.00	0.00	62.21	0.10	0.02	% A	97.4
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.77	-15.60	-23.66	13.43	-29.12	-33.08	12.19	-15.60	-23.66		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	61.25
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	60.82
LEQ	60.81	34.16	31.32	53.47	20.64	21.90	52.23	34.16	31.32	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	60.82		EVENING LEQ	53.48		NIGHT LEQ	52.33		Use hour?	no
										GRADE dB	0.00
	CNEL		61.25								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	466.10	0.31	0.87	86.51	0.01	0.04	64.38	0.33	0.91
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.85	-11.86	-7.42	12.53	-25.66	-21.22	11.25	-11.68	-7.24
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	64.12	40.70	49.65	56.81	26.89	35.85	55.52	40.87	49.83

DAY LEQ	64.29	EVENING LEQ	56.85	NIGHT LEQ	56.68	
CNEL	65.16					

ADT		17495.00
SPEED		45.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		65.16
DAY LEQ		64.29
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	15803.00
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	421.02	0.28	0.79	78.15	0.01	0.03	58.16	0.30	0.82	% A	92
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	3
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	5
ADJUSTMENTS											
Flow	19.41	-12.30	-7.86	12.09	-26.10	-21.66	10.81	-12.12	-7.68		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.72
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.85
LEQ	63.68	40.25	49.21	56.37	26.45	35.41	55.08	40.43	49.39	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.85		EVENING LEQ	56.40		NIGHT LEQ	56.23		Use hour?	no
										GRADE dB	0.00
	CNEL		64.72								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	410.92	0.28	0.77	76.27	0.01	0.03	56.76	0.29	0.80
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.30	-12.40	-7.97	11.99	-26.21	-21.77	10.70	-12.23	-7.79
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.57	40.15	49.11	56.26	26.35	35.30	54.98	40.33	49.28

DAY LEQ	63.75	EVENING LEQ	56.30	NIGHT LEQ	56.13		
CNEL	64.61						

ADT		15424.00
SPEED		45.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		64.61
DAY LEQ		63.75
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	325.99	0.22	0.61	60.51	0.01	0.03	45.03	0.23	0.64
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	18.29	-13.41	-8.97	10.98	-27.21	-22.77	9.70	-13.23	-8.79
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	62.57	39.14	48.10	55.25	25.34	34.30	53.97	39.32	48.28

DAY LEQ	62.74	EVENING LEQ	55.29	NIGHT LEQ	55.12	
CNEL	63.60					

ADT		12236.00
SPEED		45.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		63.60
DAY LEQ		62.74
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	13566.00
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	361.42	0.24	0.68	67.08	0.01	0.03	49.92	0.25	0.71	% A	92
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	3
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	5
ADJUSTMENTS											
Flow	18.74	-12.96	-8.52	11.43	-26.76	-22.33	10.15	-12.78	-8.35		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	64.05
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	63.19
LEQ	63.02	39.59	48.55	55.70	25.79	34.75	54.42	39.77	48.73	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	63.19		EVENING LEQ	55.74		NIGHT LEQ	55.57		Use hour?	no
										GRADE dB	0.00
	CNEL		64.05								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	406.71	0.27	0.76	75.49	0.01	0.03	56.18	0.29	0.80
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	19.77	-11.94	-7.50	12.45	-25.74	-21.30	11.17	-11.76	-7.32
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	62.06	39.31	48.59	54.74	25.50	34.79	53.46	39.48	48.77

DAY LEQ	62.27	EVENING LEQ	54.79	NIGHT LEQ	54.86	
CNEL	63.24					

ADT		15266.00
SPEED		40.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		63.24
DAY LEQ		62.27
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	497.11	0.34	0.93	92.27	0.01	0.04	68.67	0.35	0.97
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	20.64	-11.06	-6.63	13.32	-24.87	-20.43	12.04	-10.89	-6.45
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	62.93	40.18	49.46	55.61	26.38	35.66	54.33	40.36	49.64

DAY LEQ	63.14	EVENING LEQ	55.66	NIGHT LEQ	55.73	
CNEL	64.11					

ADT		18659.00
SPEED		40.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		64.11
DAY LEQ		63.14
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Dan Kipper Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME			ADT	542.00
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	50.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	16.19	0.00	0.00	2.99	0.00	0.00	2.25	0.00	0.00	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	4.80	-31.57	-39.62	-2.54	-45.09	-49.04	-3.78	-31.57	-39.62		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	51.27
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	50.85
LEQ	50.85	22.16	18.33	43.51	8.63	8.91	42.27	22.16	18.33	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	50.85		EVENING LEQ	43.52		NIGHT LEQ	42.33		Use hour?	no
										GRADE dB	0.00
	CNEL		51.27								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	2780.00
										SPEED	50.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	83.04	0.02	0.00	15.34	0.00	0.00	11.53	0.02	0.00	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	11.90	-24.47	-32.52	4.56	-37.99	-41.94	3.32	-24.47	-32.52		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	58.37
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	57.96
LEQ	57.95	29.26	25.43	50.61	15.74	16.01	49.37	29.26	25.43	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	57.96		EVENING LEQ	50.62		NIGHT LEQ	49.43		Use hour?	no
										GRADE dB	0.00
	CNEL		58.37								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Fair Isle Drive-Box Springs Road**
Segment: **Sycamore Canyon Boulevard to I-215 NB Ramps**

	DAYTIME			EVENING			NIGHTTIME			ADT	15132.00
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	35.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	451.98	0.10	0.02	83.52	0.00	0.00	62.76	0.10	0.02	% A	97.4
Speed in MPH	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	65.11	74.83	80.05	65.11	74.83	80.05	65.11	74.83	80.05	% HT	0.74
ADJUSTMENTS											
Flow	20.80	-15.56	-23.62	13.47	-29.08	-33.04	12.23	-15.56	-23.62		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	61.29
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	60.86
LEQ	60.84	34.20	31.36	53.51	20.68	21.94	52.27	34.20	31.36	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	60.86		EVENING LEQ	53.52		NIGHT LEQ	52.37		Use hour?	no
										GRADE dB	0.00
	CNEL		61.29								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Fair Isle Drive to I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	475.63	0.32	0.89	88.28	0.01	0.04	65.70	0.33	0.93
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.93	-11.77	-7.33	12.62	-25.57	-21.13	11.34	-11.59	-7.15
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	64.21	40.78	49.74	56.90	26.98	35.94	55.61	40.96	49.92

DAY LEQ	64.38	EVENING LEQ	56.93	NIGHT LEQ	56.76	
CNEL	65.25					

ADT			17853.00
SPEED			45.00
DISTANCE			50.00
% A			92
% MT			3
% HT			5
LEFT			-90.00
RIGHT			90.00
CNEL			65.25
DAY LEQ			64.38
Day hour			89.00
Absorbtive?	no		
Use hour?	no		
GRADE dB			0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **I-215 SB Ramps to Dan Kipper Drive**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	432.15	0.29	0.81	80.21	0.01	0.03	59.69	0.30	0.84
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.52	-12.18	-7.75	12.20	-25.99	-21.55	10.92	-12.01	-7.57
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.79	40.37	49.32	56.48	26.57	35.52	55.20	40.55	49.50

ADT	16221.00					
SPEED	45.00					
DISTANCE	50.00					
% A	92					
% MT	3					
% HT	5					
LEFT	-90.00					
RIGHT	90.00					
CNEL	64.83					
DAY LEQ	63.96					
Day hour	89.00					
Absorbtive?	no					
Use hour?	no					
GRADE dB	0.00					

DAY LEQ	63.96	EVENING LEQ	56.52	NIGHT LEQ	56.35	
CNEL	64.83					

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Dan Kipper Drive to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	417.47	0.28	0.78	77.49	0.01	0.03	57.67	0.29	0.82
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.37	-12.33	-7.90	12.05	-26.14	-21.70	10.77	-12.16	-7.72
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.64	40.22	49.17	56.33	26.42	35.37	55.05	40.39	49.35

DAY LEQ	63.81	EVENING LEQ	56.37	NIGHT LEQ	56.20	
CNEL	64.68					

ADT		15670.00
SPEED		45.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		64.68
DAY LEQ		63.81
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Box Springs to Sierra Ridge Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	12482.00
										SPEED	45.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	332.54	0.22	0.62	61.72	0.01	0.03	45.93	0.23	0.65	% A	92
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	3
NOISE CALCULATIONS											
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14	% HT	5
ADJUSTMENTS											
Flow	18.38	-13.32	-8.89	11.07	-27.12	-22.69	9.78	-13.15	-8.71		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	63.69
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	62.83
LEQ	62.66	39.23	48.19	55.34	25.43	34.38	54.06	39.41	48.36	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	62.83		EVENING LEQ	55.38		NIGHT LEQ	55.21		Use hour?	no
										GRADE dB	0.00
	CNEL		63.69								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sycamore Canyon Boulevard**
Segment: **Sierra Ridge Drive to Eastridge Avenue**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	414.49	0.28	0.78	76.93	0.01	0.03	57.25	0.29	0.81
Speed in MPH	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	69.34	77.62	82.14	69.34	77.62	82.14	69.34	77.62	82.14
ADJUSTMENTS									
Flow	19.34	-12.37	-7.93	12.02	-26.17	-21.73	10.74	-12.19	-7.75
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.61	40.19	49.14	56.30	26.38	35.34	55.01	40.36	49.32

DAY LEQ	63.78	EVENING LEQ	56.34	NIGHT LEQ	56.17	
CNEL	64.65					

ADT		15558.00
SPEED		45.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		64.65
DAY LEQ		63.78
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Sycamore Canyon Boulevard to Box Springs Boulevard**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	448.11	0.30	0.84	83.17	0.01	0.04	61.90	0.32	0.88
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	20.19	-11.52	-7.08	12.87	-25.32	-20.88	11.59	-11.34	-6.90
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	62.48	39.73	49.01	55.16	25.93	35.21	53.88	39.90	49.19

DAY LEQ	62.69	EVENING LEQ	55.21	NIGHT LEQ	55.28	
CNEL	63.66					

ADT		16820.00
SPEED		40.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		63.66
DAY LEQ		62.69
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Eastridge Avenue**
Segment: **Box Springs Boulevard to I-215 Ramps**

	DAYTIME			EVENING			NIGHTTIME		
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS
INPUT PARAMETERS									
Vehicles per hour	538.51	0.36	1.01	99.95	0.02	0.04	74.38	0.38	1.05
Speed in MPH	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
NOISE CALCULATIONS									
Reference levels	67.36	76.31	81.16	67.36	76.31	81.16	67.36	76.31	81.16
ADJUSTMENTS									
Flow	20.99	-10.72	-6.28	13.67	-24.52	-20.08	12.39	-10.54	-6.10
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
LEQ	63.28	40.53	49.81	55.96	26.72	36.01	54.68	40.70	49.99

DAY LEQ	63.49	EVENING LEQ	56.01	NIGHT LEQ	56.08	
CNEL	64.46					

ADT		20213.00
SPEED		40.00
DISTANCE		50.00
% A		92
% MT		3
% HT		5
LEFT		-90.00
RIGHT		90.00
CNEL		64.46
DAY LEQ		63.49
Day hour		89.00
Absorbtive?	no	
Use hour?	no	
GRADE dB		0.00

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Dan Kipper Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME				
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	ADT	714.00
										SPEED	50.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	21.33	0.00	0.00	3.94	0.00	0.00	2.96	0.00	0.00	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	5.99	-30.37	-38.43	-1.34	-43.89	-47.85	-2.58	-30.37	-38.43		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	52.47
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	52.05
LEQ	52.04	23.35	19.52	44.71	9.83	10.10	43.47	23.35	19.52	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	52.05		EVENING LEQ	44.71		NIGHT LEQ	43.53		Use hour?	no
										GRADE dB	0.00
	CNEL		52.47								

FHWA Sound32 Spreadsheet

Existing Plus Ambient Growth Plus Cumulative Plus Project (2018) Traffic Noise

Project: **6042 Sycamore Canyon Business Park Warehouse**
Road: **Sierra Ridge Drive**
Segment: **West of Sycamore Canyon Drive**

	DAYTIME			EVENING			NIGHTTIME			ADT	5018.00
	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	AUTOS	M.TRUCKS	H.TRUCKS	SPEED	50.00
										DISTANCE	50.00
INPUT PARAMETERS											
Vehicles per hour	149.88	0.03	0.01	27.70	0.00	0.00	20.81	0.03	0.01	% A	97.4
Speed in MPH	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00		
Left angle	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00		
Right angle	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	% MT	1.84
NOISE CALCULATIONS											
Reference levels	71.12	78.79	83.02	71.12	78.79	83.02	71.12	78.79	83.02	% HT	0.74
ADJUSTMENTS											
Flow	14.46	-21.90	-29.96	7.13	-35.42	-39.38	5.89	-21.90	-29.96		
Distance	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	LEFT	-90.00
Finite Roadway	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	RIGHT	90.00
Barrier	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Grade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CNEL	60.93
Constant	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	DAY LEQ	60.52
LEQ	60.51	31.82	27.99	53.18	18.30	18.57	51.94	31.82	27.99	Day hour	89.00
										Absorbtive?	no
	DAY LEQ	60.52		EVENING LEQ	53.18		NIGHT LEQ	52.00		Use hour?	no
										GRADE dB	0.00
	CNEL		60.93								

Kunzman Associates, Inc.

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1111 Town & Country Road, Suite 34
Orange, California 92868
(714) 973-8383

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