

Environmental Noise Feasibility Study

3016 Kirwin Avenue

Proposed Residential Development

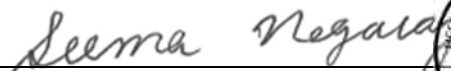
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Prepared for:

DVB Real Estate Investments Inc.

Prepared by:


Seema Nagaraj, Ph.D., P.Eng



Reviewed by:


Mark Levkoe, B.Sc.E., P.Eng



Revision History

Revision #	Date	Description of Changes
1.0	December 19, 2017	Final Report for Submission
2.0	March 25, 2019	Final Update Report for Submission
3.0	April 23, 2021	Revised with latest architectural drawing set

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3016 Kirwin Avenue

Proposed Residential Development Mississauga, Ontario

EXECUTIVE SUMMARY

Valcoustics Canada Ltd. (VCL) previously prepared an Environmental Noise Feasibility Study, dated December 19, 2017, for the proposed residential development. VCL subsequently prepared an update to the Environmental Noise Feasibility Study, dated March 25, 2019, to address changes to the Site Plan and comments from the City of Mississauga. This update report has been prepared to address changes to the Site Plan. Previously, the proposed development consisted of three stacked townhouse blocks. The current site concept is an 8-storey residential building.

The transportation noise sources in the vicinity of the proposed development include road traffic on Kirwin Avenue and Dundas Street East. There are also stationary sources in the vicinity of the site: the commercial plaza located immediately south of the proposed development at the northwest corner of Dundas Street and Kirwin Avenue (99-131 Dundas Street East), and the commercial plaza located at the northeast corner of Kirwin Avenue and Dundas Street East (157 Dundas Street East).

The sound levels at the site have been determined and compared with the applicable Ministry of the Environment, Conservation and Parks (MECP) guideline limits to determine the requirements for noise mitigation.

To meet the applicable transportation source guideline limits:

- All suites in the development require mandatory air conditioning;
- Exterior wall construction meeting Sound Transmission Class (STC) 45 and exterior windows meeting STC 32 will mitigate the indoor sound levels to the indoor criteria. If walls with higher STC ratings are used, the window requirements may decrease.

Mitigation is required to meet the stationary source guideline limits. The mitigation is:

- Commercial Building to South (99-131 Dundas Street East) - Mitigation measures are required for two rooftop exhaust fans (C1_EF02 and C1_EF03). The exhaust fans could be replaced with “quieter” units having a maximum overall sound power level of 81 dBA (C1_EF02) and 76 dBA (C1_EF03) or less, assuming the same unit height/location. Alternatively, rooftop acoustic screens could be used.

1.0 INTRODUCTION

1.1 PROJECT SCOPE

Valcoustics Canada Ltd. (VCL) previously prepared an Environmental Noise Feasibility Study, dated December 19, 2017, for the proposed residential development. VCL subsequently prepared an update to the Environmental Noise Feasibility Study, dated March 25, 2019, to address changes to the Site Plan and comments from the City of Mississauga. This update report has been prepared to address changes to the Site Plan.

The potential sound levels and noise mitigation measures required for the proposed development to comply with applicable MECP noise guideline limits are outlined herein.

1.2 SITE DESCRIPTION AND SURROUNDING AREA

The proposed residential development is located just north of the northwest corner of Kirwin Avenue and Dundas Street East. The site is bounded by the following:

- A commercial/retail building and small vehicle service centre building to the south, with Dundas Street East beyond;
- Future Parkland, with Little John Lane and existing commercial and mid-rise residential buildings beyond to the west;
- Public Park immediately to the north, with existing residential development beyond; and,
- Kirwin Avenue to the east, with commercial/retail development beyond.

A Key Plan showing the site location is provided as Figure 1.

The study is based on the architectural drawing set prepared by KFA Architects + Planners Inc., last revised March 10, 2021. The Site Plan from the drawing set is included as Figure 2.

1.3 PROPOSED DEVELOPMENT

The previous development consisted of three blocks of stacked townhouse units. The current development concept is an 8-storey residential building. Common indoor amenity space will be located on the ground floor. Grade-level common outdoor amenity space will be located at the northwest and southeast corners of the building and there is a common amenity space on the roof. The suites will also be provided with private patios, balconies or terraces. The development will have two levels of underground parking.

2.0 TRANSPORTATION NOISE SOURCE IMPACT ASSESSMENT

2.1 NOISE SOURCES

The transportation noise sources with potential to impact the proposed residential development include road traffic on Kirwin Avenue and Dundas Street East.

Hurontario Street is not expected to create a significant noise impact on the proposed development. It is located approximately 350 m to the west of the subject site, with several intervening high-rise buildings between. Thus, it was not considered further in the assessment.

Ultimate road traffic data for the Dundas Street East and Kirwin Avenue were obtained from the City of Mississauga. Table 1 summarizes the traffic data used in the assessment. Appendix B contains correspondence regarding the road traffic data.

TABLE 1: ULTIMATE ROAD TRAFFIC DATA ⁽¹⁾

Roadway	AADT ⁽²⁾	No. Lanes	% Trucks		Speed Limit (km/hr)	Day/ Night Split	%Grade
			Medium	Heavy			
Kirwin Avenue	20,000	4	1.65%	1.35%	50	90% / 10%	2
Dundas Street East	50,000	6	3.85%	3.15%	50	90% / 10%	2

Notes:

- (1) Obtained from City of Mississauga (refer to Appendix B)
(2) AADT – Annual Average Daily Traffic (Ultimate, as provided by City of Mississauga)

2.2 ENVIRONMENTAL NOISE GUIDELINES

2.2.1 Ministry of the Environment, Conservation and Parks

The applicable noise guidelines for new residential developments are those in MECP Publication NPC-300, “*Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning*.” The Region of Peel also has applicable noise guidelines for the assessment of transportation noise.

The environmental noise guidelines of the MECP as provided in the NPC-300 document, and those of the Region of Peel, are discussed briefly in the following sections. Additional information is provided in Appendix C for the NPC-300 guidelines.

2.2.1.1 Architectural Elements

During daytime and evening hours (0700 to 2300), the indoor criterion for road noise is a 16-hour $L_{eq,Day}$ of 45 dBA for sensitive spaces such as living/dining rooms, dens, and bedrooms. At night (2300 to 0700 hours), the indoor criterion for road noise is $L_{eq,Night}$ of 45 dBA for sensitive spaces such as living/dining rooms and dens, and 40 dBA for bedrooms and sleeping quarters.

The architectural design of the building envelopes (walls, windows, etc.) must provide adequate sound isolation to achieve these indoor sound level limits, based on the applicable outdoor sound levels predicted on the building facades.

2.2.1.2 Ventilation Requirements

In accordance with the MECP noise guidelines for transportation noise sources, if the daytime sound level ($L_{eq,Day}$) at the exterior face of a noise-sensitive window is greater than 65 dBA, means must be provided such that windows can be kept closed for noise control purposes, and central air conditioning is required. For daytime sound levels between 56 dBA and 65 dBA inclusive, there need only be the provision for adding central air conditioning at a later date. A warning clause

advising the occupants of the potential noise interference with some activities is also required. At nighttime, air conditioning would be required when the sound level exceeds 60 dBA ($L_{eq,Night}$) at a noise sensitive window. The provision for adding air conditioning is required when the nighttime sound level is greater than 50 dBA.

2.2.1.3 Outdoor Living Areas

For outdoor amenity areas (OLAs), the guideline sound level limit is a daytime sound level ($L_{eq,Day}$) of 55 dBA, with an excess not more than 5 dBA (i.e., an upper allowable design limit of 60 dBA) considered acceptable if it is not feasible to achieve the 55 dBA objective for technical, economic or administrative reasons. In these cases, warning clauses must be provided and registered on title. Nighttime sound level limits are not applicable for OLA's.

It should be noted that for road traffic sources, a balcony/terrace is considered an OLA if it is elevated, is the only OLA for the occupant, and it is 4 m in depth or greater.

2.2.2 Region of Peel

The Region of Peel guidelines are similar to the MECP guidelines, except that the nighttime level for triggering the central air conditioning requirement is 1 dB more stringent than the level specified by the MECP. Specifically, mandatory air conditioning for nighttime sound levels of 60 dBA or greater trigger the requirement for central air conditioning, and the provision for adding air conditioning at a late date when nighttime sound levels are between 51 dBA and 59 dBA inclusive.

2.3 ANALYSIS METHOD

The equivalent sound energy levels in terms of $L_{eq,Day}$ and $L_{eq,Night}$ were determined using ORNAMENT – STAMSON V5.04, the computerized road traffic noise prediction software of the MECP.

At the building facades, the daytime and nighttime sound levels were assessed at an 8th floor height of 25 m above grade and a 3rd floor height of 10 m above grade. The daytime OLA sound levels at the common outdoor amenity areas were assessed at a height of 1.5 m above grade or above the floor of the terrace, at the centre of the space.

It is noted that the ground floor units will be provided with private patios. The patios are approximately 2 m in depth, with entrance doors and street connections. It is expected that these patios are more similar to front porches than backyard spaces. Front porches are not typically designed and intended for the quiet enjoyment of the outdoors and would therefore not be considered OLA's. In addition, the patios are small spaces, similar in depth to the balconies above, which are not considered OLA's. Thus, these patios have not been considered as OLA's.

There are large (i.e., greater than 4 m in depth) west-facing private terraces on the 5th and 6th floors. Since these are not the only OLA's provided for the occupants, these terraces do not strictly qualify as OLA's under the MECP guidelines. All other terraces and balconies are less than 4 m in depth and therefore do not qualify as OLA's under the MECP guidelines.

Inherent screening of each proposed building facade due to its orientation to the noise source was included in the assessment. Screening from the existing development in the vicinity was not included in the façade sound level calculations. Screening from the existing dwellings to the east

(along the west side of Kirwin Avenue) and the commercial buildings to the south were included in the grade-level common OLA sound level calculations.

2.4 RESULTS

At the building facades, the highest daytime/nighttime sound levels of 67 dBA/61 dBA are predicted to occur at the southeast corner of the building at the third floor, closest to the intersection of Kirwin Avenue and Dundas Street East.

The unmitigated daytime OLA sound levels at the northwest and southeast grade-level common amenity areas are predicted to be 48 dBA and 62 dBA, respectively. The unmitigated daytime OLA sound level at the rooftop terrace is predicted to be 55 dBA.

Sample calculations are provided in Appendix D.

TABLE 2: PREDICTED UNMITIGATED OUTDOOR SOUND LEVELS

Location	Source	Distance (m) ⁽¹⁾	L _{eq} Day (dBA) ⁽²⁾	L _{eq} Night (dBA) ⁽³⁾
8 th Floor Southwest Corner South Facade	Kirwin Avenue	75	56	49
	Dundas Street - Westbound	64	63	57
	Dundas Street - Eastbound	74	63	56
	TOTAL	---	66	60
8 th Floor Southwest Corner West Facade	Dundas Street - Westbound	64	60	54
	Dundas Street - Eastbound	74	60	53
	TOTAL	---	63	56
8 th Floor Northwest Corner West Facade	Dundas Street - Westbound	93	58	52
	Dundas Street - Eastbound	103	58	51
	TOTAL	---	61	54
8 th Floor Northwest Corner North Facade	Kirwin Avenue	75	57	50
8 th Floor Northeast Corner North Facade	Kirwin Avenue	22	61	55
8 th Floor Northeast Corner East Facade	Kirwin Avenue	22	65	58
	Dundas Street - Westbound	85	60	53
	Dundas Street - Eastbound	96	59	52
	TOTAL	---	66	60
8 th Floor Southeast Corner East Facade	Kirwin Avenue	23	64	58
	Dundas Street - Westbound	59	61	54
	Dundas Street - Eastbound	69	60	53
	TOTAL	---	67	60
8 th Floor Southeast Corner South Facade	Kirwin Avenue	23	60	53
	Dundas Street - Westbound	59	63	56
	Dundas Street - Eastbound	69	62	56
	TOTAL	---	67	60

TABLE 2: PREDICTED UNMITIGATED OUTDOOR SOUND LEVELS

Location	Source	Distance (m) ⁽¹⁾	Leq Day (dBA) ⁽²⁾	Leq Night (dBA) ⁽³⁾
3 rd Floor Southeast Corner East Facade	Kirwin Avenue	19	65	59
	Dundas Street - Westbound	53	61	55
	Dundas Street - Eastbound	64	60	54
	TOTAL	---	67	61
3 rd Floor Southeast Corner South Facade	Kirwin Avenue	19	61	54
	Dundas Street - Westbound	53	63	57
	Dundas Street – Eastbound	64	63	56
	TOTAL	---	67	61
Northwest Grade-Level Common Outdoor Amenity Area (OLA)	Kirwin Avenue	76	48	-
Southeast Grade-Level Common Outdoor Amenity Area (OLA)	Kirwin Avenue	40	55	-
	Dundas Street - Westbound	56	58	-
	Dundas Street – Eastbound	66	57	-
	TOTAL	---	62	-
Common Rooftop Amenity Terrace (OLA)	Kirwin Avenue	64	48	-
	Dundas Street - Westbound	76	51	-
	Dundas Street – Eastbound	86	52	-
	TOTAL	---	55	-

Notes:

- (1) Distance to the OLA/building facade, respectively, from the centreline of the noise source.
- (2) Daytime sound levels for the for terrace OLAs estimated 1.5 m above roof level, 1.5 above grade for the ground floor Outdoor Amenity Spaces. Daytime sound levels for the building facades were assessed at the 8th floor (25 m above grade) and 3rd floor (10 m above grade) plane of windows.
- (3) Nighttime sound levels for the building facades were assessed at the 8th floor (25 m above grade) and 3rd floor (10 m above grade) plane of windows. There are no nighttime guideline limits for OLAs.

2.5 NOISE CONTROL REQUIREMENTS

The noise control requirements can be generally classified into two categories which are interrelated, but which the designer can treat separately for the most part:

- Architectural elements to achieve acceptable indoor noise guideline limits; and,
- Design features to protects the OLAs.

The applicable noise control requirements are summarized in Table 3, and the notes to Table 3.

2.5.1 Architectural Elements

The indoor noise guidelines can be achieved by using appropriate construction for exterior walls, windows and doors. In determining the worst-case architectural requirements for the residential suites, wall and window areas were assumed to 20% and 80%, respectively, on each façade of a corner room with both façade exposed to the noise sources.

Based on the predicted sound levels, exterior wall construction meeting a minimum STC 45 and exterior windows meeting STC 32 will be sufficient to achieve the indoor noise guidelines of the MECP. If exterior walls with higher STC ratings are used, the window STC requirements may decrease.

For walls, a typical spandrel panel exterior wall construction with a backup assembly (gypsum board on independent row of studs) would be expected to achieve the requirement of STC 45.

For windows, the window frames themselves must also be designed to ensure that the overall sound isolation performance of the entire window unit meets the sound isolation requirements. This needs to be confirmed by the window manufacturer through the submission of acoustical test data.

The final sound isolation requirements with respect to architectural elements should be reviewed when final architectural plans are developed. Wall and window constructions should also be reviewed at this point to ensure that they will meet the sound isolation performances to achieve the indoor noise guideline requirements of the MECP. This is typically done during the building permit application stage.

2.5.2 Ventilation Requirements

Based on the predicted sound levels at the building facades, all suites in the development require mandatory air conditioning to allow windows to remain closed for noise control purposes.

2.5.3 Outdoor Living Area Requirements

The unmitigated daytime OLA sound levels at the southeast grade-level common outdoor amenity area is predicted to exceed 60 dBA. A 1.8 m high acoustic fence along the south side of the amenity area will mitigate the daytime OLA sound level to 59 dBA. This is within the 60 dBA maximum permitted under the MECP guidelines, provided warning clauses are registered on title, and is recommended. The location of the acoustic fence is shown on Figure 2.

The acoustic fence must be of solid construction with no gaps, cracks or holes (except for small openings required for water drainage) and must have a minimum surface weight of 20 kg/m². A variety of materials are available, including concrete, masonry, glass, wood, specialty composite materials, or a combination of the above.

The unmitigated daytime OLA sound levels at the northwest grade-level common outdoor amenity area and the rooftop common outdoor amenity terrace are predicted to be 55 dBA or lower. This meets the MECP design objective. Thus, sound barriers are not required at these locations for noise control purposes.

2.6 WARNING CLAUSES

Warning clauses are a tool to inform prospective owners/occupants of potential annoyance due to existing/future noise sources. Where the sound level guidelines are exceeded, warning clauses should be registered on title, or included in the development agreement that is registered on title. The warning clauses should also be included in the agreements of Offers of Purchase and Sale and/or lease/rental agreements.

Applicable warning clauses for the proposed development are included in Table 3 and the Notes to Table 3.

TABLE 3: MINIMUM NOISE CONTROL MEASURES

Location	Air Conditioning ⁽¹⁾	Exterior Walls ⁽²⁾	Exterior Windows ⁽³⁾	Sound Barrier ⁽⁴⁾	Warning Clauses ⁽⁵⁾
All suites	Mandatory	STC 45	Up to STC 32	1.8 m high at south side of southeast common outdoor amenity area	A + B + C

Notes:

- (1) Where means must be provided to allow windows to remain closed for road noise control purposes, a commonly used technique is that of air central conditioning.
- (2) STC - Sound Transmission Class Rating (Reference ASTM-E413).
The requirements are based on assumed wall and window areas and should be confirmed once detailed floor plans and elevations are available.
- (3) STC - Sound Transmission Class Rating (Reference ASTM-E413). A sliding glass walkout door should be considered as a window and be included in the percentage of glazing.
The requirements are based on assumed wall and window areas and should be confirmed once detailed floor plans and elevations are available.
- (4) Acoustic fences/sound barriers must be of solid construction having a minimum face density of 20 kg/m² with no gaps, cracks or holes. A variety of materials are available, including concrete, masonry, glass, wood, specialty composite materials, or a combination of the above.
- (5) Warning clauses to be included in Occupancy Agreements:
- A. "Purchasers are advised that despite the inclusion of noise control features in the development and within the building units, sound levels due to increasing road traffic may occasionally interfere with some activities of the dwelling occupants as the sound level may exceed the noise guidelines of the Municipality and the Ministry of the Environment."
- B. "This dwelling has been supplied with a central air conditioning system which will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the noise criteria of the municipality and the Ministry of the Environment."
- C. "Purchasers are advised that due to the proximity of the commercial/retail uses, noise from these facilities may at times be audible."
- (6) All exterior doors shall be fully weather-stripped.

3.0 STATIONARY NOISE SOURCE IMPACT ASSESSMENT

3.1 NOISE SOURCES

The stationary noise sources with potential for impact the proposed development are the commercial plazas located immediately to the south (99-131 Dundas Street East) and east (157 Dundas Street East) of the site. The main noise sources associated with these establishments are the mechanical rooftop units.

The noise sources are shown in Figures 4 and 5.

3.1.1 Commercial/Retail Plaza at 99-131 Dundas Street East

The commercial/retail plaza at 99-131 Dundas Street East is a two-storey building with several businesses on the first and second floors. The businesses within the plaza include a dry cleaner, restaurants, and other general services (i.e., jeweller, beauty and hair salons, convenience store, etc.).

The operating hours of the businesses vary, with some operating only during daytime hours (such as the J&D Organic Dry Cleaners). Restaurants operate during daytime and evening hours. The Jung Thai and Bara's restaurants are open until 11:30 pm (nighttime) on the weekend. Noise sources include rooftop exhaust fans, HVAC units, condensers, and building-side air conditioning units and exhaust fans. (Note, the Bara's restaurant currently appears to be closed. The noise sources associated with this restaurant were assumed to be operating in this assessment, to account for the restaurant potentially re-opening or a similar use occupying the space.)

VCL visited the site to do sound measurements on June 1, 2017. Acoustical data for the various noise sources were obtained by measurement. For the mechanical units that were not operating during the site visit, typical sound data of a similar unit and capacity were taken from the VCL database. Appendix E includes tables summarizing the sources modeled for this commercial development (Source IDs: C1_##), and the associated sound level data used in the assessment.

3.1.2 Commercial/Retail Plaza at 157 Dundas Street East

The commercial building at 157 Dundas Street East is a single-storey plaza with various types of retail uses including a bakery, convenience store, beauty salon, etc. Using aerial imagery, the rooftop mechanical equipment (such as exhaust fans and HVAC units, Source IDs: C2_##) were located. Generic acoustic emission data for the equipment was used to model these sources (summarized in Appendix E tables). The noise impact from this commercial/retail building was based on assumptions and operating scenarios for similar facilities obtained from previous projects completed by VCL.

The sizes of the rooftop HVAC units were determined based on the assumed total cooling requirement of the building divided by the number of rooftop mechanical equipment. The total cooling capacity in tons for the retail/commercial uses was determined based on the approximate relationship of one-ton of cooling per 350 ft² of floor area. Based on this, the HVAC requirements would be nine 4-ton units.

The associated sound emission level for each unit was assumed based on the size of the unit. All HVAC units were assumed to be Lennox brand units. Manufacturer's sound data was used to model these sources. Refer to Appendix E Sample Calculations.

3.1.3 Other Commercial Uses

There is an existing auto shop located at 135 Dundas Street East immediately to the south of the site. The noise emission from this type of facility would be from vehicle maintenance activities within the building. The noise would be emitted to the exterior via entry/exit overhead bay doors. In this case, the overhead doors face toward Dundas Street East or Kirwin Avenue, and away from the site. As a result, the noise impact at the site would be expected to be minimal. Thus, noise emissions from this facility are not anticipated to be of concern.

Other commercial buildings along Dundas Street East are sufficiently setback from the site and are not expected to create significant noise impact on the proposed development. In addition, there are existing residential developments located closer or about the same distance to these commercial/retail uses than the proposed site. Thus, the noise guidelines would be expected to be met on the site by default. The noise impact from these commercial/retail establishments has not been considered further in this assessment.

3.2 ENVIRONMENTAL NOISE GUIDELINES

The applicable noise guidelines for use in development applications for both stationary sources and sensitive land uses are those in MECP Publication NPC-300, *“Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning”*. The environmental noise guidelines of the MECP, as provided in Publication NPC-300, are discussed briefly below and summarized in Appendix C.

3.2.1 Sound Level Criteria

The site and lands around the site are considered Class 1 – i.e., an area where the ambient sound environment is dominated by “urban hum”, primarily traffic noise in this case, 24 hours per day. This is due to the proximity to the area road network.

The MECP requires a predictable “worst case” one-hour operating scenario be analysed. This would typically occur when the background ambient sound level is at a minimum and the noise generated from the stationary noise sources is at a maximum. The predictable worst case is not the absolute worst-case operation that could occur on a site but is “a planned and predictable mode of operation”.

The guideline limits apply to the outdoor plane of window of habitable spaces such as living/dining/family rooms and sleep areas as well at outdoor amenity locations. There are no indoor sound level limits provided for stationary sources.

MECP Publication NPC-300 states that the guideline limits shall be defined by the higher of the ambient sound level (typically due to road traffic noise), or the minimum exclusion limits, in any hour of the day. The minimum exclusion limits (summarized in Table 4) are 50 dBA during the daytime (0700 to 1900 hours) and evening (1900 to 2300 hours), and 45 dBA at night (2300 to 0700 hours). Sound levels are assessed using one-hour L_{eq} (dBA), the energy equivalent continuous sound level. The sound level limits apply at a noise sensitive plane of window (at all times) or at an outdoor point of reception in the daytime and evening only. The sound level limits do not apply to outdoor points of reception at night.

TABLE 4: MINIMUM EXCLUSION SOUND LIMITS FOR CLASS 1 AREAS

Time of Day	Outdoor Plane of Window One-Hour L_{eq} (dBA) Sound Limit	Outdoor Point of Reception One-Hour L_{eq} (dBA) Sound Limit
Daytime (0700 to 1900 hours)	50	50
Evening (1900 to 2300 hours)	50	50
Nighttime (2300 to 0700 hours)	45	-

Note, the limits contained in Publication NPC-300 do not apply to occasional movement of vehicles on the property such as infrequent delivery of goods to convenience stores.

3.2.2 Applicable Guideline Limits

At several of the receptor locations, the existing ambient due to road traffic on Kirwin Avenue and Dundas Street East is higher than the minimum exclusion limits. The existing background sound

levels, therefore, define the applicable sound level limits for receptors most exposed to Dundas Street East or Kirwin Avenue.

Section 3.4 below describes the calculation procedure to predict the ambient sound levels.

3.3 ANALYSIS METHOD

A 3-D acoustic model of the proposed development and surrounding area was developed using CadnaA V2020 MR1 environmental noise modeling software, which follows the protocol of ISO Standard 9613-2, “Acoustics – Attenuation of Sound During Propagation Outdoors”, to predict sound levels at each of the receptor locations.

Hard ground ($G = 0$) was used for the site, adjacent commercial plazas and roadways. Soft ground ($G = 1$) was used elsewhere. Two orders of sound reflection were included in the acoustical model.

Screening from the 1.8 m high acoustic fence required for transportation noise sources was included in the model.

The sound level predictions at the proposed buildings were done using the building evaluation feature in the CadnaA acoustic model. This method calculates the sound levels on a grid of receivers over each building facade at each storey of the building. The point receptors shown in Figures 4 to 7 were added at the worst-case locations for ease of reporting.

3.4 AMBIENT SOUND LEVEL ASSESSMENT

Minimum ambient sound levels (daytime, evening and nighttime hours) due to road traffic at receptors most exposed to Kirwin Avenue and Dundas Street East were calculated using traffic count data provided by Lea Consulting Ltd. The peak AM/PM traffic count data applicable to the year 2017 provided were converted to 24-hour volumes by multiplying the peak counts by a factor of 10. The hourly traffic volumes were derived from the 24-hour data by applying the typical traffic distribution for well travelled roadways. The minimum hourly volumes for the three scenarios considered were:

- 1000 to 1100 hours in the daytime scenario, where 3.5% of the 24-hour traffic volume occurs;
- 2200 to 2300 hours in the evening scenario, where 2.5% of the 24-hour traffic volume occurs; and,
- 0400 to 0500 hours in the nighttime scenario, where 0.2% of the 24-hour traffic volume occurs.

Minimum ambient sound levels were calculated at the assessment receptors in terms of one-hour L_{eq} , for the indicated hours, using RLS-90, the road traffic noise model included in the CadnaA software package.

The ambient sound levels due to road traffic on Kirwin Avenue and Dundas Street East are shown on Figure 3. The numbers shown in the octagons represent the highest ambient sound level at that location on the building façade,

3.5 OPERATING SCENARIOS

Two operating scenarios with different levels of activity were considered for each commercial development, according to the three criterion periods, daytime (0700 to 1900 hours), evening (1900 to 2300 hours) and nighttime (2300 to 0700 hours).

These scenarios reflect predictable worst-case operating conditions, as required by the MECP guidelines, that would not be expected to occur on a regular basis, and perhaps only occasionally. In practice, it is expected that actual operating activities will be less than considered in this report.

The operating scenarios assessed are:

- Daytime and Evening Hours (any one-hour period between 0700 and 2300 hours)
 - all rooftop units/equipment operating at 100% duty cycle (each unit operates for the full hour).
- Nighttime Hours (any one-hour period between 2300 and 0700 hours)
 - all rooftop HVAC units operating at 50% duty cycle (each unit operates for 30 minutes per hour);
 - all condenser units operating at 100% duty cycle (C1_CU01 and C1_CU02);
 - kitchen exhaust fans at restaurants open during the nighttime (Source IDs: C1_EF02 and C1_EF03) operating for the full hour; and
 - all other exhaust fans off.

3.6 ASSESSMENT RESULTS

3.6.1 Commercial/Retail Plaza at 99-131 Dundas Street East

Figure 4 show the predicted unmitigated sound levels at the proposed site due to the operation of the commercial plaza at 99-131 Dundas Street East. The panes on the left show the sound levels and the panes on the right show the excesses over the noise guideline limits during the daytime, evening and nighttime.

Sound level excesses are predicted to occur during the daytime, evening and nighttime scenarios. The highest sound level excess of 4 dBA occurs on the south façade of the proposed building during the nighttime scenario.

These excesses are mainly due to the rooftop kitchen exhaust fans (Source IDs: C1_EF02 and C1_EF03).

3.6.2 Commercial/Retail Plaza at 157 Dundas Street East

Figure 5 shows the predicted unmitigated sound levels from the noise sources associated with the commercial plaza at 157 Dundas Street East. The panes on the left show the sound levels and the panes on the right shows the sound level excesses over the applicable noise guideline limits.

As shown on Figure 5, the unmitigated sound levels are predicted to meet the noise guideline limits. Thus, mitigation measures are not required for this plaza.

3.7 MITIGATION MEASURES

3.7.1 Commercial/Retail Plaza at 99-131 Dundas Street East

To mitigate the sound levels from 99-131 Dundas Street East to the applicable guideline limits, noise control measures are required at rooftop exhaust fans C1_EF02 and C1_EF03. Mitigation options include:

- Replacing the fans with quieter units. The maximum sound power level at C1_EF02 should be 81 dBA. The maximum sound power level at C1_EF03 should be 76 dB; or
- Adding rooftop acoustic screens. The screen at C1_EF01 should be 2.5 m high and the screen at C1_EF02 should be 2.0 m high.

The predicted sound levels with the two mitigation options are shown as Figures 6 and 7.

Note, the most significant noise source is the kitchen exhaust fan at the Bara's restaurant (C1_EF03). As noted above, this restaurant currently appears to be closed. The noise sources measured in 2017 were used in this assessment in the event that the restaurant re-opens or a similar use moves in. Given the current COVID-19 pandemic and its impact on businesses, it is recommended that the uses at all of the commercial/retail units in this plaza be confirmed as part of a future submission.

4.0 CONCLUSIONS

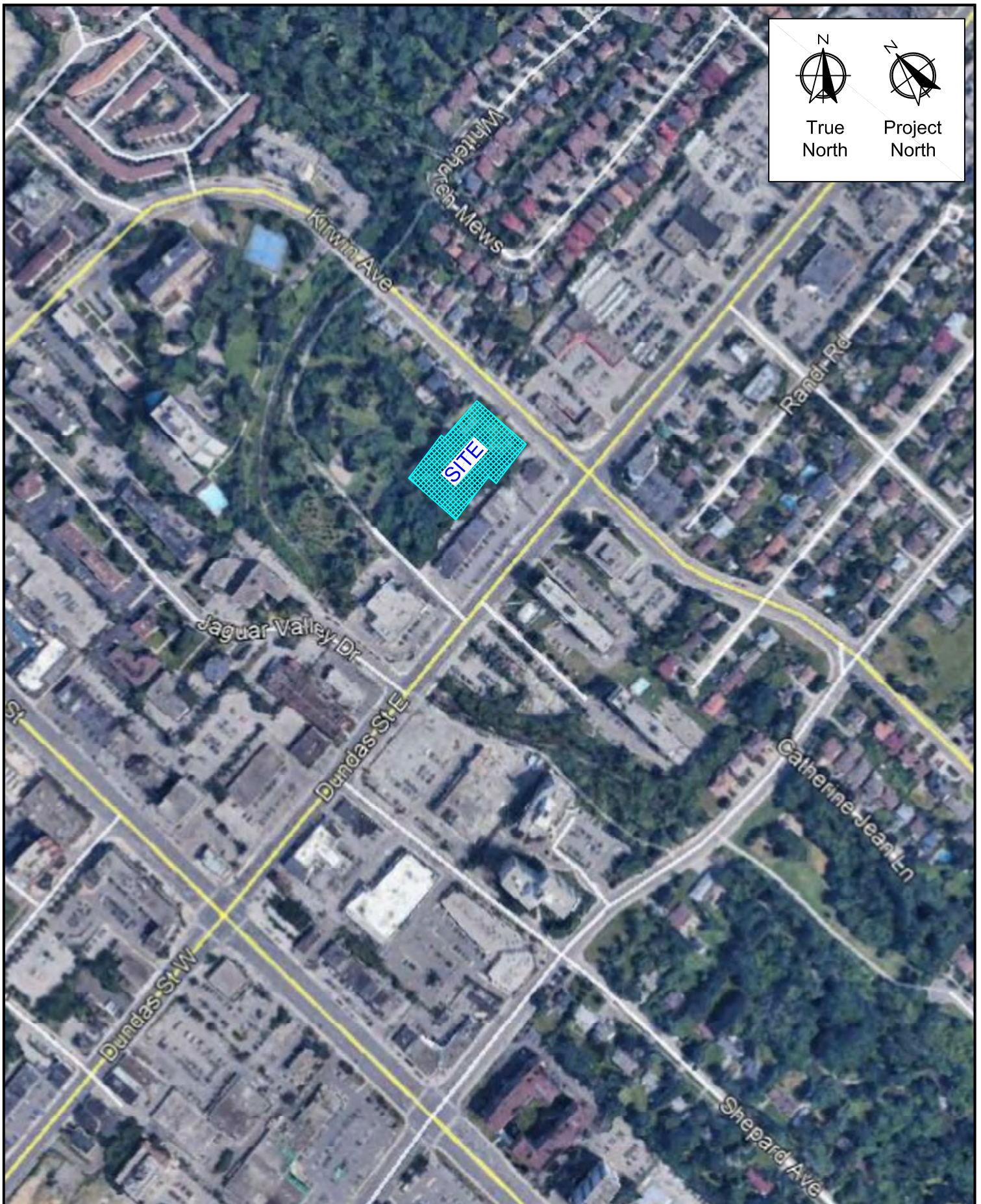
With appropriate design and recommendations outlined in this report, the proposed residential development is considered feasible and a suitable acoustical environment can be provided for the occupants of the dwellings.

Noise mitigation measures are needed for the commercial plazas at 99-131 Dundas Street East. Preliminary mitigation measures have been presented. The specifics should be determined as part of a future submission.

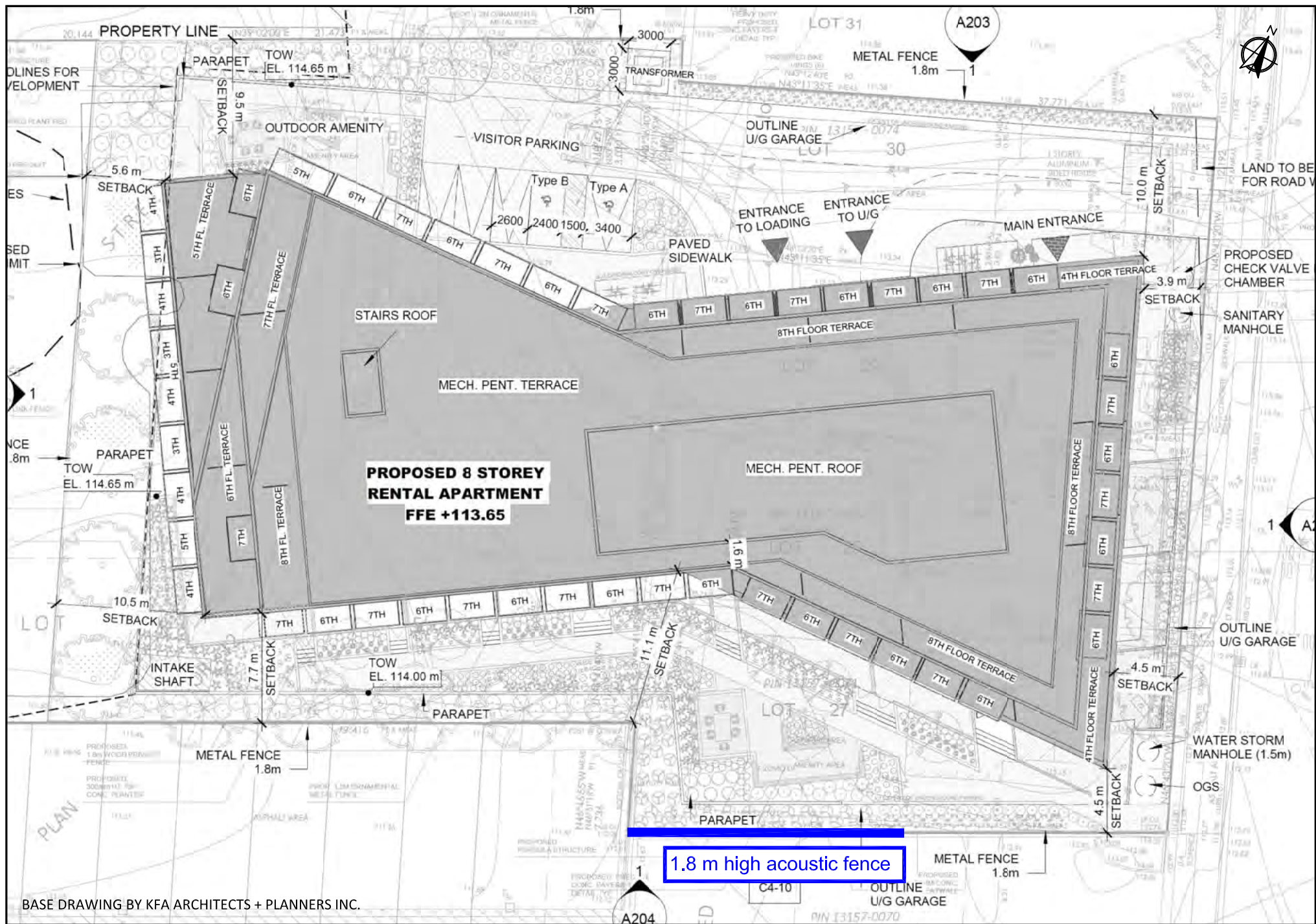
Future occupants will be made aware of the potential noise impacts through warning clauses, as per MECP guidelines.

5.0 REFERENCES

1. PC STAMSON 5.04, "Computer Program for Road Traffic Noise Assessment", Ontario Ministry of the Environment and Climate Change.
2. Building Practice Note No. 56: "Controlling Sound Transmission into Building", by J.D. Quirt, Division of Building Research, National Council of Canada, September 1985.
3. "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning", MECP Publication NPC-300, October 2013.
4. "Environmental Noise Feasibility Study – 3016 Kirwin Avenue – Proposed Residential Development", Valcoustics Canada Ltd., December 19, 2017.



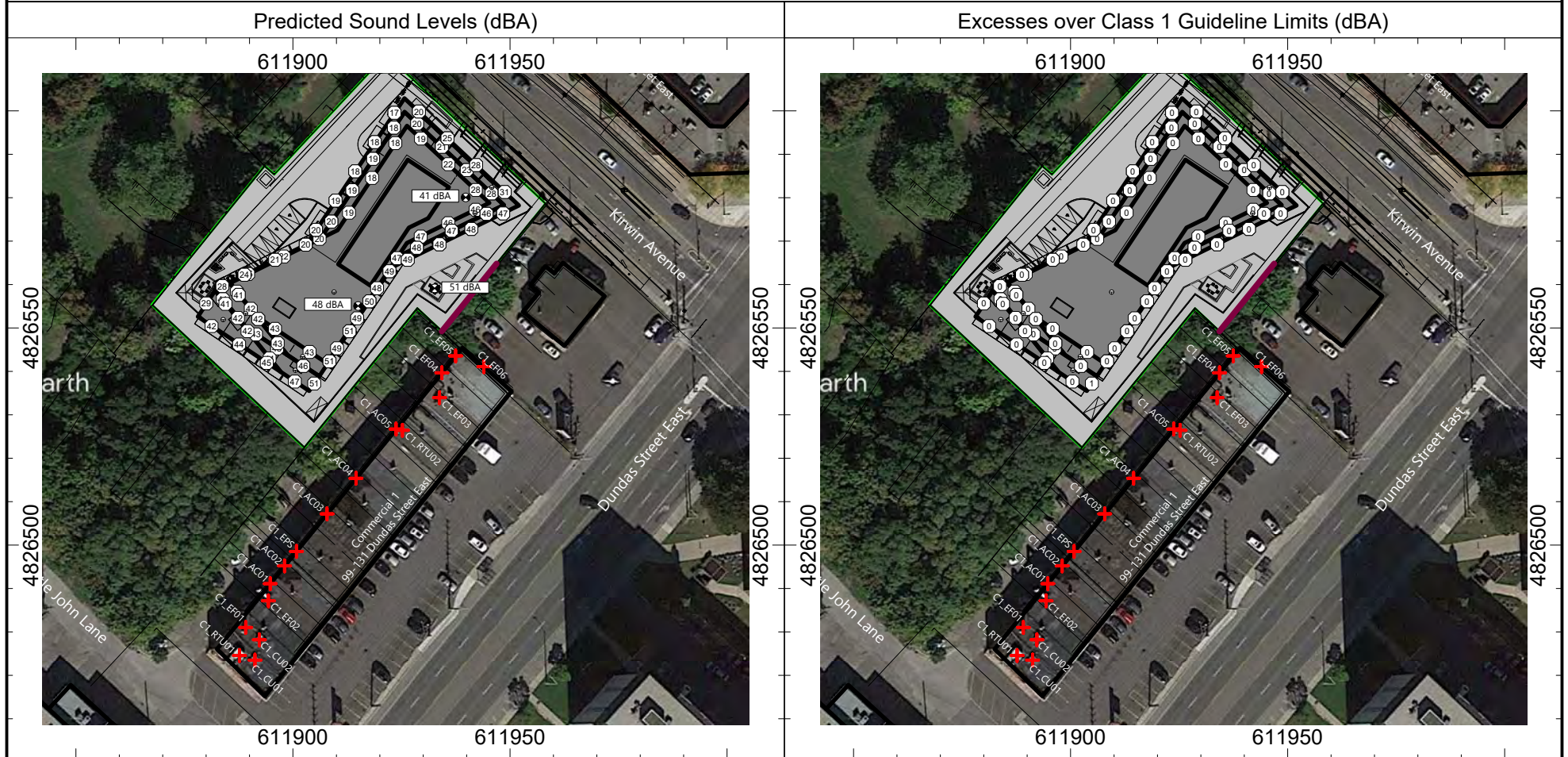
 VALCOUSTICS Canada Ltd. consulting acoustical engineers	Title		Date	Figure 1
	Key Plan		Apr. 22, 2021	
	Project Name		Project No.	
	3016 Kirwin Avenue, Mississauga		117-0071-200	



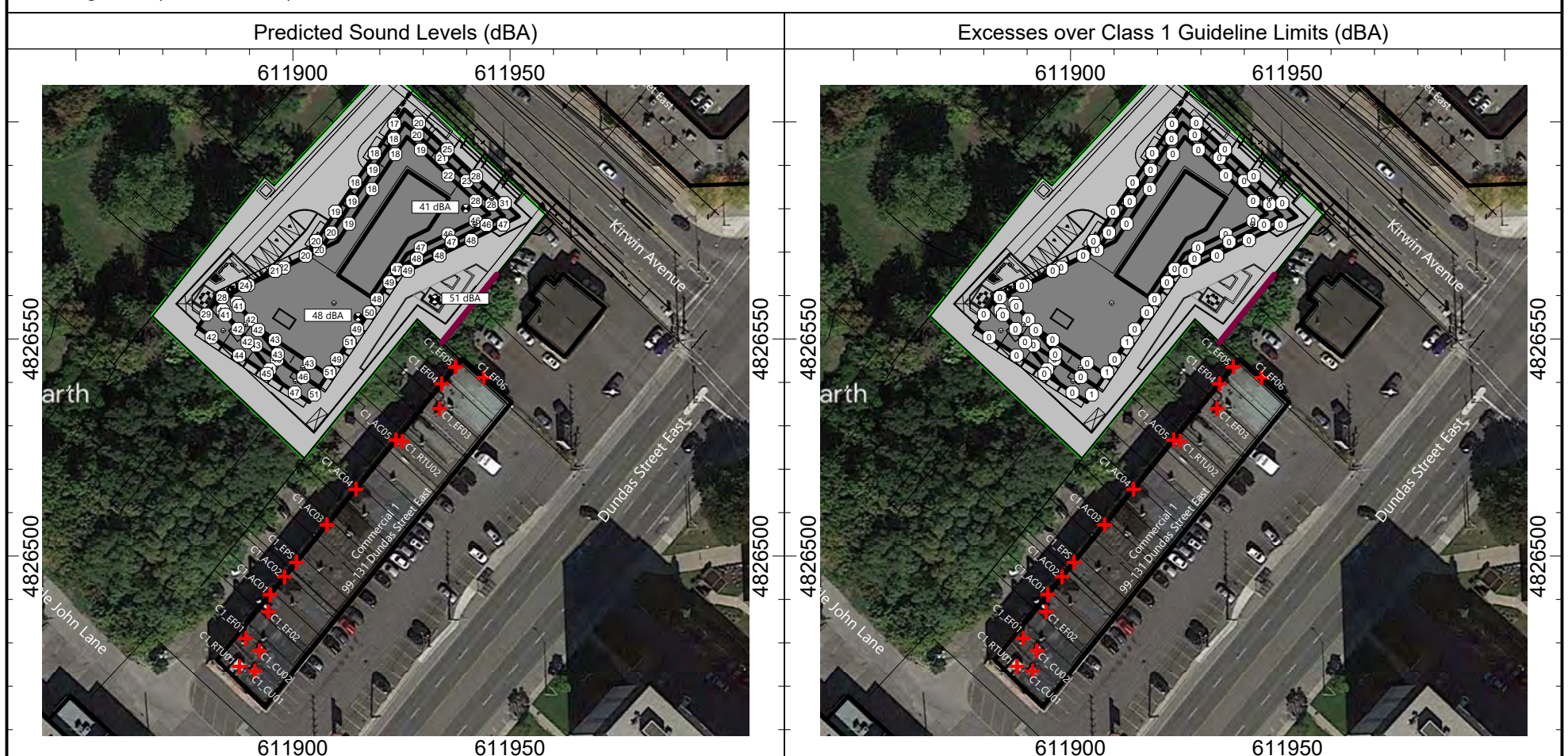
BASE DRAWING BY KFA ARCHITECTS + PLANNERS INC.



Daytime Hour (0700 to 1900)



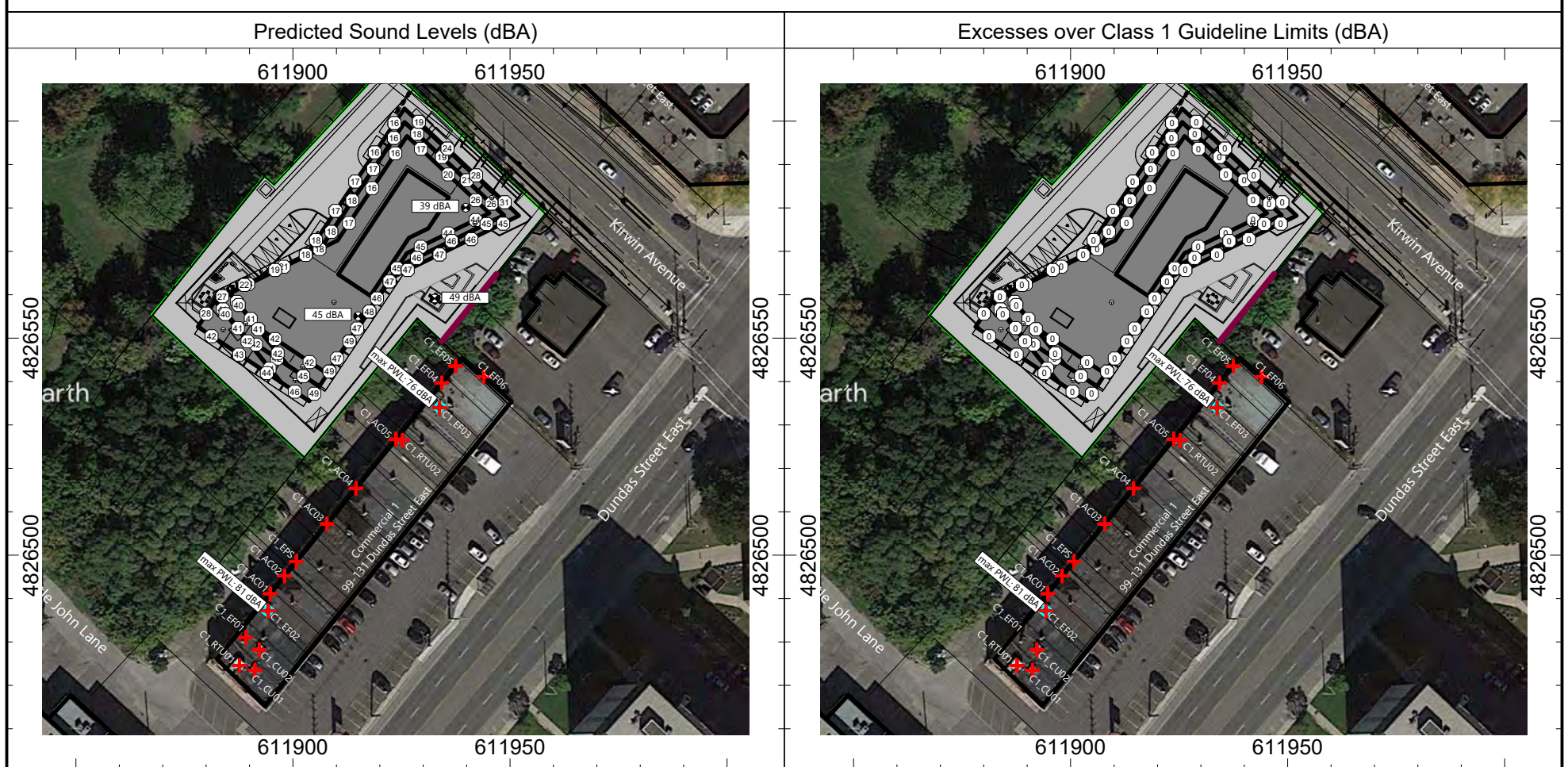
Evening Hour (1900 to 2300)



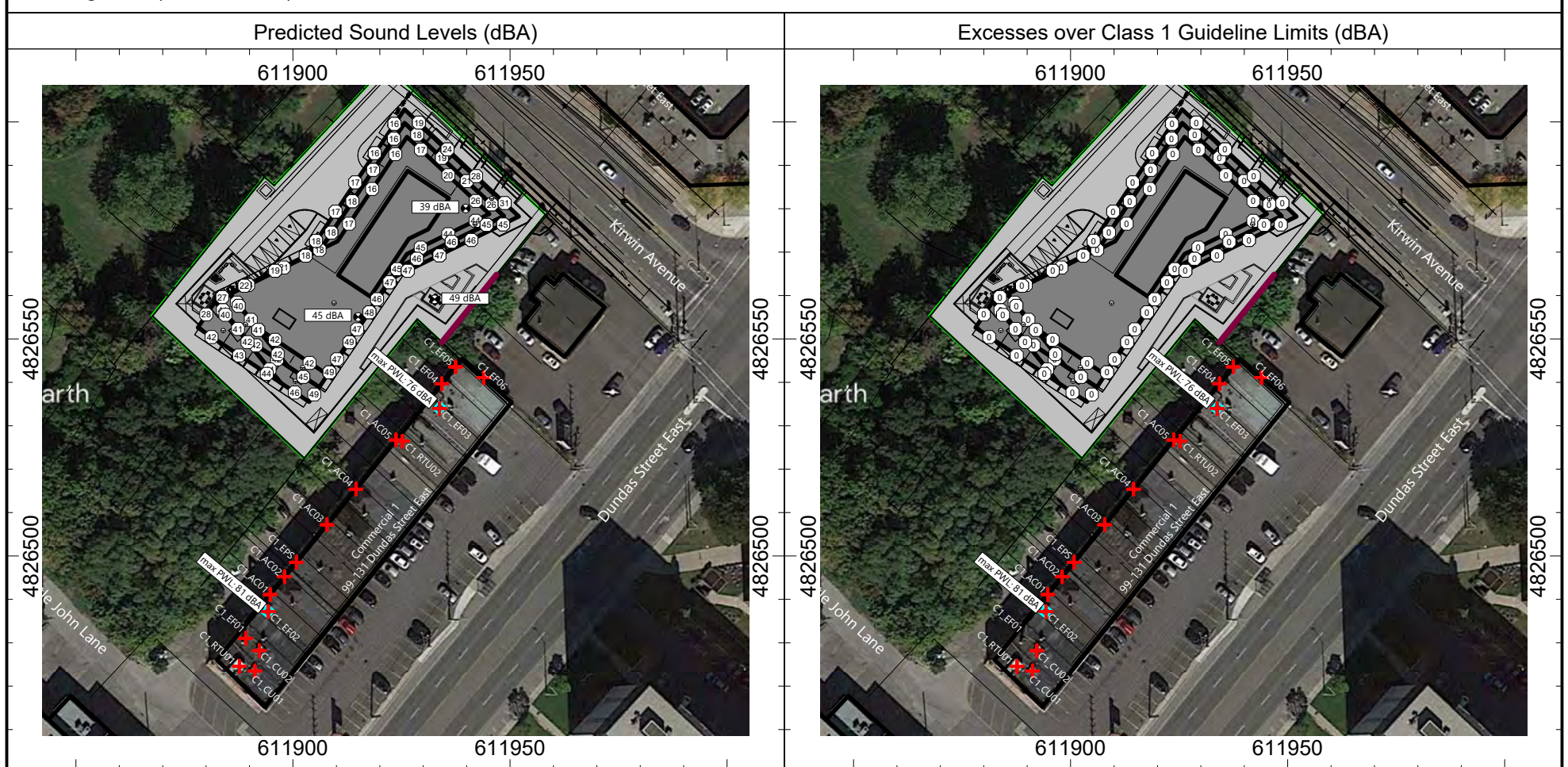
Nighttime Hour (2300 to 0700)	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24



Daytime Hour (0700 to 1900)

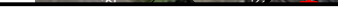


Evening Hour (1900 to 2300)



Nighttime Hour (2300 to 0700)



	Title	Date	Figure 6
	Mitigated Sound Levels due to 99-131 Dundas Street East and Excesses over Class 1 Guideline Limits (dBA) - Opt 1 Project Name 3016 Kirwin Avenue/Mississauga - Noise Update	Apr. 21, 2021 Project No. 117-0071-200	

APPENDIX A

SITE PLAN AND DRAWINGS

PROPOSED 8 STOREY RENTAL BUILDING

3016 -3022 KIRWIN AVE, MISSISSAUGA, ON, CANADA



CONSULTANTS:

ARCHITECT:

KFA ARCHITECTS + PLANNERS INC.

197 SPADINA AVENUE, SUITE 500
TORONTO, ON
M5T 2C8

TEL: 416 633 6226

PLANNING:

WESTON CONSULTING

268 BERKELEY ST
TORONTO, ON
M5A 2X5

TEL: 905-738-8080

ACOUSTIC:

VALCOUSTICS

30 WERTHEIM CT
RICHMOND HILL, ON
L4B 1B9

TEL: 416-633-6226 EXT. 222

LANDSCAPE:

MSLA

170 THE DONWAY WEST, SUITE 206
NORTH YORK, ON
M3C 2G3

TEL: 416-492-9966 EXT. 26

ARBORIST / ENVI.

BEACON ENVIRONMENTAL

80 MAIN ST N
MARKHAM, ON
L3P 1X5

TEL: 519-835-6455

WIND:

THEAKSON ENVIRONMENTAL

GLENGARRY CRESCENT
FERGUS, ON
N1M 3E2

TEL: 519-787-2910

TRANSPORTATION:

LEA CONSULTING

425 UNIVERSITY AVENUE, SUITE 400
TORONTO, ON
M5G 1T6

TEL: 905-470-0015 ext. 245

CIVIL ENGINEER:

LEA CONSULTING

425 UNIVERSITY AVENUE, SUITE 400
TORONTO, ON
M5G 1T6

TEL: 905-470-0015 ext.328

3016
KIRWIN AVE

3016-3022 Kirwin Avenue
Mississauga - ON - Canada

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All dimensions to be checked on site by the contractor. Drawings are not to be scaled, any discrepancies are to be reported to the Architect before proceeding with the work.

DRAWING LIST:

Sheet Number	Sheet Name
A000	COVER PAGE
A001	SITE PLAN & STATS
A101	PARKING GARAGE LEVEL 2
A102	PARKING GARAGE LEVEL 1
A103	GROUND FLOOR
A104	2ND FLOOR PLAN
A105	3RD FLOOR PLAN
A106	4TH FLOOR PLAN
A107	5TH FLOOR PLAN
A108	6TH FLOOR PLAN
A109	7TH FLOOR PLAN
A110	8TH FLOOR PLAN
A111	MECHANICAL FLOOR PLAN
A112	ROOF PLAN
A201	EAST ELEVATION
A202	WEST ELEVATION
A203	NORTH ELEVATION
A204	SOUTH ELEVATION
A205	SECTION 1 E/W
A206	SECTION 2 N/S

CONTEXT KEY PLAN



PROJECT NORTH

STAMP

CLIENT

DVB Real Estate
Investments Inc.



PROJECT NO:

20009

SCALE:

DATE:

Feb. 04, 2020

DRAWN BY:

FC, LF

DRAWING TITLE

COVER PAGE

DRAWING NO

A000



**TOPOGRAPHIC SURVEY OF
ALL OF LOTS 27 TO 30
REGISTERED PLAN No. C-14
AND
PART OF LOT 5
REGISTERED PLAN TOR-12
AND
PART OF LOT 15
CONCESSION 1,
NORTH OF DUNDAS STREET
(GEOGRAPHIC TOWNSHIP OF TORONTO, COUNTY OF PEE)
CITY OF MISSISSAUGA
REGIONAL MUNICIPALITY OF PEE**

SCALE 1" = 200'

VAN-HARTEN SURVEYING INC.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

THIS SURVEY WAS COMPLETED ON THE 14th DAY OF OCTOBER, 2016.

DATE: OCTOBER 26, 2016


LURE G. WILCOX
ONTARIO LAND SURVEYOR

BENCHMARK:

ELEVATIONS ARE REFERRED TO CANADIAN GEODETIC DATUM, 1929 AND WERE DERIVED FROM THE CITY OF MISSISSAUGA BENCHMARK NO. 7931 LOCATED ON THE NORTH LANE AT THE EAST CORNER OF CONVENT ROAD (EAST END OF BOX CULVERT UNDER DUNDAS STREET) AND SOUTH SIDE OF CONVENT ROAD. ELEVATION OF 80.44 METRES (263' 10").

DATE: PUBLISHED: ELEVATION: 101.955 METRES

SITE BENCHMARK, NAL IN HYDRO PLOT, APPROXIMATELY AT THE NORTH WEST CORNER OF LOT 27, REGISTERED PLAN NO. C-14, 11.3 TO 20.3 METRES AS SHOWN ON PLAN

PROPERTY DESCRIPTION:

ALL OF PR-18715-005, 18715-007, 18715-002, 18715-0073, 18715-0074 AND 18715-0074; ALL OF LOTS 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 AND PART OF LOT 1, 2, 3 AND PART OF LOT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 AND PART OF LOT 1, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769

LINETYPES

CONCRETE CURBS
 UNDERGROUND CABLE
 OVERHEAD TEL
 GAS LINE
 SANITARY SEWER
 WATER MAIN
 STORM SEWER
 OVERHEAD W/ROD
 CHAIN LINK FENCE
 UNPLED OTHERWISE NOTED

CATV TEL
 GAS SAN
 W SW
 OVERHEAD W/ROD
 CHAIN LINK FENCE
 UNPLED OTHERWISE NOTED

CENTRELINE OF ROAD
 TOP OF DRAIN

DECIDUOUS TREE
 BUSH
 HYDRO PILE
 LIGHT STANDARD
 HYDRO METER
 CATIONIZATION
 MANHOLE
 GAS METER
 MONITORING WELL

SAMPLING + 54PC OF SARDY

BEARING AND COORDINATE NOTE:

1. BEARINGS ARE GRID BEARINGS AND ARE DERIVED FROM GPS OBSERVATIONS AND ARE REFERRED TO THE UTM PROJECTION, ZONE 17, NAD 83 (ICRS-2010) ADJUSTMENT.
2. DISTANCES SHOWN ON THIS PLAN ARE ADJUSTED GROUND DISTANCES AND CAN BE CONVERTED TO GRID DISTANCES BY MULTIPLYING BY AN AVERAGED COMBINED SCALE FACTOR OF 0.999745

BEARING COMPARISONS:

FOR THE PURPOSES OF BEARING COMPARISONS, PREVIOUS SURVEYS HAVE BEEN ROTATED TO UTM BEARINGS BY THE ANGLES SHOWN BELOW.

PLAN	ROTATION FOR NORTHEAST BEARINGS
P3	-0°55'15"
P2, P4	-1°43'20"
P3	-0°54'00"

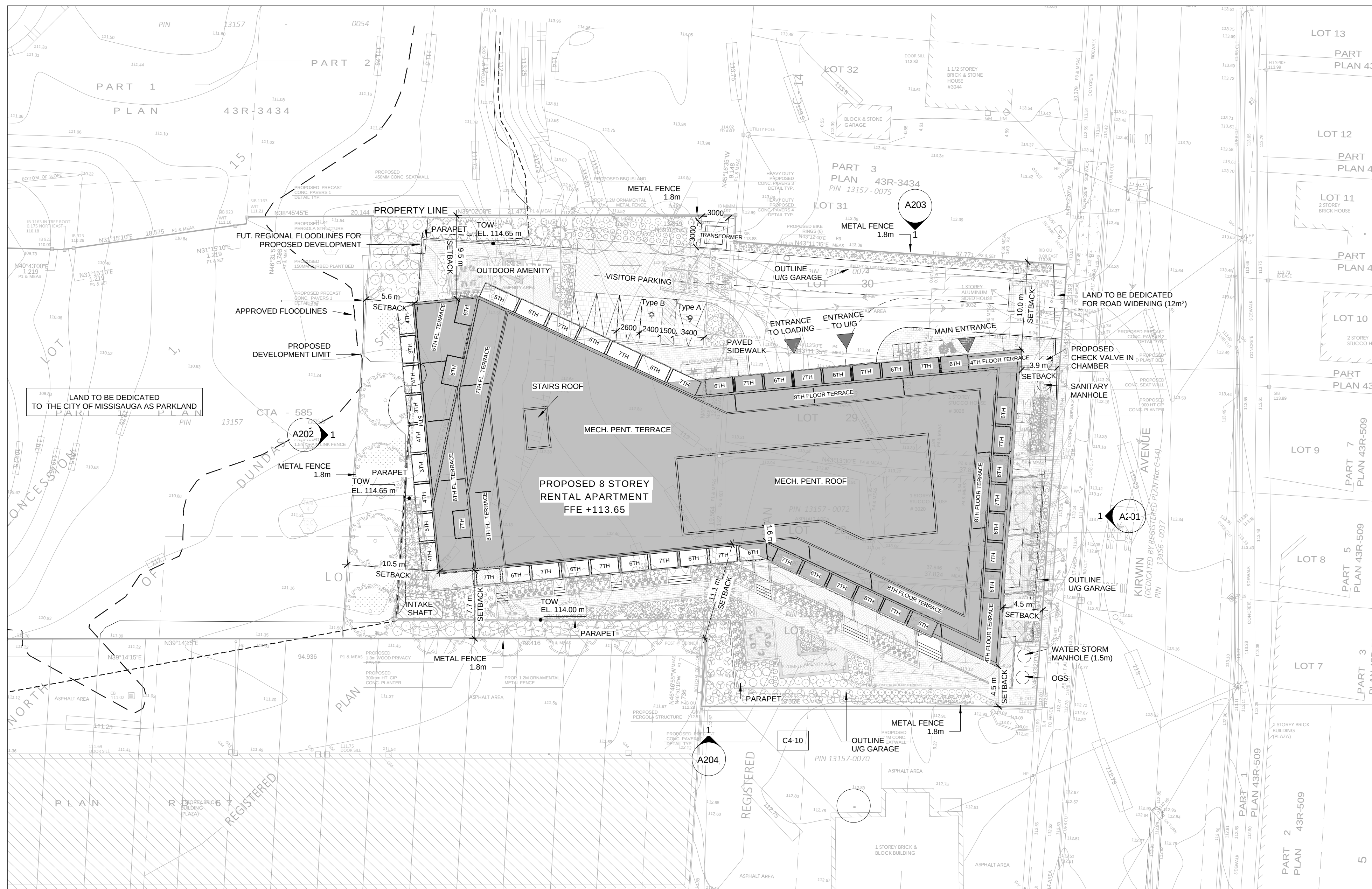
[illegible]

CALL BEFORE YOU DIG

THE LOCATION OF SERVICES ON THIS DRAWING ARE ONLY APPROXIMATE AND BASED ON SURFACE FEATURES LOCATED AT THE TIME OF THE TOPOGRAPHIC SURVEY. PRIOR TO ANY CONSTRUCTION IT IS THE RESPONSIBILITY OF THE CONTRACTOR/BUILDER TO ENSURE THE EXACT LOCATION OF ALL UTILITIES.

METRIC:
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND
CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

REVISION SCHEDULE			
No.	DATE	BY	COMMENTS
1	10/24/16	EEL	FIRST SUBMISSION TO CLIENT
2	10/27/16	EEL	SECOND SUBMISSION TO CLIENT



3016-3022 Kirwin Ave

Review: February 04th, 2021

Legal Description

ALL OF LOTS 27 TO 30 REGISTERED PLAN No. C-14 AND PART OF LOT 5 REGISTERED PLAN TOR-12 AND PART OF LOT 15 CONCESSION 1, NORTH OF DUNDAS STREET CITY OF MISSISSAUGA REGIONAL MUNICIPALITY OF PEEL

Site

Gross Site Area	6,385.0 m ²	69,730 <i>sf</i>
Parkland Dedication	2,450.0 m ²	26,372 <i>sf</i>
Road Widening Area	12.0 m ²	129 <i>sf</i>
Net Site Area	3,923.0 m ²	42,228 <i>sf</i>
Lot Frontage	50.3 m	
Lot Depth	131.4 m	

Building proposal

Building Footprint	1,703.0 m ²	
Building Height	25.5 m	*Mech. Pent. Excluded
Gross Floor Area	(Based on GFA - Apartment Zone)	11,120.0 m ²
Lot Coverage (%)	(Based on Gross Site Area)	27%
Lot Coverage (%)	(Based on Net Site Area)	43%
FSI	(GFA / Gross Site Area)	1.74
FSI	(GFA / Net Site Area)	2.83

Proposed Areas	Floor	GCA ^{***} (m ²)	GFA* (m ²)	Total (m ²)
	Ground Floor	1,583.0	930.0	10,011
	1H 2nd Floor	600.0	600.0	6,450
	2nd Floor	1,665.0	1,626.0	16,445
	3rd Floor	1,703.0	1,628.0	17,524
	4th Floor	1,508.0	1,448.0	15,587
	5th Floor	1,427.0	1,367.0	14,715
	6th Floor	1,370.0	1,297.0	13,961
	7th Floor	1,311.0	1,255.0	13,617
	8th Floor	1,106.0	1,060.0	11,410
	Total GFA	12,193.0	11,120.0	119,099

Total Proposed GFA	11,120.0 m²	119,699 ft²
---------------------------	-------------------------------	-------------------------------

**Gross Floor Area (GFA) - Apartment Zone means the sum of the areas of each storey of a building above or below established grade, measured from the exterior of outside walls of the building including floor area occupied by interior walls but excluding any part of the building used for mechanical floor area, stairwells, elevators, motor vehicle parking, bicycle parking, storage lockers, below-grade storage, any enclosed area used for the collection or storage of disposable or recyclable waste generated within the building, common facilities for the use of the residents of the building, a day care and amenity area.*

Gross Construction Area (GCA) - The total enclosed area of a floor or building measured to the outside surface of the permanent exterior walls of the building or structure or to a predetermined surface, or plane as in the case of overhangs and projections to the outside surface of the building.

Unit Count	Units	1 Bed	2 Bed	3 Bed
Ground Floor	10			
2nd Floor	20			
3rd Floor	23			
4th Floor	22			
5th Floor	20			
6th Floor	19			
7th Floor	18			
8th Floor	16			
Total Units	148	113	32	3

Vehicular Parking

Parking Required	UNITS	PARKING	RATIO
Rental 1 Bed @1.18 per unit	113	133	1.18
Rental 2 Bed @1.36 per unit	32	44	1.36
Rental 3 Bed @1.5 per unit	3	5	1.50

Rental Visitors @ 0.15 per unit

Total Vehicular Parking Required

Parking Provided (estimated)

	At Grade	P1 Level	P2 Level	Sub Total	Ratio
Residential	0	64	93	157	1.06
Residential Visitor	5	16	0	21	0.14
	<u>5</u>	<u>80</u>	<u>93</u>	<u>178</u>	

Bicycle Parking

Required

	Ratio	
Short Term Residential	$0.08 \times \text{unit}$	12
Long Term Residential	$0.7 \times \text{unit}$	104

Provided (estimated)

	At Grade	PT Level	
Short Term Residential	14	0	
Long Term Residential	0	101	
			Tot: 115

Landscaped Area

Soft Landscaping	912.0 m ²	23%
Hard Landscaping	760.0 m ²	19%
Green Roof	466.0 m ²	12%
Total Landscape	2138.0 m²	54%

Amenity Area

Amenity Area Required

5.6 m ² per unit	828.8 m ²
Total Amenities Required	828.8 m²

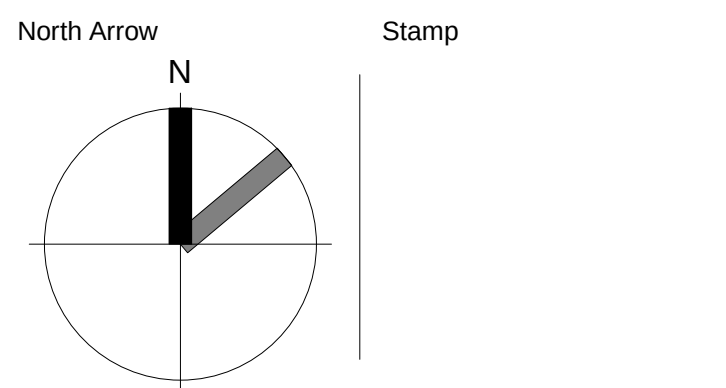
Amenity Area Provided (estimated)

1) Indoor	Ground Floor	330.0 m²
2) Outdoor	Ground Floor	100.0 m²
	Roof	450.0 m²
Total Amenities		880.0 m²

**3016
KIRWIN AVE**

3016-3022 Kirwin Avenue
Mississauga - ON - Canada

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[illegible]11x17 FORMAT
HALF SCALE

Project No: 20009

Scale: 1 : 300

Date: Feb. 04, 2020

Drawn by: FC

Drawing Title

SITE PLAN & STATS

Drawing
Number

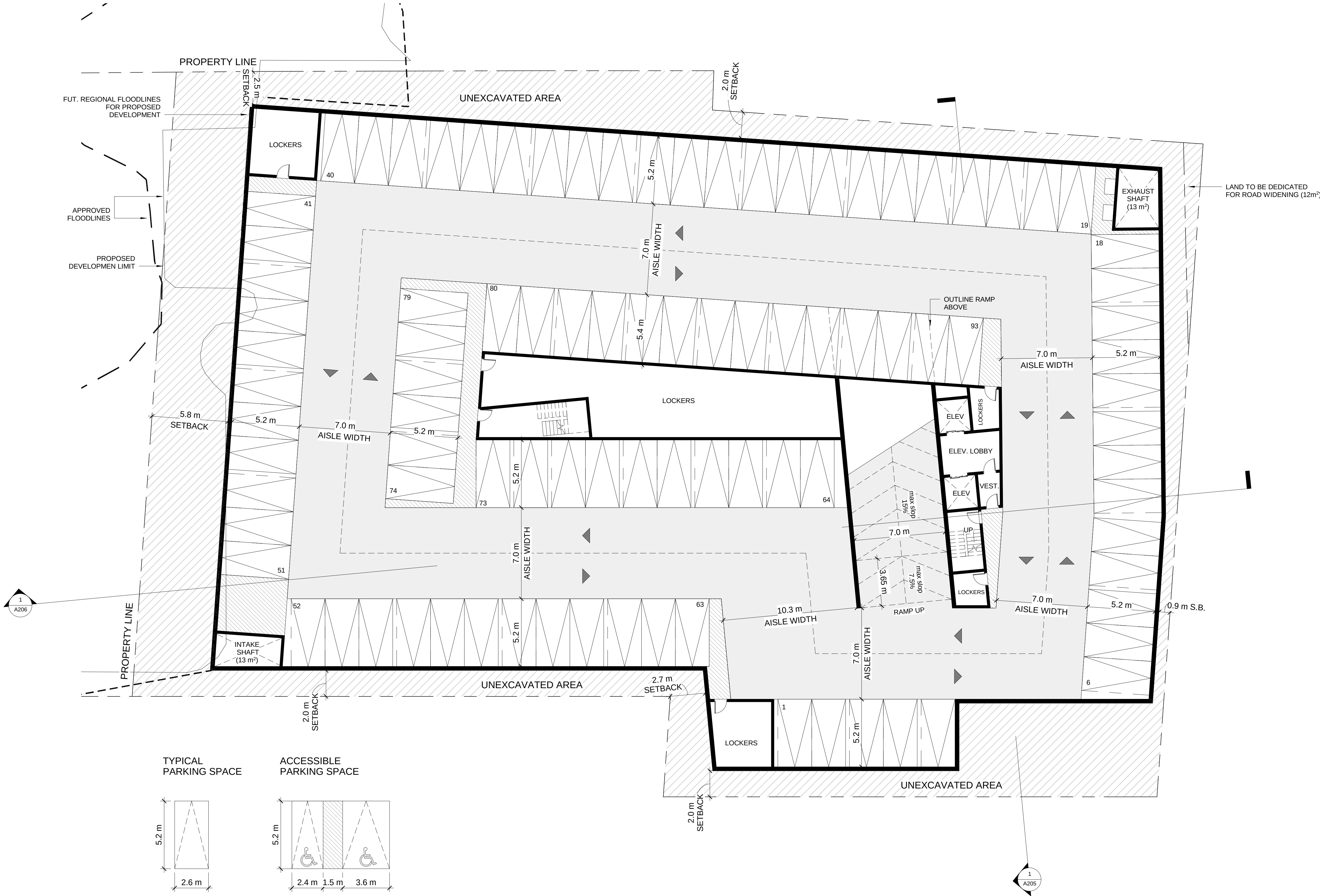
A001

3016
KIRWIN AVE

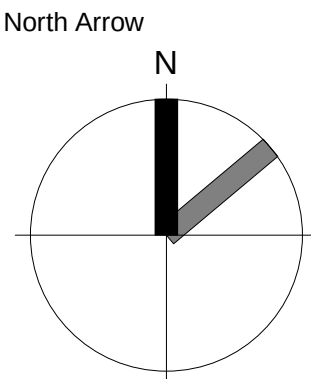
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Mississauga - ON - Canada

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No.	Description	Date
1	Issued for Review	2020/07/27
2	Issued for Review	2020/09/29
3	Issued for Review	2020/12/17
4	Issued for Review	2021/02/04
5	ISSUED FOR OPA/ZBA	2021/03/10



11x17 FORMAT
HALF SCALE



KFA
architects +
planners inc.

197 SPADINA AVE - SUITE 500
TORONTO - ON - M5T 2C8
416.633.6226
www.kfaarchitecture.com

Project No: 20009

Scale: 1 : 150

Date: Feb. 04, 2020

Drawn by: FC

Drawing Title

PARKING GARAGE
LEVEL 2

Drawing
Number

A101

3016-3022 Kirwin Avenue
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[illegible]

North Arrow

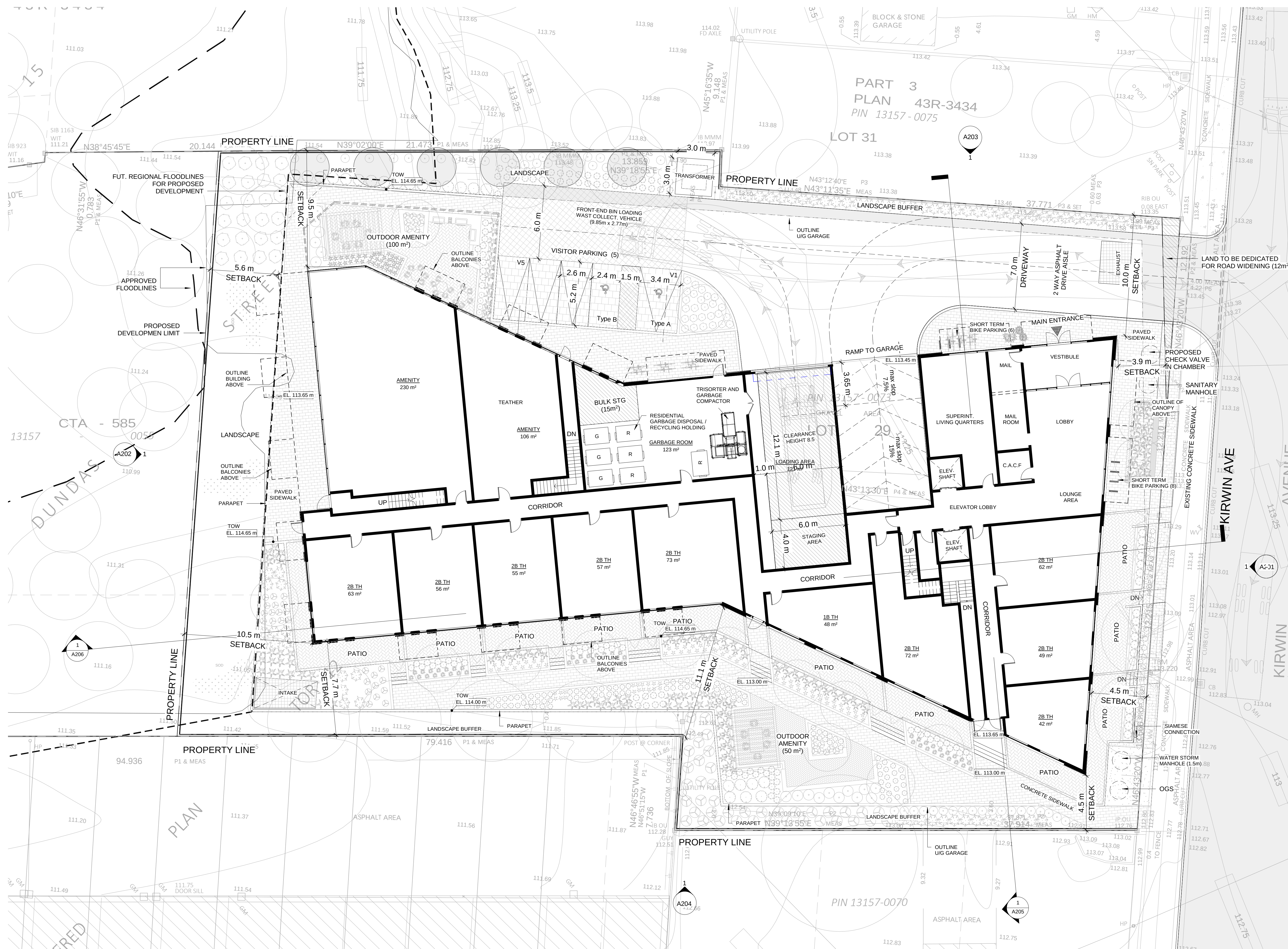
Stamp



Drawing Title

Drawing
Number

A103



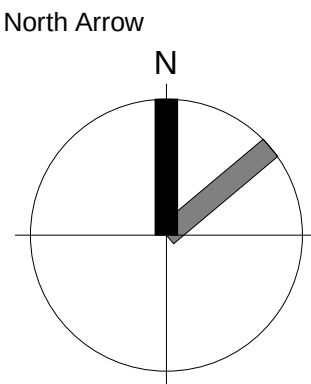
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2ND FLOOR PLAN

Drawing
Number

A104



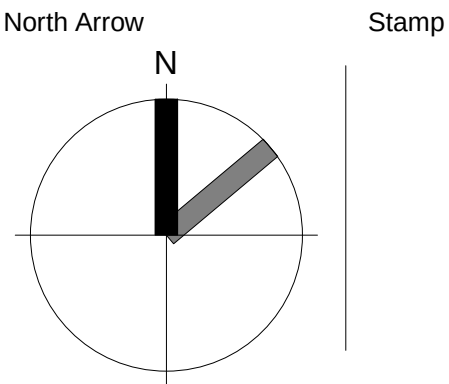
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3RD FLOOR PLAN

Drawing
Number

A105

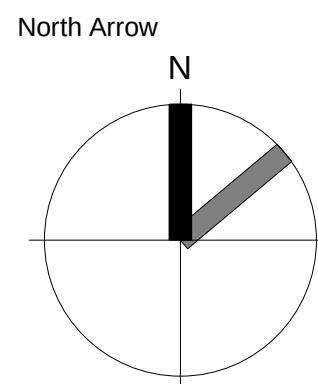


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Drawing Title

4TH FLOOR PLAN

Drawing
Number

A106

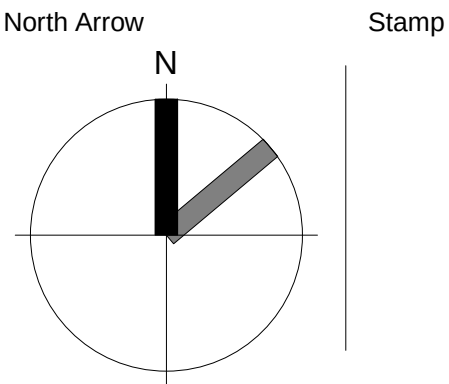
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Drawing Title

5TH FLOOR PLAN

Drawing
Number

A107



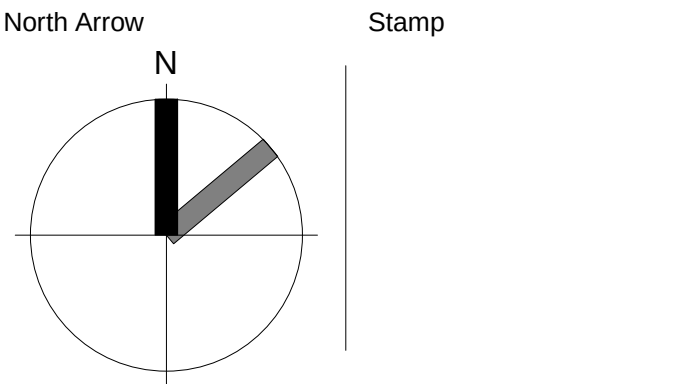
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6TH FLOOR PLAN

Drawing
Number

A108

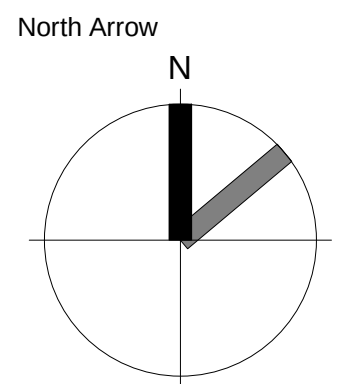


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Drawing Title

7TH FLOOR PLAN

Drawing
Number

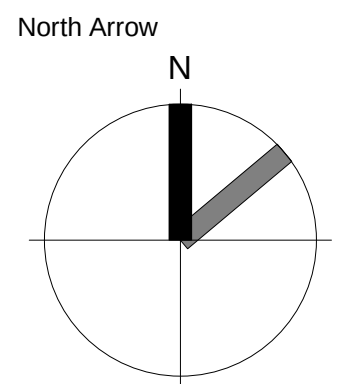
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Drawn by: _____ For: _____

Drawing Title

8TH FLOOR PLAN

Drawing
Number

A110

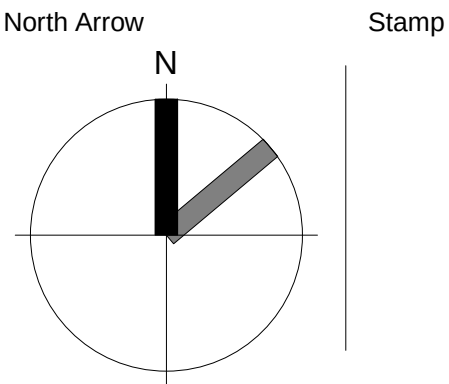
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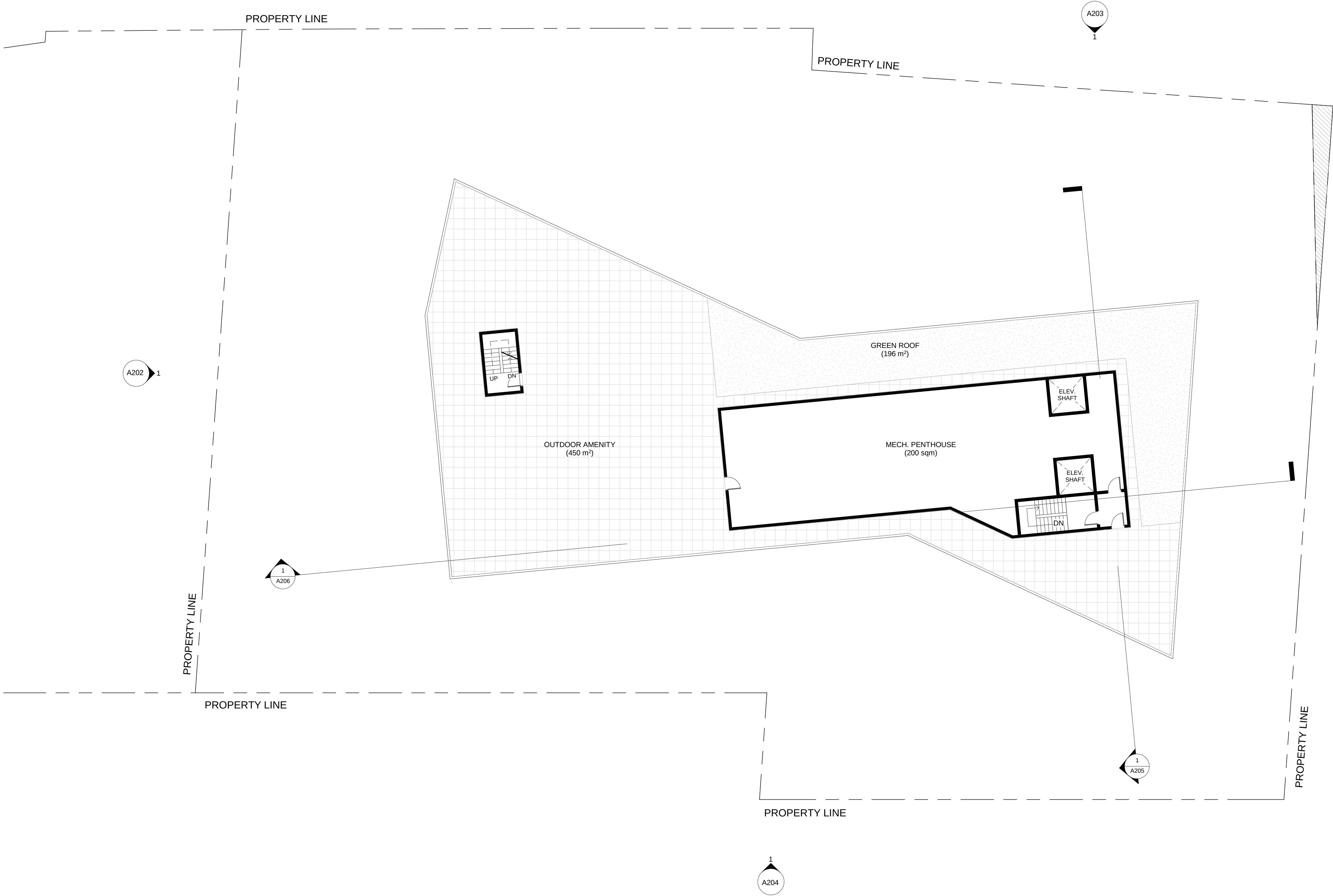
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Drawing Title

MECHANICAL
FLOOR PLAN

Drawing
Number

A111

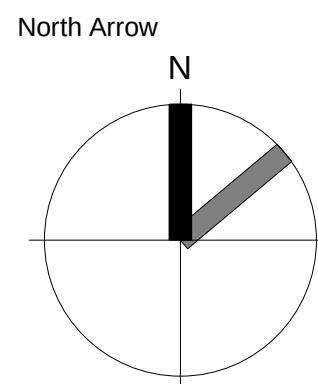


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Drawing Title

ROOF PLAN

Drawing
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Drawing Title

EAST ELEVATION

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A201



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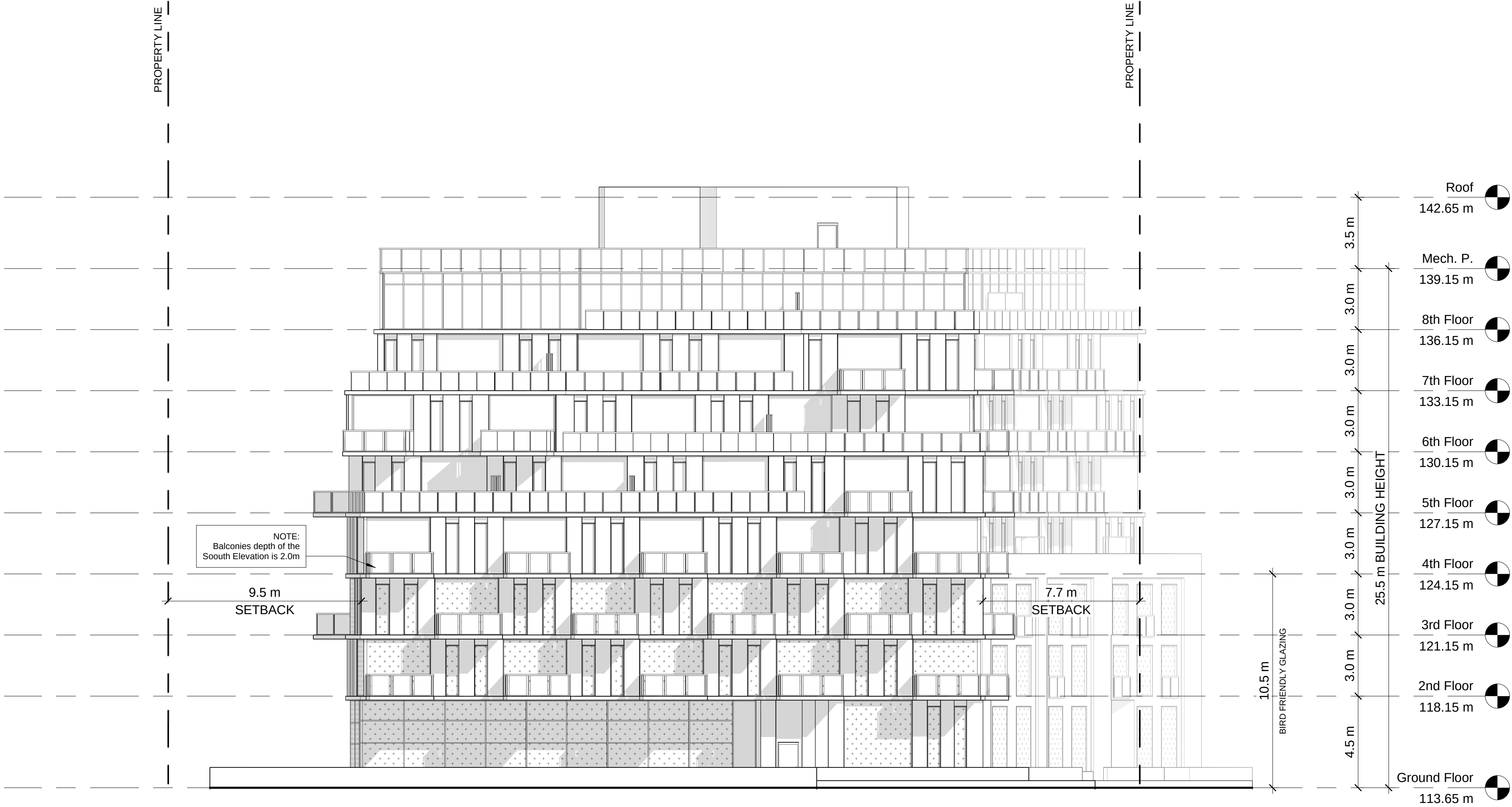
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Drawing Title

WEST ELEVATION

Drawing
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A202



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Drawing Title

NORTH ELEVATION

Drawing
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A203



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Drawn by:	FC
Drawing Title	

SOUTH ELEVATION

Drawing
Number

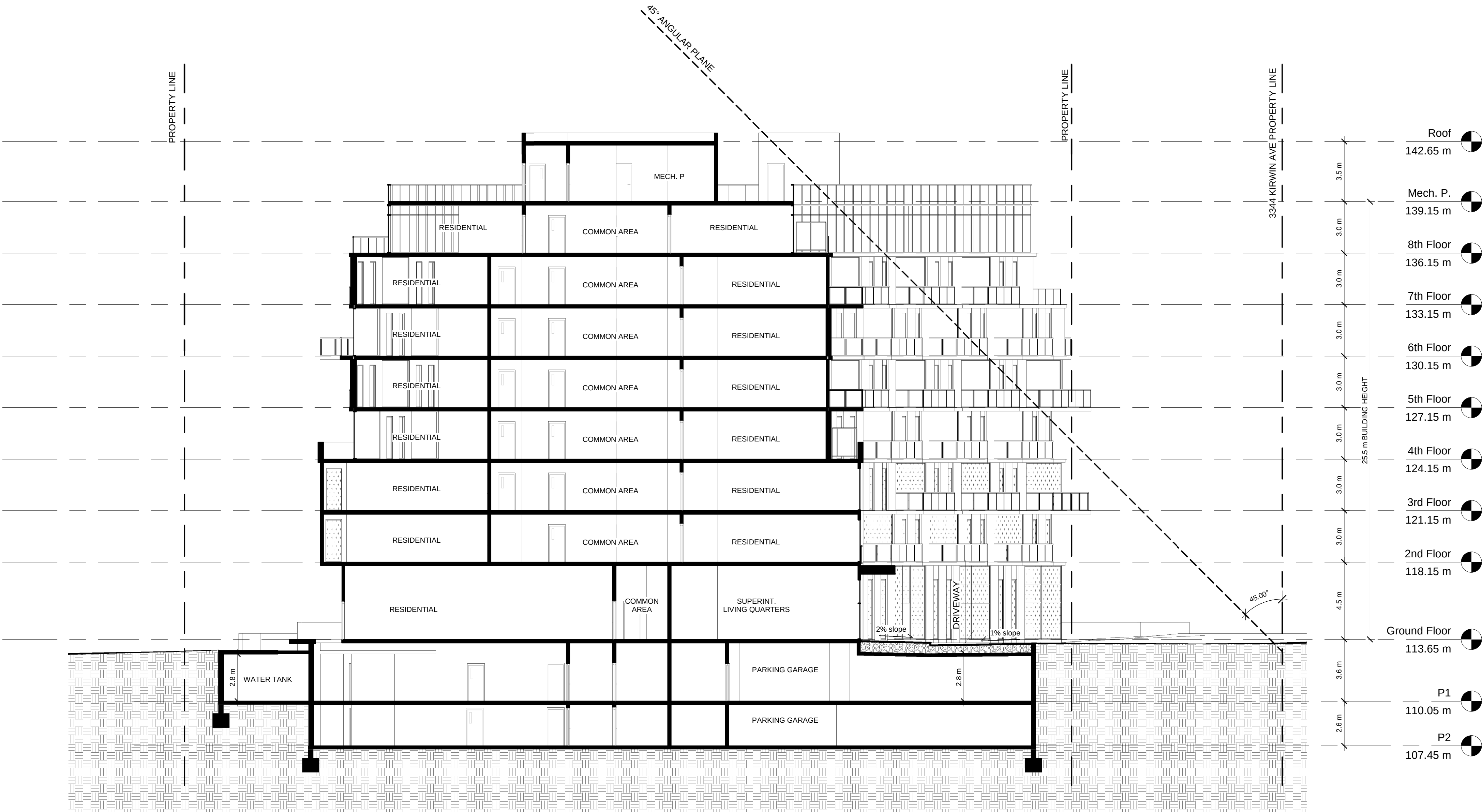
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SECTION 1 E/W

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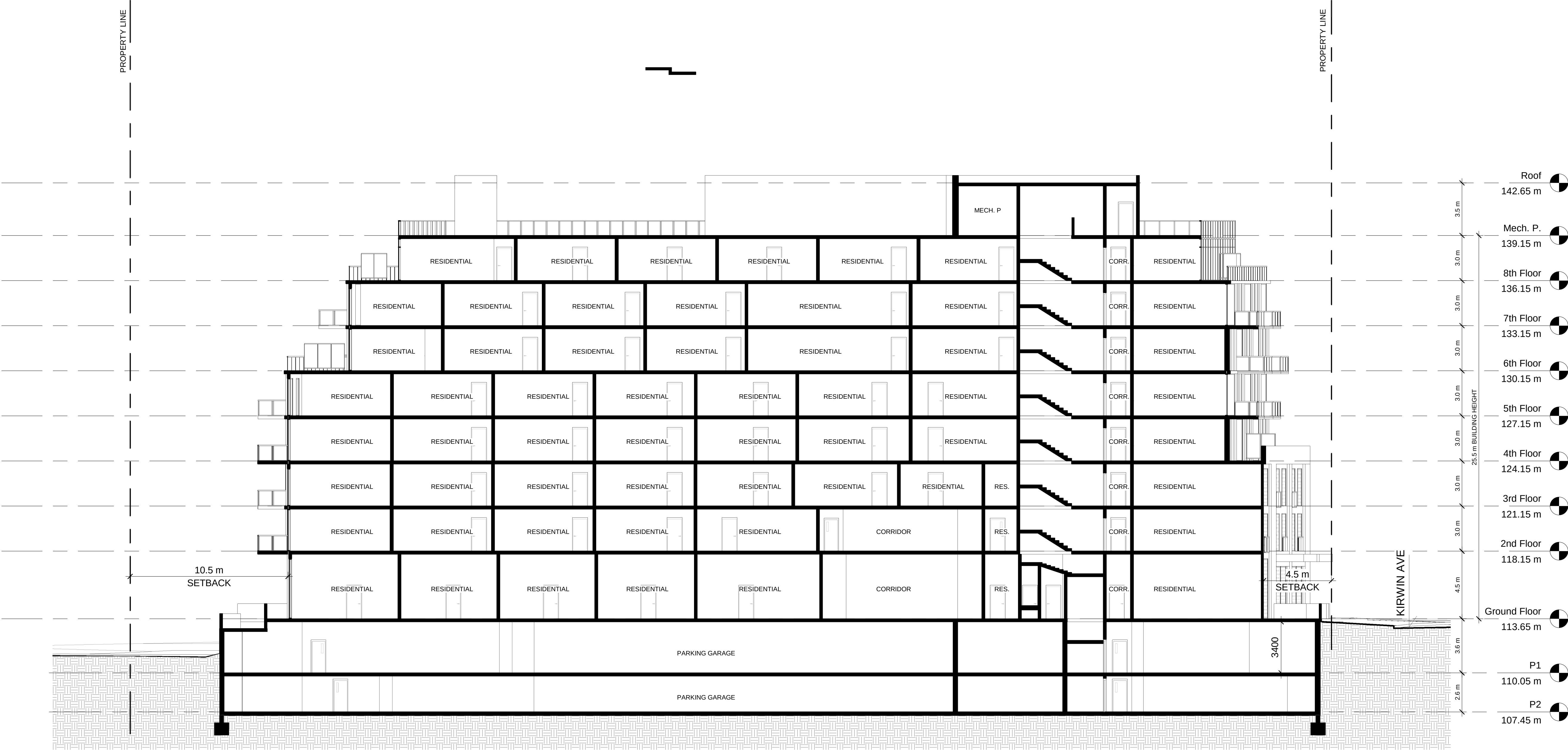
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Drawing Title

SECTION 2 N/S

Drawing
Number

A206



APPENDIX B

ROAD TRAFFIC DATA

Appendix B - Traffic Data (Peak Data - Dundas and Kirwin - AM)

Start Date: 30/05/2017

Start Time: 7:00:00 AM

CARS

	Kirwin Avenue Southbound				Dundas Street East Westbound				Camillia Road Northbound				Dundas Street East Eastbound			
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
07:00 AM	46	10	2	2	4	79	16	1	4	7	9	0	3	223	3	1
07:15 AM	37	11	3	3	6	89	14	2	3	8	12	0	2	287	10	3
07:30 AM	54	8	1	2	5	85	17	4	3	13	11	1	0	324	6	4
07:45 AM	61	19	4	3	11	85	25	2	4	20	13	3	0	342	5	4
08:00 AM	49	22	4	1	3	127	30	1	11	22	9	5	0	324	21	4
08:15 AM	47	22	4	2	10	113	19	1	12	28	16	5	2	281	24	6
08:30 AM	78	8	6	1	7	134	28	0	13	23	16	5	2	310	20	0
08:45 AM	62	20	6	6	13	151	33	0	12	20	16	2	1	262	27	7
TOTAL	236	72	20	10	33	525	110	2	48	93	57	17	5	1177	92	17

TRUCKS

	Kirwin Avenue Southbound				Dundas Street East Westbound				Camillia Road Northbound				Dundas Street East Eastbound			
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
07:00 AM	1	0	0	0	0	9	3	0	0	0	0	0	0	9	0	1
07:15 AM	0	0	0	0	0	8	0	1	0	0	0	0	0	11	2	0
07:30 AM	0	1	0	0	0	6	0	1	0	0	0	1	0	15	1	1
07:45 AM	0	2	1	0	2	10	1	1	1	0	2	1	2	5	0	0
08:00 AM	0	1	1	0	0	8	2	0	2	1	0	0	1	11	3	0
08:15 AM	2	1	1	1	0	7	0	0	2	2	1	0	0	7	2	0
08:30 AM	0	0	0	1	0	11	0	1	0	0	1	0	2	6	0	0
08:45 AM	0	2	0	1	0	5	1	2	1	0	0	0	0	10	0	1
TOTAL	2	4	2	3	0	31	3	3	5	3	2	0	3	34	5	1

BUSES

	Kirwin Avenue Southbound				Dundas Street East Westbound				Camillia Road Northbound				Dundas Street East Eastbound			
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
07:00 AM	0	0	0	0	0	3	0	1	0	0	0	0	0	2	0	0
07:15 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0
07:30 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0
07:45 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0
08:00 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0
08:15 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0
08:30 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0
08:45 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	4	0	0
TOTAL	0	0	0	0	0	10	0	0	0	0	0	0	0	12	0	0

Appendix B - Traffic Data (Peak Data - Dundas and Kirwin - PM)

Start Date: 30/05/2017

Start Time: 4:00:00 PM

CARS

Start Time	Kirwin Avenue Southbound				Dundas Street East Westbound				Camillia Road Northbound				Dundas Street East Eastbound			
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
04:00 PM	44	26	4	6	28	290	68	3	15	19	25	7	4	198	8	6
04:15 PM	36	16	10	5	26	297	88	5	9	28	12	4	5	189	12	3
04:30 PM	41	21	7	8	28	301	96	1	15	23	18	5	11	180	11	5
04:45 PM	54	23	6	5	30	308	88	6	12	34	13	7	6	196	8	7
05:00 PM	46	16	4	8	28	237	103	5	18	39	18	2	8	189	12	10
05:15 PM	43	24	10	0	19	287	89	0	11	24	15	1	11	218	11	3
05:30 PM	44	25	5	2	19	313	95	2	16	49	17	5	11	226	15	5
05:45 PM	47	30	15	6	32	273	108	6	12	24	21	7	10	206	16	6
TOTAL	180	95	34	16	98	1110	395	13	57	136	71	15	40	839	54	24

TRUCKS

Start Time	Kirwin Avenue Southbound				Dundas Street East Westbound				Camillia Road Northbound				Dundas Street East Eastbound			
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
04:00 PM	1	0	0	0	0	6	2	0	0	3	0	0	0	11	1	1
04:15 PM	0	1	0	0	0	4	3	1	0	1	1	0	0	3	0	0
04:30 PM	0	0	0	0	0	3	1	0	0	0	0	0	0	3	0	0
04:45 PM	0	1	0	0	0	5	2	1	0	1	2	1	0	8	0	0
05:00 PM	3	0	0	0	0	2	2	2	0	0	0	0	0	5	0	1
05:15 PM	0	0	0	0	2	5	1	0	0	1	0	0	0	5	0	0
05:30 PM	1	0	0	0	0	3	2	0	0	0	1	0	0	6	0	2
05:45 PM	0	1	0	0	0	4	0	0	0	0	0	2	0	6	1	0
TOTAL	4	1	0	0	2	14	5	2	0	1	1	2	0	22	1	3

BUSES

Start Time	Kirwin Avenue Southbound				Dundas Street East Westbound				Camillia Road Northbound				Dundas Street East Eastbound			
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
04:00 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0
04:15 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0
04:30 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0
04:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0
05:00 PM	0	0	0	0	0	4	1	0	0	0	0	0	0	3	0	0
05:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	5	0	0
05:30 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0
05:45 PM	0	0	0	0	0	4	0	0	0	0	0	0	0	3	0	0
TOTAL	0	0	0	0	0	12	1	0	0	0	0	0	0	12	0	0

Date: 23-Mar-17

NOISE REPORT FOR PROPOSED DEVELOPMENT

REQUESTED BY:

Name: Anthony Amarra

Company: Valacoustics



PREPARED BY:

Name: Jacqueline Hunter

Tel#: (905) 615-3200

Location: Dundas Street near Kirwin Avenue & Hurontario Street

Look Up ID#: 368

ON SITE TRAFFIC DATA

Specific	Street Names				
	Dundas Street	Kirwin Avenue	Hurontario Street		
AADT:	50,000	20,000	48,000		
# of Lanes:	6 lanes	4 lanes	4 lanes		
% Trucks:	7%	3%	10%		
Medium/Heavy Trucks Ratio:	55/45	55/45	55/45		
Day/Night Traffic Split:	90/10	90/10	90/10		
Posted Speed Limit:	50 /h	50 km/h	60 km/h		
Gradient of Road:	<2%	<2%	<2%		
Ultimate R O W:	35m	26m	35m		

Comments:

* Ultimate Traffic Only (2041 ADT)

Ultimate Data is based on the proposed LRT project along Hurontario Street with existing lanes converted from 6 to 4 lanes with 2 LRT lines in middle/both sides

. For more details, please call Matthew Williams (905) 615- 3200 ext. 5834

APPENDIX C

ENVIRONMENTAL NOISE GUIDELINES

ENVIRONMENTAL NOISE GUIDELINES

MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS (MECP)

Reference: MECP Publication NPC-300, October 2013: "Environmental Noise Guideline, Stationary and Transportation Source - Approval and Planning".

SPACE	SOURCE	TIME PERIOD	CRITERION
Living/dining, den areas of residences, hospitals, nursing homes, schools, daycare centres, etc.	Road Rail Aircraft	07:00 to 23:00 07:00 to 23:00 24-hour period	45 dBA 40 dBA NEF/NEP 5
Living/dining, den areas of residences, hospitals, nursing homes, etc. (except schools or daycare centres)	Road Rail Aircraft	23:00 to 07:00 23:00 to 07:00 24-hour period	45 dBA 40 dBA NEF/NEP 5
Sleeping quarters	Road Rail Aircraft	07:00 to 23:00 07:00 to 23:00 24-hour period	45 dBA 40 dBA NEF/NEP 0
Sleeping quarters	Road Rail Aircraft	23:00 to 07:00 23:00 to 07:00 24-hour period	40 dBA 35 dBA NEF/NEP 0
Outdoor Living Areas	Road and Rail	07:00 to 23:00	55 dBA up to 60 dBA allowed in some cases
Outdoor Point of Reception	Aircraft Stationary Source Class 1 Area Class 2 Area Class 3 Area Class 4 Area	24-hour period 07:00 to 19:00 ⁽¹⁾ 19:00 to 23:00 ⁽¹⁾ 07:00 to 19:00 ⁽²⁾ 19:00 to 23:00 ⁽²⁾ 07:00 to 19:00 ⁽³⁾ 19:00 to 23:00 ⁽³⁾ 07:00 to 19:00 ⁽⁴⁾ 19:00 to 23:00 ⁽⁴⁾	NEF/NEP 30 [#] 50 ⁺ dBA 50 ⁺ dBA 50 ⁺ dBA 45 ⁺ dBA 45 ⁺ dBA 40 ⁺ dBA 55 ⁺ dBA 55 ⁺ dBA

...../cont'd

SPACE	SOURCE	TIME PERIOD	CRITERION
Plane of a Window of Noise Sensitive Spaces	Stationary Source Class 1 Area	07:00 to 19:00 ⁽¹⁾	50 ⁺ dBA
		19:00 to 23:00 ⁽¹⁾	50 ⁺ dBA
		23:00 to 07:00 ⁽¹⁾	45 ⁺ dBA
	Class 2 Area	07:00 to 19:00 ⁽²⁾	50 ⁺ dBA
		19:00 to 23:00 ⁽²⁾	50 ⁺ dBA
		23:00 to 07:00 ⁽²⁾	45 ⁺ dBA
	Class 3 Area	07:00 to 19:00 ⁽³⁾	45 ⁺ dBA
		19:00 to 23:00 ⁽³⁾	45 ⁺ dBA
		23:00 to 07:00 ⁽³⁾	40 ⁺ dBA
	Class 4 Area	07:00 to 19:00 ⁽⁴⁾	60 ⁺ dBA
		19:00 to 23:00 ⁽⁴⁾	60 ⁺ dBA
		23:00 to 07:00 ⁽⁴⁾	55 ⁺ dBA

Notes:

- # may not apply to in-fill or re-development.
 * or the minimum hourly background sound level $L_{eq}(1)$, due to road traffic, if higher.
 (1) Class 1 Area : Urban
 (2) Class 2 Area : Urban during day; rural-like evening and night
 (3) Class 3 Area : Rural
 (4) Class 4 Area: Subject to land use planning authority's approval

APPENDIX D

SAMPLE CALCULATIONS –

TRANSPORTATION NOISE ANALYSIS

STAMSON 5.04 NORMAL REPORT Date: 22-04-2021 16:15:29
MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS / NOISE ASSESSMENT

Filename: 3_se_ef.te Time Period: Day/Night 16/8 hours

Description: 3rd floor - Southeast Corner - East Facade

Road data, segment # 1: Kirwin (day/night)

Car traffic volume : 17460/1940 veh/TimePeriod *
Medium truck volume : 297/33 veh/TimePeriod *
Heavy truck volume : 243/27 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

* Refers to calculated road volumes based on the following input:

24 hr Traffic Volume (AADT or SADT): 20000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 1.65
Heavy Truck % of Total Volume : 1.35
Day (16 hrs) % of Total Volume : 90.00

Data for Segment # 1: Kirwin (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 19.00 / 19.00 m
Receiver height : 10.00 / 10.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: Dundas WB (day/night)

Car traffic volume : 20925/2325 veh/TimePeriod *
Medium truck volume : 866/96 veh/TimePeriod *
Heavy truck volume : 709/79 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

* Refers to calculated road volumes based on the following input:

24 hr Traffic Volume (AADT or SADT): 25000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 3.85
Heavy Truck % of Total Volume : 3.15
Day (16 hrs) % of Total Volume : 90.00

Data for Segment # 2: Dundas WB (day/night)

```

-----
Angle1   Angle2       : -90.00 deg   0.00 deg
Wood depth      :          0       (No woods.)
No of house rows :          0 / 0
Surface         :          2       (Reflective ground surface)
Receiver source distance : 53.00 / 53.00 m
Receiver height  : 10.00 / 10.00 m
Topography      :          1       (Flat/gentle slope; no barrier)
Reference angle  :          0.00

```

Road data, segment # 3: Dundas EB (day/night)

```

-----
Car traffic volume : 20925/2325 veh/TimePeriod *
Medium truck volume : 866/96 veh/TimePeriod *
Heavy truck volume : 709/79 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient      : 2 %
Road pavement      : 1 (Typical asphalt or concrete)

```

* Refers to calculated road volumes based on the following input:

```

24 hr Traffic Volume (AADT or SADT): 25000
Percentage of Annual Growth         : 0.00
Number of Years of Growth           : 0.00
Medium Truck % of Total Volume      : 3.85
Heavy Truck % of Total Volume       : 3.15
Day (16 hrs) % of Total Volume      : 90.00

```

Data for Segment # 3: Dundas EB (day/night)

```

-----
Angle1   Angle2       : -90.00 deg   0.00 deg
Wood depth      :          0       (No woods.)
No of house rows :          0 / 0
Surface         :          2       (Reflective ground surface)
Receiver source distance : 64.00 / 64.00 m
Receiver height  : 10.00 / 10.00 m
Topography      :          1       (Flat/gentle slope; no barrier)
Reference angle  :          0.00

```

Results segment # 1: Kirwin (day)

Source height = 1.08 m

ROAD (0.00 + 65.14 + 0.00) = 65.14 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	66.17	0.00	-1.03	0.00	0.00	0.00	0.00	65.14

Segment Leq : 65.14 dBA

Results segment # 2: Dundas WB (day)

Source height = 1.33 m

ROAD (0.00 + 61.07 + 0.00) = 61.07 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.00	69.56	0.00	-5.48	-3.01	0.00	0.00	0.00	61.07

Segment Leq : 61.07 dBA

Results segment # 3: Dundas EB (day)

Source height = 1.33 m

ROAD (0.00 + 60.25 + 0.00) = 60.25 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.00	69.56	0.00	-6.30	-3.01	0.00	0.00	0.00	60.25

Segment Leq : 60.25 dBA

Total Leq All Segments: 67.49 dBA

Results segment # 1: Kirwin (night)

Source height = 1.08 m

ROAD (0.00 + 58.61 + 0.00) = 58.61 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	59.64	0.00	-1.03	0.00	0.00	0.00	0.00	58.61

Segment Leq : 58.61 dBA

Results segment # 2: Dundas WB (night)

Source height = 1.33 m

ROAD (0.00 + 54.54 + 0.00) = 54.54 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.00	63.03	0.00	-5.48	-3.01	0.00	0.00	0.00	54.54

Segment Leq : 54.54 dBA

Results segment # 3: Dundas EB (night)

Source height = 1.33 m

ROAD (0.00 + 53.72 + 0.00) = 53.72 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.00	63.03	0.00	-6.30	-3.01	0.00	0.00	0.00	53.72

Segment Leq : 53.72 dBA

Total Leq All Segments: 60.96 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 67.49
(NIGHT): 60.96

APPENDIX E

SAMPLE CALCULATIONS –

STATIONARY SOURCE ANALYSIS

Point Source Table

Name	M.	ID	Result, PWL			Lw / Li			Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Height		Coordinates		
			Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	norm. dB(A)	Day dB(A)	Evening dB(A)	Night dB(A)	R	Area (m²)		Day (min)	Special (min)	Night (min)	(dB)	(Hz)		(m)		X (m)	Y (m)	Z (m)
Air Conditioner #01		C1_AC01	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	2.90	r	611894.75	4826491.13	2.90
Air Conditioner #02		C1_AC02	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	2.90	r	611898.07	4826495.20	2.90
Air Conditioner #03		C1_AC03	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	3.20	r	611907.86	4826507.21	3.20
Air Conditioner #04		C1_AC04	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	2.70	r	611914.52	4826515.39	2.70
Air Conditioner #05		C1_AC05	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	2.90	r	611923.76	4826526.73	2.90
Rooftop Condenser Unit #01		C1_CU01	69.2	69.2	69.2	Lw	RCU01		0.0	0.0	0.0							0.0		(none)	1.20	g	611891.24	4826473.52	7.20
Rooftop Condenser Unit #02		C1_CU02	63.8	63.8	63.8	Lw	RCU02		0.0	0.0	0.0							0.0		(none)	1.20	g	611892.24	4826478.19	7.20
Rooftop Exhaust Fan #1		C1_EF01	83.7	83.7	83.7	Lw	EF		0.0	0.0	0.0				60.00	60.00	0.00	0.0		(none)	1.75	g	611889.11	4826481.02	7.75
Rooftop Exhaust Fan #2		C1_EF02	83.7	83.7	83.7	Lw	EF		0.0	0.0	0.0							0.0		(none)	1.75	g	611894.35	4826487.16	7.75
Rooftop Exhaust Fan #3		C1_EF03	83.7	83.7	83.7	Lw	EF		0.0	0.0	0.0							0.0		(none)	1.75	g	611933.76	4826533.96	7.75
NW Facade Exhaust Fan #04		C1_EF04	75.4	75.4	75.4	Lw	NW_EF04		0.0	0.0	0.0				60.00	60.00	0.00	0.0		(none)	2.10	r	611934.32	4826539.68	2.10
NW Facade Exhaust Fan #05		C1_EF05	78.5	78.5	78.5	Lw	NW_EF05		0.0	0.0	0.0				60.00	60.00	0.00	0.0		(none)	2.00	r	611937.48	4826543.57	2.00
NE Facade Exhaust Fan #06		C1_EF06	68.1	68.1	68.1	Lw	NE_EF		0.0	0.0	0.0				60.00	60.00	0.00	0.0		(none)	1.50	r	611944.00	4826541.08	1.50
Exhaust Pipe System		C1_EPS	71.6	71.6	71.6	Lw	EPS		0.0	0.0	0.0							0.0		(none)	1.60	r	611900.79	4826498.54	1.60
Rooftop HVAC Unit #01		C1_RTU01	79.7	79.7	79.7	Lw	ICP_HVAC		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.35	g	611887.69	4826474.56	7.35
Rooftop HVAC Unit #02		C1_RTU02	73.4	73.4	73.4	Lw	RTU02		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	0.50	g	611925.21	4826526.42	6.50
Exhaust Fan #01	~	C2_EF07	83.7	83.7	83.7	Lw	XRUB_141_7_6		0.0	0.0	0.0				60.00	60.00	0.00	0.0		(none)	1.50	g	611981.94	4826600.07	6.00
Exhaust Fan #02	~	C2_EF08	83.7	83.7	83.7	Lw	XRUB_141_7_6		0.0	0.0	0.0				60.00	60.00	0.00	0.0		(none)	1.50	g	611988.48	4826595.25	6.00
Exhaust Fan #03	~	C2_EF09	83.7	83.7	83.7	Lw	EF		0.0	0.0	0.0							0.0		(none)	1.50	g	612017.73	4826597.78	6.00
Rooftop Unit #03	~	C2_RTU03	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	611974.50	4826612.89	5.70
Rooftop Unit #04	~	C2_RTU04	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	611978.76	4826608.79	5.70
Rooftop Unit #05	~	C2_RTU05	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	611982.88	4826604.52	5.70
Rooftop Unit #06	~	C2_RTU06	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	611991.57	4826596.42	5.70
Rooftop Unit #07	~	C2_RTU07	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	611993.46	4826589.66	5.70
Rooftop Unit #08	~	C2_RTU08	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	612003.39	4826591.41	5.70
Rooftop Unit #09	~	C2_RTU09	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	612006.45	4826594.18	5.70
Rooftop Unit #10	~	C2_RTU10	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	612012.42	4826600.15	5.70
Rooftop Unit #11	~	C2_RTU11	75.6	75.6	75.6	Lw	Lennox_4T		0.0	0.0	0.0				60.00	60.00	30.00	0.0		(none)	1.20	g	612015.11	4826600.15	5.70
Rooftop Exhaust Fan #2	~	Opt1_C1_EF02	81.0	81.0	81.0	Lw	EF	81.0	0.0	0.0	0.0							0.0		(none)	1.75	g	611894.35	4826487.16	7.75
Rooftop Exhaust Fan #3	~	Opt1_C1_EF03	76.0	76.0	76.0	Lw	EF	76.0	0.0	0.0	0.0							0.0		(none)	1.75	g	611933.76	4826533.96	7.75

Sound Level Library

Name	ID	Type	Oktave Spectrum (dB)												Source	
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin		
ICP Heating/Cooling Rooftop HVAC Unit #01	ICP_HVAC	Lw			62.2	69.3	71.5	74.7	76.2	72.9	68.7	61.5	79.7	80.9	Manufacturer's Data - PGH Series	
Rooftop Exhaust Fans - Delhi	EF	Lw		81.3	82.7	88.2	81.8	81.0	77.3	75.9	73.4	68.5	83.7	91.4	VCL Measurement - 2017-06-01	
Rooftop Condenser Unit #01	RCU01	Lw		73.5	78.7	69.6	65.7	64.7	65.8	61.1	55.0	48.8	69.2	80.7	VCL Measurement - 2017-06-01	
Rooftop Condenser Unit #02	RCU02	Lw		67.1	72.8	68.3	62.4	59.9	60.6	52.8	47.5	39.9	63.8	75.4	VCL Measurement - 2017-06-01	
Rheen Rooftop HVAC Unit #02	RTU02	Lw		75.8	74.9	74.7	72.1	70.0	68.2	65.2	62.9	57.4	73.4	81.4	VCL Measurement - 2017-06-01	
Northeast Building Side Exhaust Fan	NE_EF	Lw		72.0	75.5	73.2	67.9	65.1	62.9	59.4	53.4	46.5	68.1	79.3	VCL Measurement - 2017-06-01	
At-Grade Exhaust Pipe System	EPS	Lw		72.2	70.0	68.9	73.3	67.8	67.5	62.4	55.6	48.3	71.6	78.4	VCL Measurement - 2017-06-01	
Northwest Building Facade Exhaust Fan #04	NW_EF04	Lw		78.2	79.2	78.3	74.2	72.2	70.5	67.5	62.6	56.8	75.4	84.5	VCL Measurement - 2017-06-01	
Northwest Building Facade Exhaust Fan #05	NW_EF05	Lw		76.6	81.6	81.7	81.6	76.6	72.2	66.9	59.9	55.8	78.5	87.4	VCL Measurement - 2017-06-01	
Rooftop Unit - 4 ton - Lennox	Lennox_4T	Lw				79.1	74.6	73.2	71.0	66.8	61.0	54.1	75.6	81.8	Lennox manufacturer's data LGH 048	
Exhaust Stack	ExF	Lw		101.9	94.2	93.0	94.2	91.8	86.9	82.5	74.9	66.3	92.8	104.0	2017-03-22 VCL measurements	
Accurex XRUB-141-7-6	XRUB_141_7_6	Lw (c)		80.9	75.9	92.6	81.3	82.1	77.3	73.5	68.5	65.0	83.7	93.7	Sound Measurements - Feb 5, 2013	

Calculation Configuration

Configuration	
Parameter	Value
General	
Country	(user defined)
Max. Error (dB)	0.00

Configuration	
Parameter	Value
Max. Search Radius (#(Unit,LEN))	2000.00
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (#(Unit,LEN))	1000.00
Min. Length of Section (#(Unit,LEN))	1.00
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Reference Time Day (min)	960.00
Reference Time Night (min)	480.00
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	0.00
Night-time Penalty (dB)	0.00
DTM	
Standard Height (m)	0.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rcvr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Excl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (#(Unit,TEMP))	10
rel. Humidity (%)	70
Ground Absorption G	0.00
Wind Speed for Dir. (#(Unit,SPEED))	3.0
Roads (RLS-90)	
Strictly acc. to RLS-90	
Railways (Schall 03 (1990))	
Strictly acc. to Schall 03 / Schall-Transrapid	
Aircraft (???)	
Strictly acc. to AzB	

Receiver

Name: Southeast Grade Level

ID: R_OPOR_3

X: 611932.64 m

Y: 4826559.11 m

Z: 1.50 m

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #05", ID: "C1_EF05"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
4	611937.48	4826543.57	2.00	0	D	32	37.2	0.0	0.0	0.0	0.0	35.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-2.8
4	611937.48	4826543.57	2.00	0	D	63	55.4	0.0	0.0	0.0	0.0	35.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	15.4
4	611937.48	4826543.57	2.00	0	D	125	65.6	0.0	0.0	0.0	0.0	35.2	0.0	-2.1	0.0	0.0	6.9	0.0	0.0	25.6
4	611937.48	4826543.57	2.00	0	D	250	73.0	0.0	0.0	0.0	0.0	35.2	0.0	-1.3	0.0	0.0	6.1	0.0	0.0	33.0
4	611937.48	4826543.57	2.00	0	D	500	73.4	0.0	0.0	0.0	0.0	35.2	0.0	-1.8	0.0	0.0	6.5	0.0	0.0	33.4
4	611937.48	4826543.57	2.00	0	D	1000	72.2	0.0	0.0	0.0	0.0	35.2	0.1	-2.2	0.0	0.0	7.0	0.0	0.0	32.1
4	611937.48	4826543.57	2.00	0	D	2000	68.1	0.0	0.0	0.0	0.0	35.2	0.2	-2.3	0.0	0.0	7.0	0.0	0.0	27.9
4	611937.48	4826543.57	2.00	0	D	4000	60.9	0.0	0.0	0.0	0.0	35.2	0.5	-2.3	0.0	0.0	7.0	0.0	0.0	20.4
4	611937.48	4826543.57	2.00	0	D	8000	54.7	0.0	0.0	0.0	0.0	35.2	1.9	-2.3	0.0	0.0	7.0	0.0	0.0	12.8
4	611937.48	4826543.57	2.00	0	N	32	37.2	0.0	-188.0	0.0	0.0	35.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-190.8
4	611937.48	4826543.57	2.00	0	N	63	55.4	0.0	-188.0	0.0	0.0	35.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-172.6
4	611937.48	4826543.57	2.00	0	N	125	65.6	0.0	-188.0	0.0	0.0	35.2	0.0	-2.1	0.0	0.0	6.9	0.0	0.0	-162.4
4	611937.48	4826543.57	2.00	0	N	250	73.0	0.0	-188.0	0.0	0.0	35.2	0.0	-1.3	0.0	0.0	6.1	0.0	0.0	-155.0
4	611937.48	4826543.57	2.00	0	N	500	73.4	0.0	-188.0	0.0	0.0	35.2	0.0	-1.8	0.0	0.0	6.5	0.0	0.0	-154.6
4	611937.48	4826543.57	2.00	0	N	1000	72.2	0.0	-188.0	0.0	0.0	35.2	0.1	-2.2	0.0	0.0	7.0	0.0	0.0	-155.9
4	611937.48	4826543.57	2.00	0	N	2000	68.1	0.0	-188.0	0.0	0.0	35.2	0.2	-2.3	0.0	0.0	7.0	0.0	0.0	-160.1
4	611937.48	4826543.57	2.00	0	N	4000	60.9	0.0	-188.0	0.0	0.0	35.2	0.5	-2.3	0.0	0.0	7.0	0.0	0.0	-167.6
4	611937.48	4826543.57	2.00	0	N	8000	54.7	0.0	-188.0	0.0	0.0	35.2	1.9	-2.3	0.0	0.0	7.0	0.0	0.0	-175.2
4	611937.48	4826543.57	2.00	0	E	32	37.2	0.0	0.0	0.0	0.0	35.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-2.8
4	611937.48	4826543.57	2.00	0	E	63	55.4	0.0	0.0	0.0	0.0	35.2	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	15.4
4	611937.48	4826543.57	2.00	0	E	125	65.6	0.0	0.0	0.0	0.0	35.2	0.0	-2.1	0.0	0.0	6.9	0.0	0.0	25.6
4	611937.48	4826543.57	2.00	0	E	250	73.0	0.0	0.0	0.0	0.0	35.2	0.0	-1.3	0.0	0.0	6.1	0.0	0.0	33.0
4	611937.48	4826543.57	2.00	0	E	500	73.4	0.0	0.0	0.0	0.0	35.2	0.0	-1.8	0.0	0.0	6.5	0.0	0.0	33.4
4	611937.48	4826543.57	2.00	0	E	1000	72.2	0.0	0.0	0.0	0.0	35.2	0.1	-2.2	0.0	0.0	7.0	0.0	0.0	32.1
4	611937.48	4826543.57	2.00	0	E	2000	68.1	0.0	0.0	0.0	0.0	35.2	0.2	-2.3	0.0	0.0	7.0	0.0	0.0	27.9
4	611937.48	4826543.57	2.00	0	E	4000	60.9	0.0	0.0	0.0	0.0	35.2	0.5	-2.3	0.0	0.0	7.0	0.0	0.0	20.4
4	611937.48	4826543.57	2.00	0	E	8000	54.7	0.0	0.0	0.0	0.0	35.2	1.9	-2.3	0.0	0.0	7.0	0.0	0.0	12.8
7	611937.48	4826543.57	2.00	1	D	32	37.2	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	19.9	0.0	2.0	-24.6
7	611937.48	4826543.57	2.00	1	D	63	55.4	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	22.8	0.0	2.0	-9.4
7	611937.48	4826543.57	2.00	1	D	125	65.6	0.0	0.0	0.0	0.0	42.9	0.0	-2.5	0.0	0.0	25.3	0.0	2.0	-2.2
7	611937.48	4826543.57	2.00	1	D	250	73.0	0.0	0.0	0.0	0.0	42.9	0.0	-1.7	0.0	0.0	26.7	0.0	2.0	3.0
7	611937.48	4826543.57	2.00	1	D	500	73.4	0.0	0.0	0.0	0.0	42.9	0.1	-2.1	0.0	0.0	27.1	0.0	2.0	3.4
7	611937.48	4826543.57	2.00	1	D	1000	72.2	0.0	0.0	0.0	0.0	42.9	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	2.1
7	611937.48	4826543.57	2.00	1	D	2000	68.1	0.0	0.0	0.0	0.0	42.9	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-2.2
7	611937.48	4826543.57	2.00	1	D	4000	60.9	0.0	0.0	0.0	0.0	42.9	1.3	-2.6	0.0	0.0	27.6	0.0	2.0	-10.3
7	611937.48	4826543.57	2.00	1	D	8000	54.7	0.0	0.0	0.0	0.0	42.9	4.6	-2.6	0.0	0.0	27.6	0.0	2.0	-19.8
7	611937.48	4826543.57	2.00	1	N	32	37.2	0.0	-188.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	19.9	0.0	2.0	-212.6
7	611937.48	4826543.57	2.00	1	N	63	55.4	0.0	-188.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	22.8	0.0	2.0	-197.4
7	611937.48	4826543.57	2.00	1	N	125	65.6	0.0	-188.0	0.0	0.0	42.9	0.0	-2.5	0.0	0.0	25.3	0.0	2.0	-190.2
7	611937.48	4826543.57	2.00	1	N	250	73.0	0.0	-188.0	0.0	0.0	42.9	0.0	-1.7	0.0	0.0	26.7	0.0	2.0	-185.0
7	611937.48	4826543.57	2.00	1	N	500	73.4	0.0	-188.0	0.0	0.0	42.9	0.1	-2.1	0.0	0.0	27.1	0.0	2.0	-184.6
7	611937.48	4826543.57	2.00	1	N	1000	72.2	0.0	-188.0	0.0	0.0	42.9	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	-185.9
7	611937.48	4826543.57	2.00	1	N	2000	68.1	0.0	-188.0	0.0	0.0	42.9	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-190.2
7	611937.48	4826543.57	2.00	1	N	4000	60.9	0.0	-188.0	0.0	0.0	42.9	1.3	-2.6	0.0	0.0	27.6	0.0	2.0	-198.3
7	611937.48	4826543.57	2.00	1	N	8000	54.7	0.0	-188.0	0.0	0.0	42.9	4.6	-2.6	0.0	0.0	27.6	0.0	2.0	-207.8
7	611937.48	4826543.57	2.00	1	E	32	37.2	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	19.9	0.0	2.0	-24.6
7	611937.48	4826543.57	2.00	1	E	63	55.4	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	22.8	0.0	2.0	-9.4
7	611937.48	4826543.57	2.00	1	E	125	65.6	0.0	0.0	0.0	0.0	42.9	0.0	-2.5	0.0	0.0	25.3	0.0	2.0	-2.2
7	611937.48	4826543.57	2.00	1	E	250	73.0	0.0	0.0	0.0	0.0	42.9	0.0	-1.7	0.0	0.0	26.7	0.0	2.0	3.0
7	611937.48	4826543.57	2.00	1	E	500	73.4	0.0	0.0	0.0	0.0	42.9	0.1	-2.1	0.0	0.0	27.1	0.0	2.0	3.4
7	611937.48	4826543.57	2.00	1	E	1000	72.2	0.0	0.0	0.0	0.0	42.9	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	2.1
7	611937.48	4826543.57	2.00	1	E	2000	68.1	0.0	0.0	0.0	0.0	42.9	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-2.2
7	611937.48	4826543.57	2.00	1	E	4000	60.9	0.0	0.0	0.0	0.0	42.9	1.3	-2.6	0.0	0.0	27.6	0.0	2.0	-10.3
7	611937.48	4826543.57	2.00	1	E	8000	54.7	0.0	0.0	0.0	0.0	42.9	4.6	-2.6	0.0	0.0	27.6	0.0	2.0	-19.8

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #05", ID: "C1_EF05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
8	611937.48	4826543.57	2.00	1	D	32	37.2	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	19.2	0.0	2.0	-24.1
8	611937.48	4826543.57	2.00	1	D	63	55.4	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	22.0	0.0	2.0	-8.8
8	611937.48	4826543.57	2.00	1	D	125	65.6	0.0	0.0	0.0	0.0	43.2	0.0	-2.6	0.0	0.0	24.7	0.0	2.0	-1.7
8	611937.48	4826543.57	2.00	1	D	250	73.0	0.0	0.0	0.0	0.0	43.2	0.0	-1.9	0.0	0.0	26.9	0.0	2.0	2.8
8	611937.48	4826543.57	2.00	1	D	500	73.4	0.0	0.0	0.0	0.0	43.2	0.1	-2.3	0.0	0.0	27.3	0.0	2.0	3.2
8	611937.48	4826543.57	2.00	1	D	1000	72.2	0.0	0.0	0.0	0.0	43.2	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	1.9
8	611937.48	4826543.57	2.00	1	D	2000	68.1	0.0	0.0	0.0	0.0	43.2	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-2.5
8	611937.48	4826543.57	2.00	1	D	4000	60.9	0.0	0.0	0.0	0.0	43.2	1.3	-2.7	0.0	0.0	27.7	0.0	2.0	-10.6
8	611937.48	4826543.57	2.00	1	D	8000	54.7	0.0	0.0	0.0	0.0	43.2	4.7	-2.7	0.0	0.0	27.7	0.0	2.0	-20.2
8	611937.48	4826543.57	2.00	1	N	32	37.2	0.0	-188.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	19.2	0.0	2.0	-212.1
8	611937.48	4826543.57	2.00	1	N	63	55.4	0.0	-188.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	22.0	0.0	2.0	-196.8
8	611937.48	4826543.57	2.00	1	N	125	65.6	0.0	-188.0	0.0	0.0	43.2	0.0	-2.6	0.0	0.0	24.7	0.0	2.0	-189.7
8	611937.48	4826543.57	2.00	1	N	250	73.0	0.0	-188.0	0.0	0.0	43.2	0.0	-1.9	0.0	0.0	26.9	0.0	2.0	-185.2
8	611937.48	4826543.57	2.00	1	N	500	73.4	0.0	-188.0	0.0	0.0	43.2	0.1	-2.3	0.0	0.0	27.3	0.0	2.0	-184.8
8	611937.48	4826543.57	2.00	1	N	1000	72.2	0.0	-188.0	0.0	0.0	43.2	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	-186.1
8	611937.48	4826543.57	2.00	1	N	2000	68.1	0.0	-188.0	0.0	0.0	43.2	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-190.5
8	611937.48	4826543.57	2.00	1	N	4000	60.9	0.0	-188.0	0.0	0.0	43.2	1.3	-2.7	0.0	0.0	27.7	0.0	2.0	-198.6
8	611937.48	4826543.57	2.00	1	N	8000	54.7	0.0	-188.0	0.0	0.0	43.2	4.7	-2.7	0.0	0.0	27.7	0.0	2.0	-208.2
8	611937.48	4826543.57	2.00	1	E	32	37.2	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	19.2	0.0	2.0	-24.1
8	611937.48	4826543.57	2.00	1	E	63	55.4	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	22.0	0.0	2.0	-8.8
8	611937.48	4826543.57	2.00	1	E	125	65.6	0.0	0.0	0.0	0.0	43.2	0.0	-2.6	0.0	0.0	24.7	0.0	2.0	-1.7
8	611937.48	4826543.57	2.00	1	E	250	73.0	0.0	0.0	0.0	0.0	43.2	0.0	-1.9	0.0	0.0	26.9	0.0	2.0	2.8
8	611937.48	4826543.57	2.00	1	E	500	73.4	0.0	0.0	0.0	0.0	43.2	0.1	-2.3	0.0	0.0	27.3	0.0	2.0	3.2
8	611937.48	4826543.57	2.00	1	E	1000	72.2	0.0	0.0	0.0	0.0	43.2	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	1.9
8	611937.48	4826543.57	2.00	1	E	2000	68.1	0.0	0.0	0.0	0.0	43.2	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-2.5
8	611937.48	4826543.57	2.00	1	E	4000	60.9	0.0	0.0	0.0	0.0	43.2	1.3	-2.7	0.0	0.0	27.7	0.0	2.0	-10.6
8	611937.48	4826543.57	2.00	1	E	8000	54.7	0.0	0.0	0.0	0.0	43.2	4.7	-2.7	0.0	0.0	27.7	0.0	2.0	-20.2
11	611937.48	4826543.57	2.00	1	D	32	37.2	0.0	0.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	19.1	0.0	2.0	-23.1
11	611937.48	4826543.57	2.00	1	D	63	55.4	0.0	0.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	22.0	0.0	2.0	-7.8
11	611937.48	4826543.57	2.00	1	D	125	65.6	0.0	0.0	0.0	0.0	42.2	0.0	-2.4	0.0	0.0	22.4	0.0	2.0	1.4
11	611937.48	4826543.57	2.00	1	D	250	73.0	0.0	0.0	0.0	0.0	42.2	0.0	-1.6	0.0	0.0	21.6	0.0	2.0	8.7
11	611937.48	4826543.57	2.00	1	D	500	73.4	0.0	0.0	0.0	0.0	42.2	0.1	-2.0	0.0	0.0	22.0	0.0	2.0	9.1
11	611937.48	4826543.57	2.00	1	D	1000	72.2	0.0	0.0	0.0	0.0	42.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	2.9
11	611937.48	4826543.57	2.00	1	D	2000	68.1	0.0	0.0	0.0	0.0	42.2	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.5
11	611937.48	4826543.57	2.00	1	D	4000	60.9	0.0	0.0	0.0	0.0	42.2	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-9.5
11	611937.48	4826543.57	2.00	1	D	8000	54.7	0.0	0.0	0.0	0.0	42.2	4.2	-2.6	0.0	0.0	27.6	0.0	2.0	-18.8
11	611937.48	4826543.57	2.00	1	N	32	37.2	0.0	-188.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	19.1	0.0	2.0	-211.1
11	611937.48	4826543.57	2.00	1	N	63	55.4	0.0	-188.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	22.0	0.0	2.0	-195.8
11	611937.48	4826543.57	2.00	1	N	125	65.6	0.0	-188.0	0.0	0.0	42.2	0.0	-2.4	0.0	0.0	22.4	0.0	2.0	-186.6
11	611937.48	4826543.57	2.00	1	N	250	73.0	0.0	-188.0	0.0	0.0	42.2	0.0	-1.6	0.0	0.0	21.6	0.0	2.0	-179.3
11	611937.48	4826543.57	2.00	1	N	500	73.4	0.0	-188.0	0.0	0.0	42.2	0.1	-2.0	0.0	0.0	22.0	0.0	2.0	-178.9
11	611937.48	4826543.57	2.00	1	N	1000	72.2	0.0	-188.0	0.0	0.0	42.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	-185.1
11	611937.48	4826543.57	2.00	1	N	2000	68.1	0.0	-188.0	0.0	0.0	42.2	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-189.5
11	611937.48	4826543.57	2.00	1	N	4000	60.9	0.0	-188.0	0.0	0.0	42.2	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-197.5
11	611937.48	4826543.57	2.00	1	N	8000	54.7	0.0	-188.0	0.0	0.0	42.2	4.2	-2.6	0.0	0.0	27.6	0.0	2.0	-206.8
11	611937.48	4826543.57	2.00	1	E	32	37.2	0.0	0.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	19.1	0.0	2.0	-23.1
11	611937.48	4826543.57	2.00	1	E	63	55.4	0.0	0.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	22.0	0.0	2.0	-7.8
11	611937.48	4826543.57	2.00	1	E	125	65.6	0.0	0.0	0.0	0.0	42.2	0.0	-2.4	0.0	0.0	22.4	0.0	2.0	1.4
11	611937.48	4826543.57	2.00	1	E	250	73.0	0.0	0.0	0.0	0.0	42.2	0.0	-1.6	0.0	0.0	21.6	0.0	2.0	8.7
11	611937.48	4826543.57	2.00	1	E	500	73.4	0.0	0.0	0.0	0.0	42.2	0.1	-2.0	0.0	0.0	22.0	0.0	2.0	9.1
11	611937.48	4826543.57	2.00	1	E	1000	72.2	0.0	0.0	0.0	0.0	42.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	2.9
11	611937.48	4826543.57	2.00	1	E	2000	68.1	0.0	0.0	0.0	0.0	42.2	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.5
11	611937.48	4826543.57	2.00	1	E	4000	60.9	0.0	0.0	0.0	0.0	42.2	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-9.5
11	611937.48	4826543.57	2.00	1	E	8000	54.7	0.0	0.0	0.0	0.0	42.2	4.2	-2.6	0.0	0.0	27.6	0.0	2.0	-18.8
13	611937.48	4826543.57	2.00	1	D	32	37.2	0.0	0.0	0.0	0.0	42.1	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-3.9
13	611937.48	4826543.57	2.00	1	D	63	55.4	0.0	0.0	0.0	0.0	42.1	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	14.3
13	611937.48	4826543.57	2.00	1	D	125	65.6	0.0	0.0	0.0	0.0	42.1	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	23.9
13	611937.48	4826543.57	2.00	1	D	250	73.0	0.0	0.0	0.0	0.0	42.1	0.0	-1.6	0.0	0.0	0.0	0.0	2.0	30.4
13	611937.48	4826543.57	2.00	1	D	500	73.4	0.0	0.0	0.0	0.0	42.1	0.1	-2.0	0.0	0.0	0.0	0.0	2.0	31.2
13	611937.48	4826543.57	2.00	1	D	1000	72.2	0.0	0.0	0.0	0.0	42.1	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	30.5
13	611937.48	4826543.57	2.00	1	D	2000	68.1	0.0	0.0	0.0	0.0	42.1	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	26.2
13	611937.48	4826543.57	2.00	1	D	4000	60.9	0.0	0.0	0.0	0.0	42.1	1.2	-2.6	0.0	0.0	0.0	0.0	2.0	18.2
13	611937.48	4826543.57	2.00	1	D	8000	54.7	0.0	0.0	0.0	0.0	42.1	4.2	-2.6	0.0	0.0	0.0	0.0	2.0	8.9
13	611937.48	4826543.57	2.00	1	N	32	37.2	0.0	-188.0	0.0	0.0	42.1	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #05", ID: "C1_EF05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
13	611937.48	4826543.57	2.00	1	N	63	55.4	0.0	-188.0	0.0	0.0	42.1	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-173.7
13	611937.48	4826543.57	2.00	1	N	125	65.6	0.0	-188.0	0.0	0.0	42.1	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	-164.1
13	611937.48	4826543.57	2.00	1	N	250	73.0	0.0	-188.0	0.0	0.0	42.1	0.0	-1.6	0.0	0.0	0.0	0.0	2.0	-157.6
13	611937.48	4826543.57	2.00	1	N	500	73.4	0.0	-188.0	0.0	0.0	42.1	0.1	-2.0	0.0	0.0	0.0	0.0	2.0	-156.8
13	611937.48	4826543.57	2.00	1	N	1000	72.2	0.0	-188.0	0.0	0.0	42.1	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	-157.5
13	611937.48	4826543.57	2.00	1	N	2000	68.1	0.0	-188.0	0.0	0.0	42.1	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	-161.8
13	611937.48	4826543.57	2.00	1	N	4000	60.9	0.0	-188.0	0.0	0.0	42.1	1.2	-2.6	0.0	0.0	0.0	0.0	2.0	-169.8
13	611937.48	4826543.57	2.00	1	N	8000	54.7	0.0	-188.0	0.0	0.0	42.1	4.2	-2.6	0.0	0.0	0.0	0.0	2.0	-179.1
13	611937.48	4826543.57	2.00	1	E	32	37.2	0.0	0.0	0.0	0.0	42.1	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-3.9
13	611937.48	4826543.57	2.00	1	E	63	55.4	0.0	0.0	0.0	0.0	42.1	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	14.3
13	611937.48	4826543.57	2.00	1	E	125	65.6	0.0	0.0	0.0	0.0	42.1	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	23.9
13	611937.48	4826543.57	2.00	1	E	250	73.0	0.0	0.0	0.0	0.0	42.1	0.0	-1.6	0.0	0.0	0.0	0.0	2.0	30.4
13	611937.48	4826543.57	2.00	1	E	500	73.4	0.0	0.0	0.0	0.0	42.1	0.1	-2.0	0.0	0.0	0.0	0.0	2.0	31.2
13	611937.48	4826543.57	2.00	1	E	1000	72.2	0.0	0.0	0.0	0.0	42.1	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	30.5
13	611937.48	4826543.57	2.00	1	E	2000	68.1	0.0	0.0	0.0	0.0	42.1	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	26.2
13	611937.48	4826543.57	2.00	1	E	4000	60.9	0.0	0.0	0.0	0.0	42.1	1.2	-2.6	0.0	0.0	0.0	0.0	2.0	18.2
13	611937.48	4826543.57	2.00	1	E	8000	54.7	0.0	0.0	0.0	0.0	42.1	4.2	-2.6	0.0	0.0	0.0	0.0	2.0	8.9
15	611937.48	4826543.57	2.00	1	D	32	37.2	0.0	0.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	14.3	0.0	2.0	-18.4
15	611937.48	4826543.57	2.00	1	D	63	55.4	0.0	0.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	16.8	0.0	2.0	-2.7
15	611937.48	4826543.57	2.00	1	D	125	65.6	0.0	0.0	0.0	0.0	42.3	0.0	-2.5	0.0	0.0	19.2	0.0	2.0	4.6
15	611937.48	4826543.57	2.00	1	D	250	73.0	0.0	0.0	0.0	0.0	42.3	0.0	-1.9	0.0	0.0	21.7	0.0	2.0	8.8
15	611937.48	4826543.57	2.00	1	D	500	73.4	0.0	0.0	0.0	0.0	42.3	0.1	-2.2	0.0	0.0	26.1	0.0	2.0	5.1
15	611937.48	4826543.57	2.00	1	D	1000	72.2	0.0	0.0	0.0	0.0	42.3	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	2.8
15	611937.48	4826543.57	2.00	1	D	2000	68.1	0.0	0.0	0.0	0.0	42.3	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.6
15	611937.48	4826543.57	2.00	1	D	4000	60.9	0.0	0.0	0.0	0.0	42.3	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-9.6
15	611937.48	4826543.57	2.00	1	D	8000	54.7	0.0	0.0	0.0	0.0	42.3	4.3	-2.6	0.0	0.0	27.6	0.0	2.0	-18.9
15	611937.48	4826543.57	2.00	1	N	32	37.2	0.0	-188.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	14.3	0.0	2.0	-206.4
15	611937.48	4826543.57	2.00	1	N	63	55.4	0.0	-188.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	16.8	0.0	2.0	-190.7
15	611937.48	4826543.57	2.00	1	N	125	65.6	0.0	-188.0	0.0	0.0	42.3	0.0	-2.5	0.0	0.0	19.2	0.0	2.0	-183.4
15	611937.48	4826543.57	2.00	1	N	250	73.0	0.0	-188.0	0.0	0.0	42.3	0.0	-1.9	0.0	0.0	21.7	0.0	2.0	-179.2
15	611937.48	4826543.57	2.00	1	N	500	73.4	0.0	-188.0	0.0	0.0	42.3	0.1	-2.2	0.0	0.0	26.1	0.0	2.0	-182.9
15	611937.48	4826543.57	2.00	1	N	1000	72.2	0.0	-188.0	0.0	0.0	42.3	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	-185.2
15	611937.48	4826543.57	2.00	1	N	2000	68.1	0.0	-188.0	0.0	0.0	42.3	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-189.6
15	611937.48	4826543.57	2.00	1	N	4000	60.9	0.0	-188.0	0.0	0.0	42.3	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-197.6
15	611937.48	4826543.57	2.00	1	N	8000	54.7	0.0	-188.0	0.0	0.0	42.3	4.3	-2.6	0.0	0.0	27.6	0.0	2.0	-206.9
15	611937.48	4826543.57	2.00	1	E	32	37.2	0.0	0.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	14.3	0.0	2.0	-18.4
15	611937.48	4826543.57	2.00	1	E	63	55.4	0.0	0.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	16.8	0.0	2.0	-2.7
15	611937.48	4826543.57	2.00	1	E	125	65.6	0.0	0.0	0.0	0.0	42.3	0.0	-2.5	0.0	0.0	19.2	0.0	2.0	4.6
15	611937.48	4826543.57	2.00	1	E	250	73.0	0.0	0.0	0.0	0.0	42.3	0.0	-1.9	0.0	0.0	21.7	0.0	2.0	8.8
15	611937.48	4826543.57	2.00	1	E	500	73.4	0.0	0.0	0.0	0.0	42.3	0.1	-2.2	0.0	0.0	26.1	0.0	2.0	5.1
15	611937.48	4826543.57	2.00	1	E	1000	72.2	0.0	0.0	0.0	0.0	42.3	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	2.8
15	611937.48	4826543.57	2.00	1	E	2000	68.1	0.0	0.0	0.0	0.0	42.3	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.6
15	611937.48	4826543.57	2.00	1	E	4000	60.9	0.0	0.0	0.0	0.0	42.3	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-9.6
15	611937.48	4826543.57	2.00	1	E	8000	54.7	0.0	0.0	0.0	0.0	42.3	4.3	-2.6	0.0	0.0	27.6	0.0	2.0	-18.9
18	611937.48	4826543.57	2.00	2	D	2000	68.1	0.0	0.0	0.0	0.0	45.0	0.5	-2.0	0.0	0.0	0.0	0.0	3.0	21.5
18	611937.48	4826543.57	2.00	2	D	4000	60.9	0.0	0.0	0.0	0.0	45.0	1.6	-2.0	0.0	0.0	0.0	0.0	3.0	13.2
18	611937.48	4826543.57	2.00	2	D	8000	54.7	0.0	0.0	0.0	0.0	45.0	5.9	-2.0	0.0	0.0	0.0	0.0	3.0	2.8
18	611937.48	4826543.57	2.00	2	N	2000	68.1	0.0	-188.0	0.0	0.0	45.0	0.5	-2.0	0.0	0.0	0.0	0.0	3.0	-166.5
18	611937.48	4826543.57	2.00	2	N	4000	60.9	0.0	-188.0	0.0	0.0	45.0	1.6	-2.0	0.0	0.0	0.0	0.0	3.0	-174.8
18	611937.48	4826543.57	2.00	2	N	8000	54.7	0.0	-188.0	0.0	0.0	45.0	5.9	-2.0	0.0	0.0	0.0	0.0	3.0	-185.2
18	611937.48	4826543.57	2.00	2	E	2000	68.1	0.0	0.0	0.0	0.0	45.0	0.5	-2.0	0.0	0.0	0.0	0.0	3.0	21.5
18	611937.48	4826543.57	2.00	2	E	4000	60.9	0.0	0.0	0.0	0.0	45.0	1.6	-2.0	0.0	0.0	0.0	0.0	3.0	13.2
18	611937.48	4826543.57	2.00	2	E	8000	54.7	0.0	0.0	0.0	0.0	45.0	5.9	-2.0	0.0	0.0	0.0	0.0	3.0	2.8
21	611937.48	4826543.57	2.00	2	D	2000	68.1	0.0	0.0	0.0	0.0	44.6	0.5	-2.4	0.0	0.0	0.0	0.0	3.0	22.4
21	611937.48	4826543.57	2.00	2	D	4000	60.9	0.0	0.0	0.0	0.0	44.6	1.6	-2.4	0.0	0.0	0.0	0.0	3.0	14.1
21	611937.48	4826543.57	2.00	2	D	8000	54.7	0.0	0.0	0.0	0.0	44.6	5.6	-2.4	0.0	0.0	0.0	0.0	3.0	3.9
21	611937.48	4826543.57	2.00	2	N	2000	68.1	0.0	-188.0	0.0	0.0	44.6	0.5	-2.4	0.0	0.0	0.0	0.0	3.0	-165.6
21	611937.48	4826543.57	2.00	2	N	4000	60.9	0.0	-188.0	0.0	0.0	44.6	1.6	-2.4	0.0	0.0	0.0	0.0	3.0	-173.9
21	611937.48	4826543.57	2.00	2	N	8000	54.7	0.0	-188.0	0.0	0.0	44.6	5.6	-2.4	0.0	0.0	0.0	0.0	3.0	-184.1
21	611937.48	4826543.57	2.00	2	E	2000	68.1	0.0	0.0	0.0	0.0	44.6	0.5	-2.4	0.0	0.0	0.0	0.0	3.0	22.4
21	611937.48	4826543.57	2.00	2	E	4000	60.9	0.0	0.0	0.0	0.0	44.6	1.6	-2.4	0.0	0.0	0.0	0.0	3.0	14.1
21	611937.48	4826543.57	2.00	2	E	8000	54.7	0.0	0.0	0.0	0.0	44.6	5.6	-2.4	0.0	0.0	0.0	0.0	3.0	3.9
24	611937.48	4826543.57	2.00	1	D	63	55.4	0.0	0.0	0.0	0.0	41.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	14.9
24	611937.48	4826543.57	2.00	1	D	125	65.6	0.0	0.0	0.0	0.0	41.5	0.0	-2.5	0					

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #05", ID: "C1_EF05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
24	611937.48	4826543.57	2.00	1	D	250	73.0	0.0	0.0	0.0	0.0	41.5	0.0	-1.8	0.0	0.0	0.0	0.0	2.0	31.2
24	611937.48	4826543.57	2.00	1	D	500	73.4	0.0	0.0	0.0	0.0	41.5	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	32.0
24	611937.48	4826543.57	2.00	1	D	1000	72.2	0.0	0.0	0.0	0.0	41.5	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	31.1
24	611937.48	4826543.57	2.00	1	D	2000	68.1	0.0	0.0	0.0	0.0	41.5	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	26.9
24	611937.48	4826543.57	2.00	1	D	4000	60.9	0.0	0.0	0.0	0.0	41.5	1.1	-2.6	0.0	0.0	0.0	0.0	2.0	18.9
24	611937.48	4826543.57	2.00	1	D	8000	54.7	0.0	0.0	0.0	0.0	41.5	3.9	-2.6	0.0	0.0	0.0	0.0	2.0	9.9
24	611937.48	4826543.57	2.00	1	N	63	55.4	0.0	-188.0	0.0	0.0	41.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-173.1
24	611937.48	4826543.57	2.00	1	N	125	65.6	0.0	-188.0	0.0	0.0	41.5	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	-163.4
24	611937.48	4826543.57	2.00	1	N	250	73.0	0.0	-188.0	0.0	0.0	41.5	0.0	-1.8	0.0	0.0	0.0	0.0	2.0	-156.8
24	611937.48	4826543.57	2.00	1	N	500	73.4	0.0	-188.0	0.0	0.0	41.5	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	-156.0
24	611937.48	4826543.57	2.00	1	N	1000	72.2	0.0	-188.0	0.0	0.0	41.5	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	-156.9
24	611937.48	4826543.57	2.00	1	N	2000	68.1	0.0	-188.0	0.0	0.0	41.5	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	-161.1
24	611937.48	4826543.57	2.00	1	N	4000	60.9	0.0	-188.0	0.0	0.0	41.5	1.1	-2.6	0.0	0.0	0.0	0.0	2.0	-169.1
24	611937.48	4826543.57	2.00	1	N	8000	54.7	0.0	-188.0	0.0	0.0	41.5	3.9	-2.6	0.0	0.0	0.0	0.0	2.0	-178.1
24	611937.48	4826543.57	2.00	1	E	63	55.4	0.0	0.0	0.0	0.0	41.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	14.9
24	611937.48	4826543.57	2.00	1	E	125	65.6	0.0	0.0	0.0	0.0	41.5	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	24.6
24	611937.48	4826543.57	2.00	1	E	250	73.0	0.0	0.0	0.0	0.0	41.5	0.0	-1.8	0.0	0.0	0.0	0.0	2.0	31.2
24	611937.48	4826543.57	2.00	1	E	500	73.4	0.0	0.0	0.0	0.0	41.5	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	32.0
24	611937.48	4826543.57	2.00	1	E	1000	72.2	0.0	0.0	0.0	0.0	41.5	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	31.1
24	611937.48	4826543.57	2.00	1	E	2000	68.1	0.0	0.0	0.0	0.0	41.5	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	26.9
24	611937.48	4826543.57	2.00	1	E	4000	60.9	0.0	0.0	0.0	0.0	41.5	1.1	-2.6	0.0	0.0	0.0	0.0	2.0	18.9
24	611937.48	4826543.57	2.00	1	E	8000	54.7	0.0	0.0	0.0	0.0	41.5	3.9	-2.6	0.0	0.0	0.0	0.0	2.0	9.9
25	611937.48	4826543.57	2.00	1	D	2000	68.1	0.0	0.0	0.0	0.0	53.1	1.2	-3.5	0.0	0.0	0.0	0.0	2.0	15.3
25	611937.48	4826543.57	2.00	1	D	4000	60.9	0.0	0.0	0.0	0.0	53.1	4.2	-3.5	0.0	0.0	0.0	0.0	2.0	5.1
25	611937.48	4826543.57	2.00	1	D	8000	54.7	0.0	0.0	0.0	0.0	53.1	14.9	-3.5	0.0	0.0	0.0	0.0	2.0	-11.8
25	611937.48	4826543.57	2.00	1	N	2000	68.1	0.0	-188.0	0.0	0.0	53.1	1.2	-3.5	0.0	0.0	0.0	0.0	2.0	-172.7
25	611937.48	4826543.57	2.00	1	N	4000	60.9	0.0	-188.0	0.0	0.0	53.1	4.2	-3.5	0.0	0.0	0.0	0.0	2.0	-182.9
25	611937.48	4826543.57	2.00	1	N	8000	54.7	0.0	-188.0	0.0	0.0	53.1	14.9	-3.5	0.0	0.0	0.0	0.0	2.0	-199.8
25	611937.48	4826543.57	2.00	1	E	2000	68.1	0.0	0.0	0.0	0.0	53.1	1.2	-3.5	0.0	0.0	0.0	0.0	2.0	15.3
25	611937.48	4826543.57	2.00	1	E	4000	60.9	0.0	0.0	0.0	0.0	53.1	4.2	-3.5	0.0	0.0	0.0	0.0	2.0	5.1
25	611937.48	4826543.57	2.00	1	E	8000	54.7	0.0	0.0	0.0	0.0	53.1	14.9	-3.5	0.0	0.0	0.0	0.0	2.0	-11.8

Point Source, ISO 9613, Name: "Rooftop Exhaust Fan #3", ID: "Opt1_C1_EF03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
28	611933.76	4826533.96	7.75	0	DEN	32	34.2	0.0	0.0	0.0	0.0	39.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-2.1
28	611933.76	4826533.96	7.75	0	DEN	63	48.8	0.0	0.0	0.0	0.0	39.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.5
28	611933.76	4826533.96	7.75	0	DEN	125	64.4	0.0	0.0	0.0	0.0	39.3	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	27.5
28	611933.76	4826533.96	7.75	0	DEN	250	65.5	0.0	0.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	28.3
28	611933.76	4826533.96	7.75	0	DEN	500	70.1	0.0	0.0	0.0	0.0	39.3	0.1	-2.2	0.0	0.0	0.0	0.0	0.0	33.0
28	611933.76	4826533.96	7.75	0	DEN	1000	69.6	0.0	0.0	0.0	0.0	39.3	0.1	-2.5	0.0	0.0	0.0	0.0	0.0	32.7
28	611933.76	4826533.96	7.75	0	DEN	2000	69.4	0.0	0.0	0.0	0.0	39.3	0.3	-2.5	0.0	0.0	0.0	0.0	0.0	32.4
28	611933.76	4826533.96	7.75	0	DEN	4000	66.7	0.0	0.0	0.0	0.0	39.3	0.9	-2.5	0.0	0.0	0.0	0.0	0.0	29.1
28	611933.76	4826533.96	7.75	0	DEN	8000	59.7	0.0	0.0	0.0	0.0	39.3	3.0	-2.5	0.0	0.0	0.0	0.0	0.0	19.9
30	611933.76	4826533.96	7.75	1	DEN	63	48.8	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	21.8	0.0	2.0	-16.2
30	611933.76	4826533.96	7.75	1	DEN	125	64.4	0.0	0.0	0.0	0.0	44.2	0.0	-2.8	0.0	0.0	24.6	0.0	2.0	-3.7
30	611933.76	4826533.96	7.75	1	DEN	250	65.5	0.0	0.0	0.0	0.0	44.2	0.0	-2.6	0.0	0.0	27.6	0.0	2.0	-5.7
30	611933.76	4826533.96	7.75	1	DEN	500	70.1	0.0	0.0	0.0	0.0	44.2	0.1	-2.7	0.0	0.0	27.7	0.0	2.0	-1.2
30	611933.76	4826533.96	7.75	1	DEN	1000	69.6	0.0	0.0	0.0	0.0	44.2	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-1.8
30	611933.76	4826533.96	7.75	1	DEN	2000	69.4	0.0	0.0	0.0	0.0	44.2	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-2.2
30	611933.76	4826533.96	7.75	1	DEN	4000	66.7	0.0	0.0	0.0	0.0	44.2	1.5	-2.8	0.0	0.0	27.8	0.0	2.0	-6.0
30	611933.76	4826533.96	7.75	1	DEN	8000	59.7	0.0	0.0	0.0	0.0	44.2	5.3	-2.8	0.0	0.0	27.8	0.0	2.0	-16.8
32	611933.76	4826533.96	7.75	1	DEN	32	34.2	0.0	0.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	18.0	0.0	2.0	-26.4
32	611933.76	4826533.96	7.75	1	DEN	63	48.8	0.0	0.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	20.8	0.0	2.0	-14.6
32	611933.76	4826533.96	7.75	1	DEN	125	64.4	0.0	0.0	0.0	0.0	43.6	0.0	-2.8	0.0	0.0	22.8	0.0	2.0	-1.3
32	611933.76	4826533.96	7.75	1	DEN	250	65.5	0.0	0.0	0.0	0.0	43.6	0.0	-2.6	0.0	0.0	22.6	0.0	2.0	-0.2
32	611933.76	4826533.96	7.75	1	DEN	500	70.1	0.0	0.0	0.0	0.0	43.6	0.1	-2.7	0.0	0.0	22.7	0.0	2.0	4.4
32	611933.76	4826533.96	7.75	1	DEN	1000	69.6	0.0	0.0	0.0	0.0	43.6	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-1.2
32	611933.76	4826533.96	7.75	1	DEN	2000	69.4	0.0	0.0	0.0	0.0	43.6	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-1.7
32	611933.76	4826533.96	7.75	1	DEN	4000	66.7	0.0	0.0	0.0	0.0	43.6	1.4	-2.8	0.0	0.0	27.8	0.0	2.0	-5.4
32	611933.76	4826533.96	7.75	1	DEN	8000	59.7	0.0	0.0	0.0	0.0	43.6	5.0	-2.8	0.0	0.0	27.8	0.0	2.0	-15.9
33	611933.76	4826533.96	7.75	1	DEN	32	34.2	0.0	0.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-8.4
33	611933.76	4826533.96	7.75	1	DEN	63	48.8	0.0	0.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	6.2
33	611933.76	4826533.96	7.75	1	DEN	125	64.4	0.0	0.0	0.0	0.0	43.5	0.0	-2.8	0.0	0.0	0.0	0.0	2.0	21.6

Point Source, ISO 9613, Name: "Rooftop Exhaust Fan #3", ID: "Opt1_C1_EF03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
33	611933.76	4826533.96	7.75	1	DEN	250	65.5	0.0	0.0	0.0	0.0	43.5	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	22.5
33	611933.76	4826533.96	7.75	1	DEN	500	70.1	0.0	0.0	0.0	0.0	43.5	0.1	-2.7	0.0	0.0	0.0	0.0	2.0	27.1
33	611933.76	4826533.96	7.75	1	DEN	1000	69.6	0.0	0.0	0.0	0.0	43.5	0.2	-2.8	0.0	0.0	0.0	0.0	2.0	26.7
33	611933.76	4826533.96	7.75	1	DEN	2000	69.4	0.0	0.0	0.0	0.0	43.5	0.4	-2.8	0.0	0.0	0.0	0.0	2.0	26.2
33	611933.76	4826533.96	7.75	1	DEN	4000	66.7	0.0	0.0	0.0	0.0	43.5	1.4	-2.8	0.0	0.0	0.0	0.0	2.0	22.6
33	611933.76	4826533.96	7.75	1	DEN	8000	59.7	0.0	0.0	0.0	0.0	43.5	5.0	-2.8	0.0	0.0	0.0	0.0	2.0	12.0
35	611933.76	4826533.96	7.75	1	DEN	32	34.2	0.0	0.0	0.0	0.0	44.1	0.0	-3.0	0.0	0.0	13.0	0.0	2.0	-21.9
35	611933.76	4826533.96	7.75	1	DEN	63	48.8	0.0	0.0	0.0	0.0	44.1	0.0	-3.0	0.0	0.0	15.3	0.0	2.0	-9.7
35	611933.76	4826533.96	7.75	1	DEN	125	64.4	0.0	0.0	0.0	0.0	44.1	0.0	-2.6	0.0	0.0	17.6	0.0	2.0	3.2
35	611933.76	4826533.96	7.75	1	DEN	250	65.5	0.0	0.0	0.0	0.0	44.1	0.0	-2.4	0.0	0.0	20.5	0.0	2.0	1.1
35	611933.76	4826533.96	7.75	1	DEN	500	70.1	0.0	0.0	0.0	0.0	44.1	0.1	-2.5	0.0	0.0	24.6	0.0	2.0	1.7
35	611933.76	4826533.96	7.75	1	DEN	1000	69.6	0.0	0.0	0.0	0.0	44.1	0.2	-2.7	0.0	0.0	27.7	0.0	2.0	-1.7
35	611933.76	4826533.96	7.75	1	DEN	2000	69.4	0.0	0.0	0.0	0.0	44.1	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-2.2
35	611933.76	4826533.96	7.75	1	DEN	4000	66.7	0.0	0.0	0.0	0.0	44.1	1.5	-2.7	0.0	0.0	27.7	0.0	2.0	-5.9
35	611933.76	4826533.96	7.75	1	DEN	8000	59.7	0.0	0.0	0.0	0.0	44.1	5.3	-2.7	0.0	0.0	27.7	0.0	2.0	-16.7
37	611933.76	4826533.96	7.75	1	DEN	63	48.8	0.0	0.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	6.3
37	611933.76	4826533.96	7.75	1	DEN	125	64.4	0.0	0.0	0.0	0.0	43.5	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	21.5
37	611933.76	4826533.96	7.75	1	DEN	250	65.5	0.0	0.0	0.0	0.0	43.5	0.0	-2.3	0.0	0.0	0.0	0.0	2.0	22.2
37	611933.76	4826533.96	7.75	1	DEN	500	70.1	0.0	0.0	0.0	0.0	43.5	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	26.9
37	611933.76	4826533.96	7.75	1	DEN	1000	69.6	0.0	0.0	0.0	0.0	43.5	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	26.6
37	611933.76	4826533.96	7.75	1	DEN	2000	69.4	0.0	0.0	0.0	0.0	43.5	0.4	-2.7	0.0	0.0	0.0	0.0	2.0	26.2
37	611933.76	4826533.96	7.75	1	DEN	4000	66.7	0.0	0.0	0.0	0.0	43.5	1.4	-2.7	0.0	0.0	0.0	0.0	2.0	22.5
37	611933.76	4826533.96	7.75	1	DEN	8000	59.7	0.0	0.0	0.0	0.0	43.5	4.9	-2.7	0.0	0.0	0.0	0.0	2.0	12.0
39	611933.76	4826533.96	7.75	1	DEN	2000	69.4	0.0	0.0	0.0	0.0	53.8	1.3	-2.9	0.0	0.0	0.0	0.0	2.0	15.2
39	611933.76	4826533.96	7.75	1	DEN	4000	66.7	0.0	0.0	0.0	0.0	53.8	4.5	-2.9	0.0	0.0	0.0	0.0	2.0	9.3
39	611933.76	4826533.96	7.75	1	DEN	8000	59.7	0.0	0.0	0.0	0.0	53.8	16.1	-2.9	0.0	0.0	0.0	0.0	2.0	-9.3

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #04", ID: "C1_EF04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
41	611934.32	4826539.68	2.10	0	D	32	38.8	0.0	0.0	0.0	0.0	36.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	5.0
41	611934.32	4826539.68	2.10	0	D	63	53.0	0.0	0.0	0.0	0.0	36.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.2
41	611934.32	4826539.68	2.10	0	D	125	62.2	0.0	0.0	0.0	0.0	36.8	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	27.3
41	611934.32	4826539.68	2.10	0	D	250	65.6	0.0	0.0	0.0	0.0	36.8	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	29.6
41	611934.32	4826539.68	2.10	0	D	500	69.0	0.0	0.0	0.0	0.0	36.8	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	33.6
41	611934.32	4826539.68	2.10	0	D	1000	70.5	0.0	0.0	0.0	0.0	36.8	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	35.6
41	611934.32	4826539.68	2.10	0	D	2000	68.7	0.0	0.0	0.0	0.0	36.8	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	33.8
41	611934.32	4826539.68	2.10	0	D	4000	63.6	0.0	0.0	0.0	0.0	36.8	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	28.3
41	611934.32	4826539.68	2.10	0	D	8000	55.7	0.0	0.0	0.0	0.0	36.8	2.3	-2.1	0.0	0.0	0.0	0.0	0.0	18.7
41	611934.32	4826539.68	2.10	0	N	32	38.8	0.0	-188.0	0.0	0.0	36.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-183.0
41	611934.32	4826539.68	2.10	0	N	63	53.0	0.0	-188.0	0.0	0.0	36.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-168.8
41	611934.32	4826539.68	2.10	0	N	125	62.2	0.0	-188.0	0.0	0.0	36.8	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-160.7
41	611934.32	4826539.68	2.10	0	N	250	65.6	0.0	-188.0	0.0	0.0	36.8	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-158.4
41	611934.32	4826539.68	2.10	0	N	500	69.0	0.0	-188.0	0.0	0.0	36.8	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	-154.4
41	611934.32	4826539.68	2.10	0	N	1000	70.5	0.0	-188.0	0.0	0.0	36.8	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	-152.4
41	611934.32	4826539.68	2.10	0	N	2000	68.7	0.0	-188.0	0.0	0.0	36.8	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-154.2
41	611934.32	4826539.68	2.10	0	N	4000	63.6	0.0	-188.0	0.0	0.0	36.8	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	-159.7
41	611934.32	4826539.68	2.10	0	N	8000	55.7	0.0	-188.0	0.0	0.0	36.8	2.3	-2.1	0.0	0.0	0.0	0.0	0.0	-169.3
41	611934.32	4826539.68	2.10	0	E	32	38.8	0.0	0.0	0.0	0.0	36.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	5.0
41	611934.32	4826539.68	2.10	0	E	63	53.0	0.0	0.0	0.0	0.0	36.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	19.2
41	611934.32	4826539.68	2.10	0	E	125	62.2	0.0	0.0	0.0	0.0	36.8	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	27.3
41	611934.32	4826539.68	2.10	0	E	250	65.6	0.0	0.0	0.0	0.0	36.8	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	29.6
41	611934.32	4826539.68	2.10	0	E	500	69.0	0.0	0.0	0.0	0.0	36.8	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	33.6
41	611934.32	4826539.68	2.10	0	E	1000	70.5	0.0	0.0	0.0	0.0	36.8	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	35.6
41	611934.32	4826539.68	2.10	0	E	2000	68.7	0.0	0.0	0.0	0.0	36.8	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	33.8
41	611934.32	4826539.68	2.10	0	E	4000	63.6	0.0	0.0	0.0	0.0	36.8	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	28.3
41	611934.32	4826539.68	2.10	0	E	8000	55.7	0.0	0.0	0.0	0.0	36.8	2.3	-2.1	0.0	0.0	0.0	0.0	0.0	18.7
44	611934.32	4826539.68	2.10	1	D	32	38.8	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	19.9	0.0	2.0	-23.2
44	611934.32	4826539.68	2.10	1	D	63	53.0	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	22.8	0.0	2.0	-11.9
44	611934.32	4826539.68	2.10	1	D	125	62.2	0.0	0.0	0.0	0.0	43.2	0.0	-2.5	0.0	0.0	25.3	0.0	2.0	-5.8
44	611934.32	4826539.68	2.10	1	D	250	65.6	0.0	0.0	0.0	0.0	43.2	0.0	-1.8	0.0	0.0	26.8	0.0	2.0	-4.6
44	611934.32	4826539.68	2.10	1	D	500	69.0	0.0	0.0	0.0	0.0	43.2	0.1	-2.2	0.0	0.0	27.2	0.0	2.0	-1.2
44	611934.32	4826539.68	2.10	1	D	1000	70.5	0.0	0.0	0.0	0.0	43.2	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	0.2
44	611934.32	4826539.68	2.10	1	D	2000	68.7	0.0	0.0	0.0	0.0	43.2	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.8

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #04", ID: "C1_EF04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
44	611934.32	4826539.68	2.10	1	D	4000	63.6	0.0	0.0	0.0	0.0	43.2	1.3	-2.6	0.0	0.0	27.6	0.0	2.0	-7.9
44	611934.32	4826539.68	2.10	1	D	8000	55.7	0.0	0.0	0.0	0.0	43.2	4.7	-2.6	0.0	0.0	27.6	0.0	2.0	-19.2
44	611934.32	4826539.68	2.10	1	N	32	38.8	0.0	-188.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	19.9	0.0	2.0	-211.2
44	611934.32	4826539.68	2.10	1	N	63	53.0	0.0	-188.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	22.8	0.0	2.0	-199.9
44	611934.32	4826539.68	2.10	1	N	125	62.2	0.0	-188.0	0.0	0.0	43.2	0.0	-2.5	0.0	0.0	25.3	0.0	2.0	-193.8
44	611934.32	4826539.68	2.10	1	N	250	65.6	0.0	-188.0	0.0	0.0	43.2	0.0	-1.8	0.0	0.0	26.8	0.0	2.0	-192.6
44	611934.32	4826539.68	2.10	1	N	500	69.0	0.0	-188.0	0.0	0.0	43.2	0.1	-2.2	0.0	0.0	27.2	0.0	2.0	-189.2
44	611934.32	4826539.68	2.10	1	N	1000	70.5	0.0	-188.0	0.0	0.0	43.2	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	-187.8
44	611934.32	4826539.68	2.10	1	N	2000	68.7	0.0	-188.0	0.0	0.0	43.2	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-189.8
44	611934.32	4826539.68	2.10	1	N	4000	63.6	0.0	-188.0	0.0	0.0	43.2	1.3	-2.6	0.0	0.0	27.6	0.0	2.0	-195.9
44	611934.32	4826539.68	2.10	1	N	8000	55.7	0.0	-188.0	0.0	0.0	43.2	4.7	-2.6	0.0	0.0	27.6	0.0	2.0	-207.2
44	611934.32	4826539.68	2.10	1	E	32	38.8	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	19.9	0.0	2.0	-23.2
44	611934.32	4826539.68	2.10	1	E	63	53.0	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	22.8	0.0	2.0	-11.9
44	611934.32	4826539.68	2.10	1	E	125	62.2	0.0	0.0	0.0	0.0	43.2	0.0	-2.5	0.0	0.0	25.3	0.0	2.0	-5.8
44	611934.32	4826539.68	2.10	1	E	250	65.6	0.0	0.0	0.0	0.0	43.2	0.0	-1.8	0.0	0.0	26.8	0.0	2.0	-4.6
44	611934.32	4826539.68	2.10	1	E	500	69.0	0.0	0.0	0.0	0.0	43.2	0.1	-2.2	0.0	0.0	27.2	0.0	2.0	-1.2
44	611934.32	4826539.68	2.10	1	E	1000	70.5	0.0	0.0	0.0	0.0	43.2	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	0.2
44	611934.32	4826539.68	2.10	1	E	2000	68.7	0.0	0.0	0.0	0.0	43.2	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.8
44	611934.32	4826539.68	2.10	1	E	4000	63.6	0.0	0.0	0.0	0.0	43.2	1.3	-2.6	0.0	0.0	27.6	0.0	2.0	-7.9
44	611934.32	4826539.68	2.10	1	E	8000	55.7	0.0	0.0	0.0	0.0	43.2	4.7	-2.6	0.0	0.0	27.6	0.0	2.0	-19.2
45	611934.32	4826539.68	2.10	1	D	32	38.8	0.0	0.0	0.0	0.0	42.5	0.0	-3.0	0.0	0.0	19.0	0.0	2.0	-21.7
45	611934.32	4826539.68	2.10	1	D	63	53.0	0.0	0.0	0.0	0.0	42.5	0.0	-3.0	0.0	0.0	21.9	0.0	2.0	-10.4
45	611934.32	4826539.68	2.10	1	D	125	62.2	0.0	0.0	0.0	0.0	42.5	0.0	-2.5	0.0	0.0	22.5	0.0	2.0	-2.3
45	611934.32	4826539.68	2.10	1	D	250	65.6	0.0	0.0	0.0	0.0	42.5	0.0	-1.8	0.0	0.0	21.8	0.0	2.0	1.0
45	611934.32	4826539.68	2.10	1	D	500	69.0	0.0	0.0	0.0	0.0	42.5	0.1	-2.2	0.0	0.0	22.2	0.0	2.0	4.4
45	611934.32	4826539.68	2.10	1	D	1000	70.5	0.0	0.0	0.0	0.0	42.5	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	0.8
45	611934.32	4826539.68	2.10	1	D	2000	68.7	0.0	0.0	0.0	0.0	42.5	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.2
45	611934.32	4826539.68	2.10	1	D	4000	63.6	0.0	0.0	0.0	0.0	42.5	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-7.1
45	611934.32	4826539.68	2.10	1	D	8000	55.7	0.0	0.0	0.0	0.0	42.5	4.4	-2.6	0.0	0.0	27.6	0.0	2.0	-18.2
45	611934.32	4826539.68	2.10	1	N	32	38.8	0.0	-188.0	0.0	0.0	42.5	0.0	-3.0	0.0	0.0	19.0	0.0	2.0	-209.7
45	611934.32	4826539.68	2.10	1	N	63	53.0	0.0	-188.0	0.0	0.0	42.5	0.0	-3.0	0.0	0.0	21.9	0.0	2.0	-198.4
45	611934.32	4826539.68	2.10	1	N	125	62.2	0.0	-188.0	0.0	0.0	42.5	0.0	-2.5	0.0	0.0	22.5	0.0	2.0	-190.3
45	611934.32	4826539.68	2.10	1	N	250	65.6	0.0	-188.0	0.0	0.0	42.5	0.0	-1.8	0.0	0.0	21.8	0.0	2.0	-187.0
45	611934.32	4826539.68	2.10	1	N	500	69.0	0.0	-188.0	0.0	0.0	42.5	0.1	-2.2	0.0	0.0	22.2	0.0	2.0	-183.6
45	611934.32	4826539.68	2.10	1	N	1000	70.5	0.0	-188.0	0.0	0.0	42.5	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	-187.2
45	611934.32	4826539.68	2.10	1	N	2000	68.7	0.0	-188.0	0.0	0.0	42.5	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-189.2
45	611934.32	4826539.68	2.10	1	N	4000	63.6	0.0	-188.0	0.0	0.0	42.5	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-195.1
45	611934.32	4826539.68	2.10	1	N	8000	55.7	0.0	-188.0	0.0	0.0	42.5	4.4	-2.6	0.0	0.0	27.6	0.0	2.0	-206.2
45	611934.32	4826539.68	2.10	1	E	32	38.8	0.0	0.0	0.0	0.0	42.5	0.0	-3.0	0.0	0.0	19.0	0.0	2.0	-21.7
45	611934.32	4826539.68	2.10	1	E	63	53.0	0.0	0.0	0.0	0.0	42.5	0.0	-3.0	0.0	0.0	21.9	0.0	2.0	-10.4
45	611934.32	4826539.68	2.10	1	E	125	62.2	0.0	0.0	0.0	0.0	42.5	0.0	-2.5	0.0	0.0	22.5	0.0	2.0	-2.3
45	611934.32	4826539.68	2.10	1	E	250	65.6	0.0	0.0	0.0	0.0	42.5	0.0	-1.8	0.0	0.0	21.8	0.0	2.0	1.0
45	611934.32	4826539.68	2.10	1	E	500	69.0	0.0	0.0	0.0	0.0	42.5	0.1	-2.2	0.0	0.0	22.2	0.0	2.0	4.4
45	611934.32	4826539.68	2.10	1	E	1000	70.5	0.0	0.0	0.0	0.0	42.5	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	0.8
45	611934.32	4826539.68	2.10	1	E	2000	68.7	0.0	0.0	0.0	0.0	42.5	0.4	-2.6	0.0	0.0	27.6	0.0	2.0	-1.2
45	611934.32	4826539.68	2.10	1	E	4000	63.6	0.0	0.0	0.0	0.0	42.5	1.2	-2.6	0.0	0.0	27.6	0.0	2.0	-7.1
45	611934.32	4826539.68	2.10	1	E	8000	55.7	0.0	0.0	0.0	0.0	42.5	4.4	-2.6	0.0	0.0	27.6	0.0	2.0	-18.2
48	611934.32	4826539.68	2.10	1	D	32	38.8	0.0	0.0	0.0	0.0	42.4	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-2.6
48	611934.32	4826539.68	2.10	1	D	63	53.0	0.0	0.0	0.0	0.0	42.4	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	11.6
48	611934.32	4826539.68	2.10	1	D	125	62.2	0.0	0.0	0.0	0.0	42.4	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	20.3
48	611934.32	4826539.68	2.10	1	D	250	65.6	0.0	0.0	0.0	0.0	42.4	0.0	-1.8	0.0	0.0	0.0	0.0	2.0	22.9
48	611934.32	4826539.68	2.10	1	D	500	69.0	0.0	0.0	0.0	0.0	42.4	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	26.7
48	611934.32	4826539.68	2.10	1	D	1000	70.5	0.0	0.0	0.0	0.0	42.4	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	28.5
48	611934.32	4826539.68	2.10	1	D	2000	68.7	0.0	0.0	0.0	0.0	42.4	0.4	-2.6	0.0	0.0	0.0	0.0	2.0	26.5
48	611934.32	4826539.68	2.10	1	D	4000	63.6	0.0	0.0	0.0	0.0	42.4	1.2	-2.6	0.0	0.0	0.0	0.0	2.0	20.6
48	611934.32	4826539.68	2.10	1	D	8000	55.7	0.0	0.0	0.0	0.0	42.4	4.4	-2.6	0.0	0.0	0.0	0.0	2.0	9.5
48	611934.32	4826539.68	2.10	1	N	32	38.8	0.0	-188.0	0.0	0.0	42.4	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-190.6
48	611934.32	4826539.68	2.10	1	N	63	53.0	0.0	-188.0	0.0	0.0	42.4	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-176.4
48	611934.32	4826539.68	2.10	1	N	125	62.2	0.0	-188.0	0.0	0.0	42.4	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	-167.7
48	611934.32	4826539.68	2.10	1	N	250	65.6	0.0	-188.0	0.0	0.0	42.4	0.0	-1.8	0.0	0.0	0.0	0.0	2.0	-165.1
48	611934.32	4826539.68	2.10	1	N	500	69.0	0.0	-188.0	0.0	0.0	42.4	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	-161.3
48	611934.32	4826539.68	2.10	1	N	1000	70.5	0.0	-188.0	0.0	0.0	42.4	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	-159.5
48	611934.32	4826539.68	2.10	1	N	2000	68.7	0.0	-188.0	0.0	0.0	42.4	0.4	-2.6	0.0	0.0	0.0	0.0	2.0	-161.5
48	611934.32	4826539.68	2.10	1	N	4000	63.6	0.0	-188.0	0.0	0.0	42.4	1.2							

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #04", ID: "C1_EF04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
48	611934.32	4826539.68	2.10	1	N	8000	55.7	0.0	-188.0	0.0	0.0	42.4	4.4	-2.6	0.0	0.0	0.0	0.0	2.0	-178.5
48	611934.32	4826539.68	2.10	1	E	32	38.8	0.0	0.0	0.0	0.0	42.4	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-2.6
48	611934.32	4826539.68	2.10	1	E	63	53.0	0.0	0.0	0.0	0.0	42.4	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	11.6
48	611934.32	4826539.68	2.10	1	E	125	62.2	0.0	0.0	0.0	0.0	42.4	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	20.3
48	611934.32	4826539.68	2.10	1	E	250	65.6	0.0	0.0	0.0	0.0	42.4	0.0	-1.8	0.0	0.0	0.0	0.0	2.0	22.9
48	611934.32	4826539.68	2.10	1	E	500	69.0	0.0	0.0	0.0	0.0	42.4	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	26.7
48	611934.32	4826539.68	2.10	1	E	1000	70.5	0.0	0.0	0.0	0.0	42.4	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	28.5
48	611934.32	4826539.68	2.10	1	E	2000	68.7	0.0	0.0	0.0	0.0	42.4	0.4	-2.6	0.0	0.0	0.0	0.0	2.0	26.5
48	611934.32	4826539.68	2.10	1	E	4000	63.6	0.0	0.0	0.0	0.0	42.4	1.2	-2.6	0.0	0.0	0.0	0.0	2.0	20.6
48	611934.32	4826539.68	2.10	1	E	8000	55.7	0.0	0.0	0.0	0.0	42.4	4.4	-2.6	0.0	0.0	0.0	0.0	2.0	9.5
51	611934.32	4826539.68	2.10	1	D	32	38.8	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	14.2	0.0	2.0	-17.3
51	611934.32	4826539.68	2.10	1	D	63	53.0	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	16.7	0.0	2.0	-5.6
51	611934.32	4826539.68	2.10	1	D	125	62.2	0.0	0.0	0.0	0.0	42.9	0.0	-2.6	0.0	0.0	19.1	0.0	2.0	0.8
51	611934.32	4826539.68	2.10	1	D	250	65.6	0.0	0.0	0.0	0.0	42.9	0.0	-2.0	0.0	0.0	21.7	0.0	2.0	0.9
51	611934.32	4826539.68	2.10	1	D	500	69.0	0.0	0.0	0.0	0.0	42.9	0.1	-2.3	0.0	0.0	26.1	0.0	2.0	0.3
51	611934.32	4826539.68	2.10	1	D	1000	70.5	0.0	0.0	0.0	0.0	42.9	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	0.4
51	611934.32	4826539.68	2.10	1	D	2000	68.7	0.0	0.0	0.0	0.0	42.9	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-1.6
51	611934.32	4826539.68	2.10	1	D	4000	63.6	0.0	0.0	0.0	0.0	42.9	1.3	-2.7	0.0	0.0	27.7	0.0	2.0	-7.6
51	611934.32	4826539.68	2.10	1	D	8000	55.7	0.0	0.0	0.0	0.0	42.9	4.6	-2.7	0.0	0.0	27.7	0.0	2.0	-18.8
51	611934.32	4826539.68	2.10	1	N	32	38.8	0.0	-188.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	14.2	0.0	2.0	-205.3
51	611934.32	4826539.68	2.10	1	N	63	53.0	0.0	-188.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	16.7	0.0	2.0	-193.6
51	611934.32	4826539.68	2.10	1	N	125	62.2	0.0	-188.0	0.0	0.0	42.9	0.0	-2.6	0.0	0.0	19.1	0.0	2.0	-187.2
51	611934.32	4826539.68	2.10	1	N	250	65.6	0.0	-188.0	0.0	0.0	42.9	0.0	-2.0	0.0	0.0	21.7	0.0	2.0	-187.1
51	611934.32	4826539.68	2.10	1	N	500	69.0	0.0	-188.0	0.0	0.0	42.9	0.1	-2.3	0.0	0.0	26.1	0.0	2.0	-187.7
51	611934.32	4826539.68	2.10	1	N	1000	70.5	0.0	-188.0	0.0	0.0	42.9	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	-187.6
51	611934.32	4826539.68	2.10	1	N	2000	68.7	0.0	-188.0	0.0	0.0	42.9	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-189.6
51	611934.32	4826539.68	2.10	1	N	4000	63.6	0.0	-188.0	0.0	0.0	42.9	1.3	-2.7	0.0	0.0	27.7	0.0	2.0	-195.6
51	611934.32	4826539.68	2.10	1	N	8000	55.7	0.0	-188.0	0.0	0.0	42.9	4.6	-2.7	0.0	0.0	27.7	0.0	2.0	-206.8
51	611934.32	4826539.68	2.10	1	E	32	38.8	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	14.2	0.0	2.0	-17.3
51	611934.32	4826539.68	2.10	1	E	63	53.0	0.0	0.0	0.0	0.0	42.9	0.0	-3.0	0.0	0.0	16.7	0.0	2.0	-5.6
51	611934.32	4826539.68	2.10	1	E	125	62.2	0.0	0.0	0.0	0.0	42.9	0.0	-2.6	0.0	0.0	19.1	0.0	2.0	0.8
51	611934.32	4826539.68	2.10	1	E	250	65.6	0.0	0.0	0.0	0.0	42.9	0.0	-2.0	0.0	0.0	21.7	0.0	2.0	0.9
51	611934.32	4826539.68	2.10	1	E	500	69.0	0.0	0.0	0.0	0.0	42.9	0.1	-2.3	0.0	0.0	26.1	0.0	2.0	0.3
51	611934.32	4826539.68	2.10	1	E	1000	70.5	0.0	0.0	0.0	0.0	42.9	0.1	-2.6	0.0	0.0	27.6	0.0	2.0	0.4
51	611934.32	4826539.68	2.10	1	E	2000	68.7	0.0	0.0	0.0	0.0	42.9	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-1.6
51	611934.32	4826539.68	2.10	1	E	4000	63.6	0.0	0.0	0.0	0.0	42.9	1.3	-2.7	0.0	0.0	27.7	0.0	2.0	-7.6
51	611934.32	4826539.68	2.10	1	E	8000	55.7	0.0	0.0	0.0	0.0	42.9	4.6	-2.7	0.0	0.0	27.7	0.0	2.0	-18.8
53	611934.32	4826539.68	2.10	2	D	2000	68.7	0.0	0.0	0.0	0.0	45.1	0.5	-2.0	0.0	0.0	0.0	0.0	3.0	22.0
53	611934.32	4826539.68	2.10	2	D	4000	63.6	0.0	0.0	0.0	0.0	45.1	1.7	-2.0	0.0	0.0	0.0	0.0	3.0	15.7
53	611934.32	4826539.68	2.10	2	D	8000	55.7	0.0	0.0	0.0	0.0	45.1	5.9	-2.0	0.0	0.0	0.0	0.0	3.0	3.6
53	611934.32	4826539.68	2.10	2	N	2000	68.7	0.0	-188.0	0.0	0.0	45.1	0.5	-2.0	0.0	0.0	0.0	0.0	3.0	-166.0
53	611934.32	4826539.68	2.10	2	N	4000	63.6	0.0	-188.0	0.0	0.0	45.1	1.7	-2.0	0.0	0.0	0.0	0.0	3.0	-172.3
53	611934.32	4826539.68	2.10	2	N	8000	55.7	0.0	-188.0	0.0	0.0	45.1	5.9	-2.0	0.0	0.0	0.0	0.0	3.0	-184.4
53	611934.32	4826539.68	2.10	2	E	2000	68.7	0.0	0.0	0.0	0.0	45.1	0.5	-2.0	0.0	0.0	0.0	0.0	3.0	22.0
53	611934.32	4826539.68	2.10	2	E	4000	63.6	0.0	0.0	0.0	0.0	45.1	1.7	-2.0	0.0	0.0	0.0	0.0	3.0	15.7
53	611934.32	4826539.68	2.10	2	E	8000	55.7	0.0	0.0	0.0	0.0	45.1	5.9	-2.0	0.0	0.0	0.0	0.0	3.0	3.6
54	611934.32	4826539.68	2.10	2	D	2000	68.7	0.0	0.0	0.0	0.0	45.1	0.5	-2.4	0.0	0.0	0.0	0.0	3.0	22.5
54	611934.32	4826539.68	2.10	2	D	4000	63.6	0.0	0.0	0.0	0.0	45.1	1.7	-2.4	0.0	0.0	0.0	0.0	3.0	16.2
54	611934.32	4826539.68	2.10	2	D	8000	55.7	0.0	0.0	0.0	0.0	45.1	6.0	-2.4	0.0	0.0	0.0	0.0	3.0	4.0
54	611934.32	4826539.68	2.10	2	N	2000	68.7	0.0	-188.0	0.0	0.0	45.1	0.5	-2.4	0.0	0.0	0.0	0.0	3.0	-165.5
54	611934.32	4826539.68	2.10	2	N	4000	63.6	0.0	-188.0	0.0	0.0	45.1	1.7	-2.4	0.0	0.0	0.0	0.0	3.0	-171.8
54	611934.32	4826539.68	2.10	2	N	8000	55.7	0.0	-188.0	0.0	0.0	45.1	6.0	-2.4	0.0	0.0	0.0	0.0	3.0	-184.0
54	611934.32	4826539.68	2.10	2	E	2000	68.7	0.0	0.0	0.0	0.0	45.1	0.5	-2.4	0.0	0.0	0.0	0.0	3.0	22.5
54	611934.32	4826539.68	2.10	2	E	4000	63.6	0.0	0.0	0.0	0.0	45.1	1.7	-2.4	0.0	0.0	0.0	0.0	3.0	16.2
54	611934.32	4826539.68	2.10	2	E	8000	55.7	0.0	0.0	0.0	0.0	45.1	6.0	-2.4	0.0	0.0	0.0	0.0	3.0	4.0
56	611934.32	4826539.68	2.10	1	D	63	53.0	0.0	0.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	11.8
56	611934.32	4826539.68	2.10	1	D	125	62.2	0.0	0.0	0.0	0.0	42.2	0.0	-2.3	0.0	0.0	0.0	0.0	2.0	20.3
56	611934.32	4826539.68	2.10	1	D	250	65.6	0.0	0.0	0.0	0.0	42.2	0.0	-1.4	0.0	0.0	0.0	0.0	2.0	22.7
56	611934.32	4826539.68	2.10	1	D	500	69.0	0.0	0.0	0.0	0.0	42.2	0.1	-1.9	0.0	0.0	0.0	0.0	2.0	26.6
56	611934.32	4826539.68	2.10	1	D	1000	70.5	0.0	0.0	0.0	0.0	42.2	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	28.6
56	611934.32	4826539.68	2.10	1	D	2000	68.7	0.0	0.0	0.0	0.0	42.2	0.4	-2.5	0.0	0.0	0.0	0.0	2.0	26.6
56	611934.32	4826539.68	2.10	1	D	4000	63.6	0.0	0.0	0.0	0.0	42.2	1.2	-2.5	0.0	0.0	0.0	0.0	2.0	20.7
56	611934.32	4826539.68	2.10	1	D	8000	55.7	0.0	0.0	0.0	0.0	42.2	4.2	-2.5	0.0	0.0	0.0	0.0	2.0	9.8
56	611934.32	4826539.68	2.10	1	N	63	53.0	0.0	-188.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	0.0</			

Point Source, ISO 9613, Name: "NW Facade Exhaust Fan #04", ID: "C1_EF04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
56	611934.32	4826539.68	2.10	1	N	125	62.2	0.0	-188.0	0.0	0.0	42.2	0.0	-2.3	0.0	0.0	0.0	0.0	2.0	-167.7
56	611934.32	4826539.68	2.10	1	N	250	65.6	0.0	-188.0	0.0	0.0	42.2	0.0	-1.4	0.0	0.0	0.0	0.0	2.0	-165.3
56	611934.32	4826539.68	2.10	1	N	500	69.0	0.0	-188.0	0.0	0.0	42.2	0.1	-1.9	0.0	0.0	0.0	0.0	2.0	-161.4
56	611934.32	4826539.68	2.10	1	N	1000	70.5	0.0	-188.0	0.0	0.0	42.2	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	-159.4
56	611934.32	4826539.68	2.10	1	N	2000	68.7	0.0	-188.0	0.0	0.0	42.2	0.4	-2.5	0.0	0.0	0.0	0.0	2.0	-161.4
56	611934.32	4826539.68	2.10	1	N	4000	63.6	0.0	-188.0	0.0	0.0	42.2	1.2	-2.5	0.0	0.0	0.0	0.0	2.0	-167.3
56	611934.32	4826539.68	2.10	1	N	8000	55.7	0.0	-188.0	0.0	0.0	42.2	4.2	-2.5	0.0	0.0	0.0	0.0	2.0	-178.2
56	611934.32	4826539.68	2.10	1	E	63	53.0	0.0	0.0	0.0	0.0	42.2	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	11.8
56	611934.32	4826539.68	2.10	1	E	125	62.2	0.0	0.0	0.0	0.0	42.2	0.0	-2.3	0.0	0.0	0.0	0.0	2.0	20.3
56	611934.32	4826539.68	2.10	1	E	250	65.6	0.0	0.0	0.0	0.0	42.2	0.0	-1.4	0.0	0.0	0.0	0.0	2.0	22.7
56	611934.32	4826539.68	2.10	1	E	500	69.0	0.0	0.0	0.0	0.0	42.2	0.1	-1.9	0.0	0.0	0.0	0.0	2.0	26.6
56	611934.32	4826539.68	2.10	1	E	1000	70.5	0.0	0.0	0.0	0.0	42.2	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	28.6
56	611934.32	4826539.68	2.10	1	E	2000	68.7	0.0	0.0	0.0	0.0	42.2	0.4	-2.5	0.0	0.0	0.0	0.0	2.0	26.6
56	611934.32	4826539.68	2.10	1	E	4000	63.6	0.0	0.0	0.0	0.0	42.2	1.2	-2.5	0.0	0.0	0.0	0.0	2.0	20.7
56	611934.32	4826539.68	2.10	1	E	8000	55.7	0.0	0.0	0.0	0.0	42.2	4.2	-2.5	0.0	0.0	0.0	0.0	2.0	9.8
58	611934.32	4826539.68	2.10	1	D	2000	68.7	0.0	0.0	0.0	0.0	53.5	1.3	-3.6	0.0	0.0	0.0	0.0	2.0	15.5
58	611934.32	4826539.68	2.10	1	D	4000	63.6	0.0	0.0	0.0	0.0	53.5	4.3	-3.6	0.0	0.0	0.0	0.0	2.0	7.4
58	611934.32	4826539.68	2.10	1	D	8000	55.7	0.0	0.0	0.0	0.0	53.5	15.5	-3.6	0.0	0.0	0.0	0.0	2.0	-11.7
58	611934.32	4826539.68	2.10	1	N	2000	68.7	0.0	-188.0	0.0	0.0	53.5	1.3	-3.6	0.0	0.0	0.0	0.0	2.0	-172.5
58	611934.32	4826539.68	2.10	1	N	4000	63.6	0.0	-188.0	0.0	0.0	53.5	4.3	-3.6	0.0	0.0	0.0	0.0	2.0	-180.6
58	611934.32	4826539.68	2.10	1	N	8000	55.7	0.0	-188.0	0.0	0.0	53.5	15.5	-3.6	0.0	0.0	0.0	0.0	2.0	-199.7
58	611934.32	4826539.68	2.10	1	E	2000	68.7	0.0	0.0	0.0	0.0	53.5	1.3	-3.6	0.0	0.0	0.0	0.0	2.0	15.5
58	611934.32	4826539.68	2.10	1	E	4000	63.6	0.0	0.0	0.0	0.0	53.5	4.3	-3.6	0.0	0.0	0.0	0.0	2.0	7.4
58	611934.32	4826539.68	2.10	1	E	8000	55.7	0.0	0.0	0.0	0.0	53.5	15.5	-3.6	0.0	0.0	0.0	0.0	2.0	-11.7

Point Source, ISO 9613, Name: "Air Conditioner #05", ID: "C1_AC05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
60	611923.76	4826526.73	2.90	0	D	125	63.0	0.0	0.0	0.0	0.0	41.5	0.0	-2.8	0.0	0.0	0.0	0.0	0.0	24.2
60	611923.76	4826526.73	2.90	0	D	250	66.0	0.0	0.0	0.0	0.0	41.5	0.0	-2.5	0.0	0.0	0.0	0.0	0.0	26.9
60	611923.76	4826526.73	2.90	0	D	500	70.0	0.0	0.0	0.0	0.0	41.5	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	31.1
60	611923.76	4826526.73	2.90	0	D	1000	71.0	0.0	0.0	0.0	0.0	41.5	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	32.2
60	611923.76	4826526.73	2.90	0	D	2000	68.0	0.0	0.0	0.0	0.0	41.5	0.3	-2.8	0.0	0.0	0.0	0.0	0.0	29.0
60	611923.76	4826526.73	2.90	0	D	4000	62.0	0.0	0.0	0.0	0.0	41.5	1.1	-2.8	0.0	0.0	0.0	0.0	0.0	22.2
60	611923.76	4826526.73	2.90	0	D	8000	53.0	0.0	0.0	0.0	0.0	41.5	3.9	-2.8	0.0	0.0	0.0	0.0	0.0	10.4
60	611923.76	4826526.73	2.90	0	N	125	63.0	0.0	-3.0	0.0	0.0	41.5	0.0	-2.8	0.0	0.0	0.0	0.0	0.0	21.2
60	611923.76	4826526.73	2.90	0	N	250	66.0	0.0	-3.0	0.0	0.0	41.5	0.0	-2.5	0.0	0.0	0.0	0.0	0.0	23.9
60	611923.76	4826526.73	2.90	0	N	500	70.0	0.0	-3.0	0.0	0.0	41.5	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	28.1
60	611923.76	4826526.73	2.90	0	N	1000	71.0	0.0	-3.0	0.0	0.0	41.5	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	29.1
60	611923.76	4826526.73	2.90	0	N	2000	68.0	0.0	-3.0	0.0	0.0	41.5	0.3	-2.8	0.0	0.0	0.0	0.0	0.0	26.0
60	611923.76	4826526.73	2.90	0	N	4000	62.0	0.0	-3.0	0.0	0.0	41.5	1.1	-2.8	0.0	0.0	0.0	0.0	0.0	19.2
60	611923.76	4826526.73	2.90	0	N	8000	53.0	0.0	-3.0	0.0	0.0	41.5	3.9	-2.8	0.0	0.0	0.0	0.0	0.0	7.4
60	611923.76	4826526.73	2.90	0	E	125	63.0	0.0	0.0	0.0	0.0	41.5	0.0	-2.8	0.0	0.0	0.0	0.0	0.0	24.2
60	611923.76	4826526.73	2.90	0	E	250	66.0	0.0	0.0	0.0	0.0	41.5	0.0	-2.5	0.0	0.0	0.0	0.0	0.0	26.9
60	611923.76	4826526.73	2.90	0	E	500	70.0	0.0	0.0	0.0	0.0	41.5	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	31.1
60	611923.76	4826526.73	2.90	0	E	1000	71.0	0.0	0.0	0.0	0.0	41.5	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	32.2
60	611923.76	4826526.73	2.90	0	E	2000	68.0	0.0	0.0	0.0	0.0	41.5	0.3	-2.8	0.0	0.0	0.0	0.0	0.0	29.0
60	611923.76	4826526.73	2.90	0	E	4000	62.0	0.0	0.0	0.0	0.0	41.5	1.1	-2.8	0.0	0.0	0.0	0.0	0.0	22.2
60	611923.76	4826526.73	2.90	0	E	8000	53.0	0.0	0.0	0.0	0.0	41.5	3.9	-2.8	0.0	0.0	0.0	0.0	0.0	10.4
61	611923.76	4826526.73	2.90	2	D	250	66.0	0.0	0.0	0.0	0.0	47.4	0.1	-1.4	0.0	0.0	6.2	0.0	4.0	9.7
61	611923.76	4826526.73	2.90	2	D	500	70.0	0.0	0.0	0.0	0.0	47.4	0.1	-2.0	0.0	0.0	6.8	0.0	4.0	13.7
61	611923.76	4826526.73	2.90	2	D	1000	71.0	0.0	0.0	0.0	0.0	47.4	0.2	-2.5	0.0	0.0	7.3	0.0	4.0	14.5
61	611923.76	4826526.73	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	47.4	0.6	-2.6	0.0	0.0	7.4	0.0	4.0	11.1
61	611923.76	4826526.73	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	47.4	2.2	-2.6	0.0	0.0	7.4	0.0	4.0	3.6
61	611923.76	4826526.73	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	47.4	7.7	-2.6	0.0	0.0	7.4	0.0	4.0	-11.0
61	611923.76	4826526.73	2.90	2	N	250	66.0	0.0	-3.0	0.0	0.0	47.4	0.1	-1.4	0.0	0.0	6.2	0.0	4.0	6.7
61	611923.76	4826526.73	2.90	2	N	500	70.0	0.0	-3.0	0.0	0.0	47.4	0.1	-2.0	0.0	0.0	6.8	0.0	4.0	10.6
61	611923.76	4826526.73	2.90	2	N	1000	71.0	0.0	-3.0	0.0	0.0	47.4	0.2	-2.5	0.0	0.0	7.3	0.0	4.0	11.5
61	611923.76	4826526.73	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	47.4	0.6	-2.6	0.0	0.0	7.4	0.0	4.0	8.1
61	611923.76	4826526.73	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	47.4	2.2	-2.6	0.0	0.0	7.4	0.0	4.0	0.6
61	611923.76	4826526.73	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	47.4	7.7	-2.6	0.0	0.0	7.4	0.0	4.0	-14.0
61	611923.76	4826526.73	2.90	2	E	250	66.0	0.0	0.0	0.0	0.0	47.4	0.1	-1.4	0.0	0.0	6.2	0.0	4.0	9.7
61	611923.76	4826526.73	2.90	2	E	500	70.0	0.0	0.0	0.0	0.0	47.4	0.1	-2.0	0.0	0.0	6.8	0.0	4.0	13.7
61	611923.76	4826526.73	2.90	2	E	1000	71.0	0.0	0.0	0.0	0.0	47.4	0.2	-2.5	0.0	0.0	7.3	0.0	4.0	14.5

Point Source, ISO 9613, Name: "Air Conditioner #05", ID: "C1_AC05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
61	611923.76	4826526.73	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	47.4	0.6	-2.6	0.0	0.0	7.4	0.0	4.0	11.1
61	611923.76	4826526.73	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	47.4	2.2	-2.6	0.0	0.0	7.4	0.0	4.0	3.6
61	611923.76	4826526.73	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	47.4	7.7	-2.6	0.0	0.0	7.4	0.0	4.0	-11.0
63	611923.76	4826526.73	2.90	1	D	125	63.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.6	0.0	0.0	22.6	0.0	2.0	-3.2
63	611923.76	4826526.73	2.90	1	D	250	66.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	22.1	0.0	2.0	-0.3
63	611923.76	4826526.73	2.90	1	D	500	70.0	0.0	0.0	0.0	0.0	44.2	0.1	-2.4	0.0	0.0	22.4	0.0	2.0	3.7
63	611923.76	4826526.73	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	44.2	0.2	-2.7	0.0	0.0	27.7	0.0	2.0	-0.4
63	611923.76	4826526.73	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	44.2	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-3.7
63	611923.76	4826526.73	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	44.2	1.5	-2.7	0.0	0.0	27.7	0.0	2.0	-10.7
63	611923.76	4826526.73	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	44.2	5.3	-2.7	0.0	0.0	27.7	0.0	2.0	-23.6
63	611923.76	4826526.73	2.90	1	N	125	63.0	0.0	-3.0	0.0	0.0	44.2	0.0	-2.6	0.0	0.0	22.6	0.0	2.0	-6.2
63	611923.76	4826526.73	2.90	1	N	250	66.0	0.0	-3.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	22.1	0.0	2.0	-3.3
63	611923.76	4826526.73	2.90	1	N	500	70.0	0.0	-3.0	0.0	0.0	44.2	0.1	-2.4	0.0	0.0	22.4	0.0	2.0	0.7
63	611923.76	4826526.73	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	44.2	0.2	-2.7	0.0	0.0	27.7	0.0	2.0	-3.4
63	611923.76	4826526.73	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	44.2	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-6.7
63	611923.76	4826526.73	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	44.2	1.5	-2.7	0.0	0.0	27.7	0.0	2.0	-13.7
63	611923.76	4826526.73	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	44.2	5.3	-2.7	0.0	0.0	27.7	0.0	2.0	-26.6
63	611923.76	4826526.73	2.90	1	E	125	63.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.6	0.0	0.0	22.6	0.0	2.0	-3.2
63	611923.76	4826526.73	2.90	1	E	250	66.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	22.1	0.0	2.0	-0.3
63	611923.76	4826526.73	2.90	1	E	500	70.0	0.0	0.0	0.0	0.0	44.2	0.1	-2.4	0.0	0.0	22.4	0.0	2.0	3.7
63	611923.76	4826526.73	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	44.2	0.2	-2.7	0.0	0.0	27.7	0.0	2.0	-0.4
63	611923.76	4826526.73	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	44.2	0.4	-2.7	0.0	0.0	27.7	0.0	2.0	-3.7
63	611923.76	4826526.73	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	44.2	1.5	-2.7	0.0	0.0	27.7	0.0	2.0	-10.7
63	611923.76	4826526.73	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	44.2	5.3	-2.7	0.0	0.0	27.7	0.0	2.0	-23.6
64	611923.76	4826526.73	2.90	1	D	125	63.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	19.4
64	611923.76	4826526.73	2.90	1	D	250	66.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	0.0	0.0	2.0	21.9
64	611923.76	4826526.73	2.90	1	D	500	70.0	0.0	0.0	0.0	0.0	44.2	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	26.2
64	611923.76	4826526.73	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	44.2	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	27.4
64	611923.76	4826526.73	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	44.2	0.4	-2.7	0.0	0.0	0.0	0.0	2.0	24.1
64	611923.76	4826526.73	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	44.2	1.5	-2.7	0.0	0.0	0.0	0.0	2.0	17.1
64	611923.76	4826526.73	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	44.2	5.3	-2.7	0.0	0.0	0.0	0.0	2.0	4.3
64	611923.76	4826526.73	2.90	1	N	125	63.0	0.0	-3.0	0.0	0.0	44.2	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	16.4
64	611923.76	4826526.73	2.90	1	N	250	66.0	0.0	-3.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	0.0	0.0	2.0	18.9
64	611923.76	4826526.73	2.90	1	N	500	70.0	0.0	-3.0	0.0	0.0	44.2	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	23.2
64	611923.76	4826526.73	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	44.2	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	24.4
64	611923.76	4826526.73	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	44.2	0.4	-2.7	0.0	0.0	0.0	0.0	2.0	21.1
64	611923.76	4826526.73	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	44.2	1.5	-2.7	0.0	0.0	0.0	0.0	2.0	14.1
64	611923.76	4826526.73	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	44.2	5.3	-2.7	0.0	0.0	0.0	0.0	2.0	1.3
64	611923.76	4826526.73	2.90	1	E	125	63.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	19.4
64	611923.76	4826526.73	2.90	1	E	250	66.0	0.0	0.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	0.0	0.0	2.0	21.9
64	611923.76	4826526.73	2.90	1	E	500	70.0	0.0	0.0	0.0	0.0	44.2	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	26.2
64	611923.76	4826526.73	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	44.2	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	27.4
64	611923.76	4826526.73	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	44.2	0.4	-2.7	0.0	0.0	0.0	0.0	2.0	24.1
64	611923.76	4826526.73	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	44.2	1.5	-2.7	0.0	0.0	0.0	0.0	2.0	17.1
64	611923.76	4826526.73	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	44.2	5.3	-2.7	0.0	0.0	0.0	0.0	2.0	4.3
65	611923.76	4826526.73	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	46.0	0.5	-2.3	0.0	0.0	0.0	0.0	3.0	20.8
65	611923.76	4826526.73	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	46.0	1.8	-2.3	0.0	0.0	0.0	0.0	3.0	13.5
65	611923.76	4826526.73	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	46.0	6.6	-2.3	0.0	0.0	0.0	0.0	3.0	-0.3
65	611923.76	4826526.73	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	46.0	0.5	-2.3	0.0	0.0	0.0	0.0	3.0	17.7
65	611923.76	4826526.73	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	46.0	1.8	-2.3	0.0	0.0	0.0	0.0	3.0	10.4
65	611923.76	4826526.73	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	46.0	6.6	-2.3	0.0	0.0	0.0	0.0	3.0	-3.3
65	611923.76	4826526.73	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	46.0	0.5	-2.3	0.0	0.0	0.0	0.0	3.0	20.8
65	611923.76	4826526.73	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	46.0	1.8	-2.3	0.0	0.0	0.0	0.0	3.0	13.5
65	611923.76	4826526.73	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	46.0	6.6	-2.3	0.0	0.0	0.0	0.0	3.0	-0.3
67	611923.76	4826526.73	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	47.0	0.6	-2.6	0.0	0.0	0.0	0.0	3.0	20.0
67	611923.76	4826526.73	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	47.0	2.1	-2.6	0.0	0.0	0.0	0.0	3.0	12.5
67	611923.76	4826526.73	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	47.0	7.4	-2.6	0.0	0.0	0.0	0.0	3.0	-1.8
67	611923.76	4826526.73	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	47.0	0.6	-2.6	0.0	0.0	0.0	0.0	3.0	17.0
67	611923.76	4826526.73	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	47.0	2.1	-2.6	0.0	0.0	0.0	0.0	3.0	9.5
67	611923.76	4826526.73	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	47.0	7.4	-2.6	0.0	0.0	0.0	0.0	3.0	-4.8
67	611923.76	4826526.73	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	47.0	0.6	-2.6	0.0	0.0	0.0	0.0	3.0	20.0
67	611923.76	4826526.73	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	47.0	2.1	-2.6	0.0	0.0	0.0	0.0	3.0	12.5
67	611923.76	4826526.73	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	47.0	7.4	-2.6	0.0	0.0	0.0	0.0	3.0	-1.8
69	611923.76	4826526.73	2.90	1	D	125	63.0	0.0	0.0	0.0	0.0	44.6	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	19.0

Point Source, ISO 9613, Name: "Air Conditioner #05", ID: "C1_AC05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
69	611923.76	4826526.73	2.90	1	D	250	66.0	0.0	0.0	0.0	0.0	44.6	0.1	-2.1	0.0	0.0	0.0	0.0	2.0	21.5
69	611923.76	4826526.73	2.90	1	D	500	70.0	0.0	0.0	0.0	0.0	44.6	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	25.7
69	611923.76	4826526.73	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	44.6	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	26.9
69	611923.76	4826526.73	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	44.6	0.5	-2.7	0.0	0.0	0.0	0.0	2.0	23.6
69	611923.76	4826526.73	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	44.6	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	16.5
69	611923.76	4826526.73	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	44.6	5.6	-2.7	0.0	0.0	0.0	0.0	2.0	3.5
69	611923.76	4826526.73	2.90	1	N	125	63.0	0.0	-3.0	0.0	0.0	44.6	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	15.9
69	611923.76	4826526.73	2.90	1	N	250	66.0	0.0	-3.0	0.0	0.0	44.6	0.1	-2.1	0.0	0.0	0.0	0.0	2.0	18.5
69	611923.76	4826526.73	2.90	1	N	500	70.0	0.0	-3.0	0.0	0.0	44.6	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	22.7
69	611923.76	4826526.73	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	44.6	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	23.9
69	611923.76	4826526.73	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	44.6	0.5	-2.7	0.0	0.0	0.0	0.0	2.0	20.6
69	611923.76	4826526.73	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	44.6	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	13.5
69	611923.76	4826526.73	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	44.6	5.6	-2.7	0.0	0.0	0.0	0.0	2.0	0.5
69	611923.76	4826526.73	2.90	1	E	125	63.0	0.0	0.0	0.0	0.0	44.6	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	19.0
69	611923.76	4826526.73	2.90	1	E	250	66.0	0.0	0.0	0.0	0.0	44.6	0.1	-2.1	0.0	0.0	0.0	0.0	2.0	21.5
69	611923.76	4826526.73	2.90	1	E	500	70.0	0.0	0.0	0.0	0.0	44.6	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	25.7
69	611923.76	4826526.73	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	44.6	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	26.9
69	611923.76	4826526.73	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	44.6	0.5	-2.7	0.0	0.0	0.0	0.0	2.0	23.6
69	611923.76	4826526.73	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	44.6	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	16.5
69	611923.76	4826526.73	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	44.6	5.6	-2.7	0.0	0.0	0.0	0.0	2.0	3.5
71	611923.76	4826526.73	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	54.5	1.4	-3.3	0.0	0.0	0.0	0.0	2.0	13.4
71	611923.76	4826526.73	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	54.5	4.9	-3.3	0.0	0.0	0.0	0.0	2.0	4.0
71	611923.76	4826526.73	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	54.5	17.5	-3.3	0.0	0.0	0.0	0.0	2.0	-17.6
71	611923.76	4826526.73	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	54.5	1.4	-3.3	0.0	0.0	0.0	0.0	2.0	10.4
71	611923.76	4826526.73	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	54.5	4.9	-3.3	0.0	0.0	0.0	0.0	2.0	1.0
71	611923.76	4826526.73	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	54.5	17.5	-3.3	0.0	0.0	0.0	0.0	2.0	-20.6
71	611923.76	4826526.73	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	54.5	1.4	-3.3	0.0	0.0	0.0	0.0	2.0	13.4
71	611923.76	4826526.73	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	54.5	4.9	-3.3	0.0	0.0	0.0	0.0	2.0	4.0
71	611923.76	4826526.73	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	54.5	17.5	-3.3	0.0	0.0	0.0	0.0	2.0	-17.6
72	611923.76	4826526.73	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	61.6	11.0	-4.5	0.0	0.0	0.0	0.0	4.0	-10.1
72	611923.76	4826526.73	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	61.6	39.4	-4.5	0.0	0.0	0.0	0.0	4.0	-47.5
72	611923.76	4826526.73	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	61.6	11.0	-4.5	0.0	0.0	0.0	0.0	4.0	-13.1
72	611923.76	4826526.73	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	61.6	39.4	-4.5	0.0	0.0	0.0	0.0	4.0	-50.5
72	611923.76	4826526.73	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	61.6	11.0	-4.5	0.0	0.0	0.0	0.0	4.0	-10.1
72	611923.76	4826526.73	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	61.6	39.4	-4.5	0.0	0.0	0.0	0.0	4.0	-47.5
73	611923.76	4826526.73	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	61.9	3.4	-4.6	0.0	0.0	9.3	0.0	4.0	-6.1
73	611923.76	4826526.73	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	61.9	11.5	-4.6	0.0	0.0	9.3	0.0	4.0	-20.3
73	611923.76	4826526.73	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	61.9	41.2	-4.6	0.0	0.0	9.3	0.0	4.0	-58.9
73	611923.76	4826526.73	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	61.9	3.4	-4.6	0.0	0.0	9.3	0.0	4.0	-9.1
73	611923.76	4826526.73	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	61.9	11.5	-4.6	0.0	0.0	9.3	0.0	4.0	-23.3
73	611923.76	4826526.73	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	61.9	41.2	-4.6	0.0	0.0	9.3	0.0	4.0	-61.9
73	611923.76	4826526.73	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	61.9	3.4	-4.6	0.0	0.0	9.3	0.0	4.0	-6.1
73	611923.76	4826526.73	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	61.9	11.5	-4.6	0.0	0.0	9.3	0.0	4.0	-20.3
73	611923.76	4826526.73	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	61.9	41.2	-4.6	0.0	0.0	9.3	0.0	4.0	-58.9
75	611923.76	4826526.73	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	57.8	7.2	-3.2	0.0	0.0	0.0	0.0	2.0	-1.7
75	611923.76	4826526.73	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	57.8	25.6	-3.2	0.0	0.0	0.0	0.0	2.0	-29.1
75	611923.76	4826526.73	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	57.8	7.2	-3.2	0.0	0.0	0.0	0.0	2.0	-4.7
75	611923.76	4826526.73	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	57.8	25.6	-3.2	0.0	0.0	0.0	0.0	2.0	-32.1
75	611923.76	4826526.73	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	57.8	7.2	-3.2	0.0	0.0	0.0	0.0	2.0	-1.7
75	611923.76	4826526.73	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	57.8	25.6	-3.2	0.0	0.0	0.0	0.0	2.0	-29.1
77	611923.76	4826526.73	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	58.4	0.9	-3.0	0.0	0.0	7.9	0.0	2.0	4.8
77	611923.76	4826526.73	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	58.4	2.3	-3.4	0.0	0.0	8.5	0.0	2.0	0.2
77	611923.76	4826526.73	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	58.4	7.7	-3.4	0.0	0.0	8.9	0.0	2.0	-11.6
77	611923.76	4826526.73	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	58.4	27.3	-3.4	0.0	0.0	9.5	0.0		

Point Source, ISO 9613, Name: "Rooftop Exhaust Fan #2", ID: "Opt1_C1_EF02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
79	611894.35	4826487.16	7.75	0	DEN	32	39.2	0.0	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-7.1
79	611894.35	4826487.16	7.75	0	DEN	63	53.8	0.0	0.0	0.0	0.0	49.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.5
79	611894.35	4826487.16	7.75	0	DEN	125	69.4	0.0	0.0	0.0	0.0	49.2	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	22.7
79	611894.35	4826487.16	7.75	0	DEN	250	70.5	0.0	0.0	0.0	0.0	49.2	0.1	-2.2	0.0	0.0	0.0	0.0	0.0	23.3
79	611894.35	4826487.16	7.75	0	DEN	500	75.1	0.0	0.0	0.0	0.0	49.2	0.2	-2.4	0.0	0.0	0.0	0.0	0.0	28.0
79	611894.35	4826487.16	7.75	0	DEN	1000	74.6	0.0	0.0	0.0	0.0	49.2	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	27.7
79	611894.35	4826487.16	7.75	0	DEN	2000	74.4	0.0	0.0	0.0	0.0	49.2	0.8	-2.8	0.0	0.0	0.0	0.0	0.0	27.1
79	611894.35	4826487.16	7.75	0	DEN	4000	71.7	0.0	0.0	0.0	0.0	49.2	2.7	-2.8	0.0	0.0	0.0	0.0	0.0	22.5
79	611894.35	4826487.16	7.75	0	DEN	8000	64.7	0.0	0.0	0.0	0.0	49.2	9.6	-2.8	0.0	0.0	0.0	0.0	0.0	8.6
80	611894.35	4826487.16	7.75	1	DEN	125	69.4	0.0	0.0	0.0	0.0	49.8	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	20.0
80	611894.35	4826487.16	7.75	1	DEN	250	70.5	0.0	0.0	0.0	0.0	49.8	0.1	-1.7	0.0	0.0	0.0	0.0	2.0	20.3
80	611894.35	4826487.16	7.75	1	DEN	500	75.1	0.0	0.0	0.0	0.0	49.8	0.2	-2.0	0.0	0.0	0.0	0.0	2.0	25.1
80	611894.35	4826487.16	7.75	1	DEN	1000	74.6	0.0	0.0	0.0	0.0	49.8	0.3	-2.5	0.0	0.0	0.0	0.0	2.0	25.0
80	611894.35	4826487.16	7.75	1	DEN	2000	74.4	0.0	0.0	0.0	0.0	49.8	0.8	-2.6	0.0	0.0	0.0	0.0	2.0	24.4
80	611894.35	4826487.16	7.75	1	DEN	4000	71.7	0.0	0.0	0.0	0.0	49.8	2.8	-2.6	0.0	0.0	0.0	0.0	2.0	19.7
80	611894.35	4826487.16	7.75	1	DEN	8000	64.7	0.0	0.0	0.0	0.0	49.8	10.1	-2.6	0.0	0.0	0.0	0.0	2.0	5.4
82	611894.35	4826487.16	7.75	1	DEN	2000	74.4	0.0	0.0	0.0	0.0	57.0	1.9	-3.0	0.0	0.0	7.8	0.0	2.0	8.7
82	611894.35	4826487.16	7.75	1	DEN	4000	71.7	0.0	0.0	0.0	0.0	57.0	6.5	-3.0	0.0	0.0	7.8	0.0	2.0	1.4
82	611894.35	4826487.16	7.75	1	DEN	8000	64.7	0.0	0.0	0.0	0.0	57.0	23.2	-3.0	0.0	0.0	7.8	0.0	2.0	-22.3
85	611894.35	4826487.16	7.75	2	DEN	2000	74.4	0.0	0.0	0.0	0.0	60.2	2.8	-3.1	0.0	0.0	0.0	0.0	4.0	10.4
85	611894.35	4826487.16	7.75	2	DEN	4000	71.7	0.0	0.0	0.0	0.0	60.2	9.5	-3.1	0.0	0.0	0.0	0.0	4.0	1.1
85	611894.35	4826487.16	7.75	2	DEN	8000	64.7	0.0	0.0	0.0	0.0	60.2	33.7	-3.1	0.0	0.0	0.0	0.0	4.0	-30.2
87	611894.35	4826487.16	7.75	1	DEN	500	75.1	0.0	0.0	0.0	0.0	55.6	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	19.0
87	611894.35	4826487.16	7.75	1	DEN	1000	74.6	0.0	0.0	0.0	0.0	55.6	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	18.9
87	611894.35	4826487.16	7.75	1	DEN	2000	74.4	0.0	0.0	0.0	0.0	55.6	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	17.7
87	611894.35	4826487.16	7.75	1	DEN	4000	71.7	0.0	0.0	0.0	0.0	55.6	5.6	-2.7	0.0	0.0	0.0	0.0	2.0	11.1
87	611894.35	4826487.16	7.75	1	DEN	8000	64.7	0.0	0.0	0.0	0.0	55.6	19.9	-2.7	0.0	0.0	0.0	0.0	2.0	-10.2

Point Source, ISO 9613, Name: "Rooftop HVAC Unit #02", ID: "C1_RTU02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
88	611925.21	4826526.42	6.50	0	D	32	36.4	0.0	0.0	0.0	0.0	41.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-2.2
88	611925.21	4826526.42	6.50	0	D	63	48.7	0.0	0.0	0.0	0.0	41.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.1
88	611925.21	4826526.42	6.50	0	D	125	58.6	0.0	0.0	0.0	0.0	41.6	0.0	-2.7	0.0	0.0	0.0	0.0	0.0	19.7
88	611925.21	4826526.42	6.50	0	D	250	63.5	0.0	0.0	0.0	0.0	41.6	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	24.5
88	611925.21	4826526.42	6.50	0	D	500	66.8	0.0	0.0	0.0	0.0	41.6	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	27.8
88	611925.21	4826526.42	6.50	0	D	1000	68.2	0.0	0.0	0.0	0.0	41.6	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	29.3
88	611925.21	4826526.42	6.50	0	D	2000	66.4	0.0	0.0	0.0	0.0	41.6	0.3	-2.8	0.0	0.0	0.0	0.0	0.0	27.3
88	611925.21	4826526.42	6.50	0	D	4000	63.9	0.0	0.0	0.0	0.0	41.6	1.1	-2.8	0.0	0.0	0.0	0.0	0.0	24.0
88	611925.21	4826526.42	6.50	0	D	8000	56.3	0.0	0.0	0.0	0.0	41.6	4.0	-2.8	0.0	0.0	0.0	0.0	0.0	13.6
88	611925.21	4826526.42	6.50	0	N	32	36.4	0.0	-3.0	0.0	0.0	41.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2
88	611925.21	4826526.42	6.50	0	N	63	48.7	0.0	-3.0	0.0	0.0	41.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.1
88	611925.21	4826526.42	6.50	0	N	125	58.6	0.0	-3.0	0.0	0.0	41.6	0.0	-2.7	0.0	0.0	0.0	0.0	0.0	16.7
88	611925.21	4826526.42	6.50	0	N	250	63.5	0.0	-3.0	0.0	0.0	41.6	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	21.5
88	611925.21	4826526.42	6.50	0	N	500	66.8	0.0	-3.0	0.0	0.0	41.6	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	24.8
88	611925.21	4826526.42	6.50	0	N	1000	68.2	0.0	-3.0	0.0	0.0	41.6	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	26.3
88	611925.21	4826526.42	6.50	0	N	2000	66.4	0.0	-3.0	0.0	0.0	41.6	0.3	-2.8	0.0	0.0	0.0	0.0	0.0	24.3
88	611925.21	4826526.42	6.50	0	N	4000	63.9	0.0	-3.0	0.0	0.0	41.6	1.1	-2.8	0.0	0.0	0.0	0.0	0.0	21.0
88	611925.21	4826526.42	6.50	0	N	8000	56.3	0.0	-3.0	0.0	0.0	41.6	4.0	-2.8	0.0	0.0	0.0	0.0	0.0	10.5
88	611925.21	4826526.42	6.50	0	E	32	36.4	0.0	0.0	0.0	0.0	41.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-2.2
88	611925.21	4826526.42	6.50	0	E	63	48.7	0.0	0.0	0.0	0.0	41.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.1
88	611925.21	4826526.42	6.50	0	E	125	58.6	0.0	0.0	0.0	0.0	41.6	0.0	-2.7	0.0	0.0	0.0	0.0	0.0	19.7
88	611925.21	4826526.42	6.50	0	E	250	63.5	0.0	0.0	0.0	0.0	41.6	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	24.5
88	611925.21	4826526.42	6.50	0	E	500	66.8	0.0	0.0	0.0	0.0	41.6	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	27.8
88	611925.21	4826526.42	6.50	0	E	1000	68.2	0.0	0.0	0.0	0.0	41.6	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	29.3
88	611925.21	4826526.42	6.50	0	E	2000	66.4	0.0	0.0	0.0	0.0	41.6	0.3	-2.8	0.0	0.0	0.0	0.0	0.0	27.3
88	611925.21	4826526.42	6.50	0	E	4000	63.9	0.0	0.0	0.0	0.0	41.6	1.1	-2.8	0.0	0.0	0.0	0.0	0.0	24.0
88	611925.21	4826526.42	6.50	0	E	8000	56.3	0.0	0.0	0.0	0.0	41.6	4.0	-2.8	0.0	0.0	0.0	0.0	0.0	13.6
89	611925.21	4826526.42	6.50	2	D	250	63.5	0.0	0.0	0.0	0.0	47.6	0.1	-1.9	0.0	0.0	0.0	0.0	4.0	13.7
89	611925.21	4826526.42	6.50	2	D	500	66.8	0.0	0.0	0.0	0.0	47.6	0.1	-2.1	0.0	0.0	0.0	0.0	4.0	17.2
89	611925.21	4826526.42	6.50	2	D	1000	68.2	0.0	0.0	0.0	0.0	47.6	0.2	-2.6	0.0	0.0	0.0	0.0	4.0	18.9
89	611925.21	4826526.42	6.50	2	D	2000	66.4	0.0	0.0	0.0	0.0	47.6	0.7	-2.6	0.0	0.0	0.0	0.0	4.0	16.8
89	611925.21	4826526.42	6.50	2	D	4000	63.9	0.0	0.0	0.0	0.0	47.6	2.2	-2.6	0.0	0.0	0.0	0.0	4.0	12.7
89	611925.21	4826526.42	6.50	2	D	8000	56.3	0.0	0.0	0.0	0.0	47.6	7.9	-2.6	0.0	0.0	0.0	0.0	4.0	-0.6

Point Source, ISO 9613, Name: "Rooftop HVAC Unit #02", ID: "C1_RTU02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
89	611925.21	4826526.42	6.50	2	N	250	63.5	0.0	-3.0	0.0	0.0	47.6	0.1	-1.9	0.0	0.0	0.0	0.0	4.0	10.7
89	611925.21	4826526.42	6.50	2	N	500	66.8	0.0	-3.0	0.0	0.0	47.6	0.1	-2.1	0.0	0.0	0.0	0.0	4.0	14.2
89	611925.21	4826526.42	6.50	2	N	1000	68.2	0.0	-3.0	0.0	0.0	47.6	0.2	-2.6	0.0	0.0	0.0	0.0	4.0	15.9
89	611925.21	4826526.42	6.50	2	N	2000	66.4	0.0	-3.0	0.0	0.0	47.6	0.7	-2.6	0.0	0.0	0.0	0.0	4.0	13.8
89	611925.21	4826526.42	6.50	2	N	4000	63.9	0.0	-3.0	0.0	0.0	47.6	2.2	-2.6	0.0	0.0	0.0	0.0	4.0	9.7
89	611925.21	4826526.42	6.50	2	N	8000	56.3	0.0	-3.0	0.0	0.0	47.6	7.9	-2.6	0.0	0.0	0.0	0.0	4.0	-3.6
89	611925.21	4826526.42	6.50	2	E	250	63.5	0.0	0.0	0.0	0.0	47.6	0.1	-1.9	0.0	0.0	0.0	0.0	4.0	13.7
89	611925.21	4826526.42	6.50	2	E	500	66.8	0.0	0.0	0.0	0.0	47.6	0.1	-2.1	0.0	0.0	0.0	0.0	4.0	17.2
89	611925.21	4826526.42	6.50	2	E	1000	68.2	0.0	0.0	0.0	0.0	47.6	0.2	-2.6	0.0	0.0	0.0	0.0	4.0	18.9
89	611925.21	4826526.42	6.50	2	E	2000	66.4	0.0	0.0	0.0	0.0	47.6	0.7	-2.6	0.0	0.0	0.0	0.0	4.0	16.8
89	611925.21	4826526.42	6.50	2	E	4000	63.9	0.0	0.0	0.0	0.0	47.6	2.2	-2.6	0.0	0.0	0.0	0.0	4.0	12.7
89	611925.21	4826526.42	6.50	2	E	8000	56.3	0.0	0.0	0.0	0.0	47.6	7.9	-2.6	0.0	0.0	0.0	0.0	4.0	-0.6
92	611925.21	4826526.42	6.50	1	D	32	36.4	0.0	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	17.8	0.0	2.0	-24.8
92	611925.21	4826526.42	6.50	1	D	63	48.7	0.0	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	20.6	0.0	2.0	-15.3
92	611925.21	4826526.42	6.50	1	D	125	58.6	0.0	0.0	0.0	0.0	44.4	0.0	-2.7	0.0	0.0	22.7	0.0	2.0	-7.8
92	611925.21	4826526.42	6.50	1	D	250	63.5	0.0	0.0	0.0	0.0	44.4	0.0	-2.4	0.0	0.0	22.4	0.0	2.0	-2.9
92	611925.21	4826526.42	6.50	1	D	500	66.8	0.0	0.0	0.0	0.0	44.4	0.1	-2.5	0.0	0.0	22.5	0.0	2.0	0.3
92	611925.21	4826526.42	6.50	1	D	1000	68.2	0.0	0.0	0.0	0.0	44.4	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-3.3
92	611925.21	4826526.42	6.50	1	D	2000	66.4	0.0	0.0	0.0	0.0	44.4	0.5	-2.8	0.0	0.0	27.8	0.0	2.0	-5.4
92	611925.21	4826526.42	6.50	1	D	4000	63.9	0.0	0.0	0.0	0.0	44.4	1.5	-2.8	0.0	0.0	27.8	0.0	2.0	-9.0
92	611925.21	4826526.42	6.50	1	D	8000	56.3	0.0	0.0	0.0	0.0	44.4	5.4	-2.8	0.0	0.0	27.8	0.0	2.0	-20.5
92	611925.21	4826526.42	6.50	1	N	32	36.4	0.0	-3.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	17.8	0.0	2.0	-27.8
92	611925.21	4826526.42	6.50	1	N	63	48.7	0.0	-3.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	20.6	0.0	2.0	-18.3
92	611925.21	4826526.42	6.50	1	N	125	58.6	0.0	-3.0	0.0	0.0	44.4	0.0	-2.7	0.0	0.0	22.7	0.0	2.0	-10.8
92	611925.21	4826526.42	6.50	1	N	250	63.5	0.0	-3.0	0.0	0.0	44.4	0.0	-2.4	0.0	0.0	22.4	0.0	2.0	-5.9
92	611925.21	4826526.42	6.50	1	N	500	66.8	0.0	-3.0	0.0	0.0	44.4	0.1	-2.5	0.0	0.0	22.5	0.0	2.0	-2.7
92	611925.21	4826526.42	6.50	1	N	1000	68.2	0.0	-3.0	0.0	0.0	44.4	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-6.4
92	611925.21	4826526.42	6.50	1	N	2000	66.4	0.0	-3.0	0.0	0.0	44.4	0.5	-2.8	0.0	0.0	27.8	0.0	2.0	-8.4
92	611925.21	4826526.42	6.50	1	N	4000	63.9	0.0	-3.0	0.0	0.0	44.4	1.5	-2.8	0.0	0.0	27.8	0.0	2.0	-12.0
92	611925.21	4826526.42	6.50	1	N	8000	56.3	0.0	-3.0	0.0	0.0	44.4	5.4	-2.8	0.0	0.0	27.8	0.0	2.0	-23.5
92	611925.21	4826526.42	6.50	1	E	32	36.4	0.0	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	17.8	0.0	2.0	-24.8
92	611925.21	4826526.42	6.50	1	E	63	48.7	0.0	0.0	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	20.6	0.0	2.0	-15.3
92	611925.21	4826526.42	6.50	1	E	125	58.6	0.0	0.0	0.0	0.0	44.4	0.0	-2.7	0.0	0.0	22.7	0.0	2.0	-7.8
92	611925.21	4826526.42	6.50	1	E	250	63.5	0.0	0.0	0.0	0.0	44.4	0.0	-2.4	0.0	0.0	22.4	0.0	2.0	-2.9
92	611925.21	4826526.42	6.50	1	E	500	66.8	0.0	0.0	0.0	0.0	44.4	0.1	-2.5	0.0	0.0	22.5	0.0	2.0	0.3
92	611925.21	4826526.42	6.50	1	E	1000	68.2	0.0	0.0	0.0	0.0	44.4	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-3.3
92	611925.21	4826526.42	6.50	1	E	2000	66.4	0.0	0.0	0.0	0.0	44.4	0.5	-2.8	0.0	0.0	27.8	0.0	2.0	-5.4
92	611925.21	4826526.42	6.50	1	E	4000	63.9	0.0	0.0	0.0	0.0	44.4	1.5	-2.8	0.0	0.0	27.8	0.0	2.0	-9.0
92	611925.21	4826526.42	6.50	1	E	8000	56.3	0.0	0.0	0.0	0.0	44.4	5.4	-2.8	0.0	0.0	27.8	0.0	2.0	-20.5
94	611925.21	4826526.42	6.50	1	D	32	36.4	0.0	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-6.9
94	611925.21	4826526.42	6.50	1	D	63	48.7	0.0	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	5.4
94	611925.21	4826526.42	6.50	1	D	125	58.6	0.0	0.0	0.0	0.0	44.3	0.0	-2.7	0.0	0.0	0.0	0.0	2.0	15.0
94	611925.21	4826526.42	6.50	1	D	250	63.5	0.0	0.0	0.0	0.0	44.3	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	19.5
94	611925.21	4826526.42	6.50	1	D	500	66.8	0.0	0.0	0.0	0.0	44.3	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	22.9
94	611925.21	4826526.42	6.50	1	D	1000	68.2	0.0	0.0	0.0	0.0	44.3	0.2	-2.8	0.0	0.0	0.0	0.0	2.0	24.5
94	611925.21	4826526.42	6.50	1	D	2000	66.4	0.0	0.0	0.0	0.0	44.3	0.4	-2.8	0.0	0.0	0.0	0.0	2.0	22.4
94	611925.21	4826526.42	6.50	1	D	4000	63.9	0.0	0.0	0.0	0.0	44.3	1.5	-2.8	0.0	0.0	0.0	0.0	2.0	18.9
94	611925.21	4826526.42	6.50	1	D	8000	56.3	0.0	0.0	0.0	0.0	44.3	5.4	-2.8	0.0	0.0	0.0	0.0	2.0	7.4
94	611925.21	4826526.42	6.50	1	N	32	36.4	0.0	-3.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-9.9
94	611925.21	4826526.42	6.50	1	N	63	48.7	0.0	-3.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	2.4
94	611925.21	4826526.42	6.50	1	N	125	58.6	0.0	-3.0	0.0	0.0	44.3	0.0	-2.7	0.0	0.0	0.0	0.0	2.0	11.9
94	611925.21	4826526.42	6.50	1	N	250	63.5	0.0	-3.0	0.0	0.0	44.3	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	16.5
94	611925.21	4826526.42	6.50	1	N	500	66.8	0.0	-3.0	0.0	0.0	44.3	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	19.9
94	611925.21	4826526.42	6.50	1	N	1000	68.2	0.0	-3.0	0.0	0.0	44.3	0.2	-2.8	0.0	0.0	0.0	0.0	2.0	21.5
94	611925.21	4826526.42	6.50	1	N	2000	66.4	0.0	-3.0	0.0	0.0	44.3	0.4	-2.8	0.0	0.0	0.0	0.0	2.0	19.4
94	611925.21	4826526.42	6.50	1	N	4000	63.9	0.0	-3.0	0.0	0.0	44.3	1.5	-2.8	0.0	0.0	0.0	0.0	2.0	15.8
94	611925.21	4826526.42	6.50	1	N	8000	56.3	0.0	-3.0	0.0	0.0	44.3	5.4	-2.8	0.0	0.0	0.0	0.0	2.0	4.4
94	611925.21	4826526.42	6.50	1	E	32	36.4	0.0	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-6.9
94	611925.21	4826526.42	6.50	1	E	63	48.7	0.0	0.0	0.0	0.0	44.3	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	5.4
94	611925.21	4826526.42	6.50	1	E	125	58.6	0.0	0.0	0.0	0.0	44.3	0.0	-2.7	0.0	0.0	0.0	0.0	2.0	15.0
94	611925.21	4826526.42	6.50	1	E	250	63.5	0.0	0.0	0.0	0.0	44.3	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	19.5
94	611925.21	4826526.42	6.50	1	E	500	66.8	0.0	0.0	0.0	0.0	44.3	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	22.9
94	611925.21	4826526.42	6.50	1	E	1000	68.2	0.0	0.0	0.0	0.0	44.3	0.2	-2.8	0.0	0.0	0.0	0.0	2.0	24.5
94	611925.21	4826526.42	6.50	1	E	2000	66.4	0.0	0.0	0.0	0.0	44.3	0.4	-2.8	0.0	0.0	0.0	0.0	2.0	22.4

Point Source, ISO 9613, Name: "Rooftop HVAC Unit #02", ID: "C1_RTU02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
94	611925.21	4826526.42	6.50	1	E	4000	63.9	0.0	0.0	0.0	0.0	44.3	1.5	-2.8	0.0	0.0	0.0	0.0	2.0	18.9
94	611925.21	4826526.42	6.50	1	E	8000	56.3	0.0	0.0	0.0	0.0	44.3	5.4	-2.8	0.0	0.0	0.0	0.0	2.0	7.4
95	611925.21	4826526.42	6.50	1	D	63	48.7	0.0	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	5.0
95	611925.21	4826526.42	6.50	1	D	125	58.6	0.0	0.0	0.0	0.0	44.7	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	14.4
95	611925.21	4826526.42	6.50	1	D	250	63.5	0.0	0.0	0.0	0.0	44.7	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	19.1
95	611925.21	4826526.42	6.50	1	D	500	66.8	0.0	0.0	0.0	0.0	44.7	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	22.5
95	611925.21	4826526.42	6.50	1	D	1000	68.2	0.0	0.0	0.0	0.0	44.7	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	24.0
95	611925.21	4826526.42	6.50	1	D	2000	66.4	0.0	0.0	0.0	0.0	44.7	0.5	-2.7	0.0	0.0	0.0	0.0	2.0	21.9
95	611925.21	4826526.42	6.50	1	D	4000	63.9	0.0	0.0	0.0	0.0	44.7	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	18.3
95	611925.21	4826526.42	6.50	1	D	8000	56.3	0.0	0.0	0.0	0.0	44.7	5.7	-2.7	0.0	0.0	0.0	0.0	2.0	6.6
95	611925.21	4826526.42	6.50	1	N	63	48.7	0.0	-3.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	2.0
95	611925.21	4826526.42	6.50	1	N	125	58.6	0.0	-3.0	0.0	0.0	44.7	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	11.4
95	611925.21	4826526.42	6.50	1	N	250	63.5	0.0	-3.0	0.0	0.0	44.7	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	16.1
95	611925.21	4826526.42	6.50	1	N	500	66.8	0.0	-3.0	0.0	0.0	44.7	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	19.4
95	611925.21	4826526.42	6.50	1	N	1000	68.2	0.0	-3.0	0.0	0.0	44.7	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	21.0
95	611925.21	4826526.42	6.50	1	N	2000	66.4	0.0	-3.0	0.0	0.0	44.7	0.5	-2.7	0.0	0.0	0.0	0.0	2.0	18.9
95	611925.21	4826526.42	6.50	1	N	4000	63.9	0.0	-3.0	0.0	0.0	44.7	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	15.3
95	611925.21	4826526.42	6.50	1	N	8000	56.3	0.0	-3.0	0.0	0.0	44.7	5.7	-2.7	0.0	0.0	0.0	0.0	2.0	3.6
95	611925.21	4826526.42	6.50	1	E	63	48.7	0.0	0.0	0.0	0.0	44.7	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	5.0
95	611925.21	4826526.42	6.50	1	E	125	58.6	0.0	0.0	0.0	0.0	44.7	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	14.4
95	611925.21	4826526.42	6.50	1	E	250	63.5	0.0	0.0	0.0	0.0	44.7	0.1	-2.4	0.0	0.0	0.0	0.0	2.0	19.1
95	611925.21	4826526.42	6.50	1	E	500	66.8	0.0	0.0	0.0	0.0	44.7	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	22.5
95	611925.21	4826526.42	6.50	1	E	1000	68.2	0.0	0.0	0.0	0.0	44.7	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	24.0
95	611925.21	4826526.42	6.50	1	E	2000	66.4	0.0	0.0	0.0	0.0	44.7	0.5	-2.7	0.0	0.0	0.0	0.0	2.0	21.9
95	611925.21	4826526.42	6.50	1	E	4000	63.9	0.0	0.0	0.0	0.0	44.7	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	18.3
95	611925.21	4826526.42	6.50	1	E	8000	56.3	0.0	0.0	0.0	0.0	44.7	5.7	-2.7	0.0	0.0	0.0	0.0	2.0	6.6
96	611925.21	4826526.42	6.50	1	D	2000	66.4	0.0	0.0	0.0	0.0	54.4	1.4	-3.0	0.0	0.0	7.8	0.0	2.0	3.7
96	611925.21	4826526.42	6.50	1	D	4000	63.9	0.0	0.0	0.0	0.0	54.4	4.9	-3.0	0.0	0.0	7.8	0.0	2.0	-2.2
96	611925.21	4826526.42	6.50	1	D	8000	56.3	0.0	0.0	0.0	0.0	54.4	17.4	-3.0	0.0	0.0	7.8	0.0	2.0	-22.3
96	611925.21	4826526.42	6.50	1	N	2000	66.4	0.0	-3.0	0.0	0.0	54.4	1.4	-3.0	0.0	0.0	7.8	0.0	2.0	0.7
96	611925.21	4826526.42	6.50	1	N	4000	63.9	0.0	-3.0	0.0	0.0	54.4	4.9	-3.0	0.0	0.0	7.8	0.0	2.0	-5.2
96	611925.21	4826526.42	6.50	1	N	8000	56.3	0.0	-3.0	0.0	0.0	54.4	17.4	-3.0	0.0	0.0	7.8	0.0	2.0	-25.3
96	611925.21	4826526.42	6.50	1	E	2000	66.4	0.0	0.0	0.0	0.0	54.4	1.4	-3.0	0.0	0.0	7.8	0.0	2.0	3.7
96	611925.21	4826526.42	6.50	1	E	4000	63.9	0.0	0.0	0.0	0.0	54.4	4.9	-3.0	0.0	0.0	7.8	0.0	2.0	-2.2
96	611925.21	4826526.42	6.50	1	E	8000	56.3	0.0	0.0	0.0	0.0	54.4	17.4	-3.0	0.0	0.0	7.8	0.0	2.0	-22.3
98	611925.21	4826526.42	6.50	2	D	2000	66.4	0.0	0.0	0.0	0.0	62.0	3.4	-3.6	0.0	0.0	0.0	0.0	4.0	0.7
98	611925.21	4826526.42	6.50	2	D	4000	63.9	0.0	0.0	0.0	0.0	62.0	11.6	-3.6	0.0	0.0	0.0	0.0	4.0	-10.0
98	611925.21	4826526.42	6.50	2	D	8000	56.3	0.0	0.0	0.0	0.0	62.0	41.3	-3.6	0.0	0.0	0.0	0.0	4.0	-47.3
98	611925.21	4826526.42	6.50	2	N	2000	66.4	0.0	-3.0	0.0	0.0	62.0	3.4	-3.6	0.0	0.0	0.0	0.0	4.0	-2.3
98	611925.21	4826526.42	6.50	2	N	4000	63.9	0.0	-3.0	0.0	0.0	62.0	11.6	-3.6	0.0	0.0	0.0	0.0	4.0	-13.0
98	611925.21	4826526.42	6.50	2	N	8000	56.3	0.0	-3.0	0.0	0.0	62.0	41.3	-3.6	0.0	0.0	0.0	0.0	4.0	-50.3
98	611925.21	4826526.42	6.50	2	E	2000	66.4	0.0	0.0	0.0	0.0	62.0	3.4	-3.6	0.0	0.0	0.0	0.0	4.0	0.7
98	611925.21	4826526.42	6.50	2	E	4000	63.9	0.0	0.0	0.0	0.0	62.0	11.6	-3.6	0.0	0.0	0.0	0.0	4.0	-10.0
98	611925.21	4826526.42	6.50	2	E	8000	56.3	0.0	0.0	0.0	0.0	62.0	41.3	-3.6	0.0	0.0	0.0	0.0	4.0	-47.3
100	611925.21	4826526.42	6.50	1	D	1000	68.2	0.0	0.0	0.0	0.0	58.4	0.9	-1.7	0.0	0.0	0.0	0.0	2.0	8.6
100	611925.21	4826526.42	6.50	1	D	2000	66.4	0.0	0.0	0.0	0.0	58.4	2.3	-2.1	0.0	0.0	0.0	0.0	2.0	5.8
100	611925.21	4826526.42	6.50	1	D	4000	63.9	0.0	0.0	0.0	0.0	58.4	7.7	-2.1	0.0	0.0	0.0	0.0	2.0	-2.1
100	611925.21	4826526.42	6.50	1	D	8000	56.3	0.0	0.0	0.0	0.0	58.4	27.4	-2.1	0.0	0.0	0.0	0.0	2.0	-29.5
100	611925.21	4826526.42	6.50	1	N	1000	68.2	0.0	-3.0	0.0	0.0	58.4	0.9	-1.7	0.0	0.0	0.0	0.0	2.0	5.6
100	611925.21	4826526.42	6.50	1	N	2000	66.4	0.0	-3.0	0.0	0.0	58.4	2.3	-2.1	0.0	0.0	0.0	0.0	2.0	2.8
100	611925.21	4826526.42	6.50	1	N	4000	63.9	0.0	-3.0	0.0	0.0	58.4	7.7	-2.1	0.0	0.0	0.0	0.0	2.0	-5.1
100	611925.21	4826526.42	6.50	1	N	8000	56.3	0.0	-3.0	0.0	0.0	58.4	27.4	-2.1	0.0	0.0	0.0	0.0	2.0	-32.5
100	611925.21	4826526.42	6.50	1	E	1000	68.2	0.0	0.0	0.0	0.0	58.4	0.9	-1.7	0.0	0.0	0.0	0.0	2.0	8.6
100	611925.21	4826526.42	6.50	1	E	2000	66.4	0.0	0.0	0.0	0.0	58.4	2.3	-2.1	0.0	0.0	0.0	0.0	2.0	5.8
100	611925.21	4826526.42	6.50	1	E	4000	63.9	0.0	0.0	0.0	0.0	58.4	7.7	-2.1	0.0	0.0	0.0	0.0	2.0	-2.1
100	611925.21	4826526.42	6.50	1	E	8000	56.3	0.0	0.0	0.0	0.0	58.4	27.4	-2.1	0.0	0.0	0.0	0.0	2.0	-29.5

Point Source, ISO 9613, Name: "Air Conditioner #04", ID: "C1_AC04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
101	611914.52	4826515.39	2.70	0	D	125	63.0	0.0	0.0	0.0	0.0	44.5	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	21.1
101	611914.52	4826515.39	2.70	0	D	250	66.0	0.0	0.0	0.0	0.0	44.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	23.5
101	611914.52	4826515.39	2.70	0	D	500	70.0	0.0	0.0	0.0	0.0	44.5	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	27.8
101	611914.52	4826515.39	2.70	0	D	1000	71.0	0.0	0.0	0.0	0.0	44.5	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	29.0

Point Source, ISO 9613, Name: "Air Conditioner #04", ID: "C1_AC04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
101	611914.52	4826515.39	2.70	0	D	2000	68.0	0.0	0.0	0.0	0.0	44.5	0.5	-2.7	0.0	0.0	0.0	0.0	0.0	25.8
101	611914.52	4826515.39	2.70	0	D	4000	62.0	0.0	0.0	0.0	0.0	44.5	1.6	-2.7	0.0	0.0	0.0	0.0	0.0	18.7
101	611914.52	4826515.39	2.70	0	D	8000	53.0	0.0	0.0	0.0	0.0	44.5	5.5	-2.7	0.0	0.0	0.0	0.0	0.0	5.7
101	611914.52	4826515.39	2.70	0	N	125	63.0	0.0	-3.0	0.0	0.0	44.5	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	18.1
101	611914.52	4826515.39	2.70	0	N	250	66.0	0.0	-3.0	0.0	0.0	44.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	20.5
101	611914.52	4826515.39	2.70	0	N	500	70.0	0.0	-3.0	0.0	0.0	44.5	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	24.8
101	611914.52	4826515.39	2.70	0	N	1000	71.0	0.0	-3.0	0.0	0.0	44.5	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	26.0
101	611914.52	4826515.39	2.70	0	N	2000	68.0	0.0	-3.0	0.0	0.0	44.5	0.5	-2.7	0.0	0.0	0.0	0.0	0.0	22.7
101	611914.52	4826515.39	2.70	0	N	4000	62.0	0.0	-3.0	0.0	0.0	44.5	1.6	-2.7	0.0	0.0	0.0	0.0	0.0	15.7
101	611914.52	4826515.39	2.70	0	N	8000	53.0	0.0	-3.0	0.0	0.0	44.5	5.5	-2.7	0.0	0.0	0.0	0.0	0.0	2.7
101	611914.52	4826515.39	2.70	0	E	125	63.0	0.0	0.0	0.0	0.0	44.5	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	21.1
101	611914.52	4826515.39	2.70	0	E	250	66.0	0.0	0.0	0.0	0.0	44.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	23.5
101	611914.52	4826515.39	2.70	0	E	500	70.0	0.0	0.0	0.0	0.0	44.5	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	27.8
101	611914.52	4826515.39	2.70	0	E	1000	71.0	0.0	0.0	0.0	0.0	44.5	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	29.0
101	611914.52	4826515.39	2.70	0	E	2000	68.0	0.0	0.0	0.0	0.0	44.5	0.5	-2.7	0.0	0.0	0.0	0.0	0.0	25.8
101	611914.52	4826515.39	2.70	0	E	4000	62.0	0.0	0.0	0.0	0.0	44.5	1.6	-2.7	0.0	0.0	0.0	0.0	0.0	18.7
101	611914.52	4826515.39	2.70	0	E	8000	53.0	0.0	0.0	0.0	0.0	44.5	5.5	-2.7	0.0	0.0	0.0	0.0	0.0	5.7
103	611914.52	4826515.39	2.70	2	D	500	70.0	0.0	0.0	0.0	0.0	48.2	0.1	-1.9	0.0	0.0	0.0	0.0	4.0	19.5
103	611914.52	4826515.39	2.70	2	D	1000	71.0	0.0	0.0	0.0	0.0	48.2	0.3	-2.5	0.0	0.0	0.0	0.0	4.0	21.0
103	611914.52	4826515.39	2.70	2	D	2000	68.0	0.0	0.0	0.0	0.0	48.2	0.7	-2.6	0.0	0.0	0.0	0.0	4.0	17.6
103	611914.52	4826515.39	2.70	2	D	4000	62.0	0.0	0.0	0.0	0.0	48.2	2.4	-2.6	0.0	0.0	0.0	0.0	4.0	9.9
103	611914.52	4826515.39	2.70	2	D	8000	53.0	0.0	0.0	0.0	0.0	48.2	8.5	-2.6	0.0	0.0	0.0	0.0	4.0	-5.2
103	611914.52	4826515.39	2.70	2	N	500	70.0	0.0	-3.0	0.0	0.0	48.2	0.1	-1.9	0.0	0.0	0.0	0.0	4.0	16.5
103	611914.52	4826515.39	2.70	2	N	1000	71.0	0.0	-3.0	0.0	0.0	48.2	0.3	-2.5	0.0	0.0	0.0	0.0	4.0	17.9
103	611914.52	4826515.39	2.70	2	N	2000	68.0	0.0	-3.0	0.0	0.0	48.2	0.7	-2.6	0.0	0.0	0.0	0.0	4.0	14.6
103	611914.52	4826515.39	2.70	2	N	4000	62.0	0.0	-3.0	0.0	0.0	48.2	2.4	-2.6	0.0	0.0	0.0	0.0	4.0	6.9
103	611914.52	4826515.39	2.70	2	N	8000	53.0	0.0	-3.0	0.0	0.0	48.2	8.5	-2.6	0.0	0.0	0.0	0.0	4.0	-8.2
103	611914.52	4826515.39	2.70	2	E	500	70.0	0.0	0.0	0.0	0.0	48.2	0.1	-1.9	0.0	0.0	0.0	0.0	4.0	19.5
103	611914.52	4826515.39	2.70	2	E	1000	71.0	0.0	0.0	0.0	0.0	48.2	0.3	-2.5	0.0	0.0	0.0	0.0	4.0	21.0
103	611914.52	4826515.39	2.70	2	E	2000	68.0	0.0	0.0	0.0	0.0	48.2	0.7	-2.6	0.0	0.0	0.0	0.0	4.0	17.6
103	611914.52	4826515.39	2.70	2	E	4000	62.0	0.0	0.0	0.0	0.0	48.2	2.4	-2.6	0.0	0.0	0.0	0.0	4.0	9.9
103	611914.52	4826515.39	2.70	2	E	8000	53.0	0.0	0.0	0.0	0.0	48.2	8.5	-2.6	0.0	0.0	0.0	0.0	4.0	-5.2
105	611914.52	4826515.39	2.70	1	D	125	63.0	0.0	0.0	0.0	0.0	46.0	0.0	-2.8	0.0	0.0	22.8	0.0	2.0	-5.0
105	611914.52	4826515.39	2.70	1	D	250	66.0	0.0	0.0	0.0	0.0	46.0	0.1	-2.6	0.0	0.0	22.6	0.0	2.0	-2.0
105	611914.52	4826515.39	2.70	1	D	500	70.0	0.0	0.0	0.0	0.0	46.0	0.1	-2.7	0.0	0.0	27.7	0.0	2.0	-3.1
105	611914.52	4826515.39	2.70	1	D	1000	71.0	0.0	0.0	0.0	0.0	46.0	0.2	-2.9	0.0	0.0	27.9	0.0	2.0	-2.2
105	611914.52	4826515.39	2.70	1	D	2000	68.0	0.0	0.0	0.0	0.0	46.0	0.5	-2.9	0.0	0.0	27.9	0.0	2.0	-5.5
105	611914.52	4826515.39	2.70	1	D	4000	62.0	0.0	0.0	0.0	0.0	46.0	1.8	-2.9	0.0	0.0	27.9	0.0	2.0	-12.8
105	611914.52	4826515.39	2.70	1	D	8000	53.0	0.0	0.0	0.0	0.0	46.0	6.6	-2.9	0.0	0.0	27.9	0.0	2.0	-26.5
105	611914.52	4826515.39	2.70	1	N	125	63.0	0.0	-3.0	0.0	0.0	46.0	0.0	-2.8	0.0	0.0	22.8	0.0	2.0	-8.0
105	611914.52	4826515.39	2.70	1	N	250	66.0	0.0	-3.0	0.0	0.0	46.0	0.1	-2.6	0.0	0.0	22.6	0.0	2.0	-5.0
105	611914.52	4826515.39	2.70	1	N	500	70.0	0.0	-3.0	0.0	0.0	46.0	0.1	-2.7	0.0	0.0	27.7	0.0	2.0	-6.1
105	611914.52	4826515.39	2.70	1	N	1000	71.0	0.0	-3.0	0.0	0.0	46.0	0.2	-2.9	0.0	0.0	27.9	0.0	2.0	-5.2
105	611914.52	4826515.39	2.70	1	N	2000	68.0	0.0	-3.0	0.0	0.0	46.0	0.5	-2.9	0.0	0.0	27.9	0.0	2.0	-8.5
105	611914.52	4826515.39	2.70	1	N	4000	62.0	0.0	-3.0	0.0	0.0	46.0	1.8	-2.9	0.0	0.0	27.9	0.0	2.0	-15.8
105	611914.52	4826515.39	2.70	1	N	8000	53.0	0.0	-3.0	0.0	0.0	46.0	6.6	-2.9	0.0	0.0	27.9	0.0	2.0	-29.5
105	611914.52	4826515.39	2.70	1	E	125	63.0	0.0	0.0	0.0	0.0	46.0	0.0	-2.8	0.0	0.0	22.8	0.0	2.0	-5.0
105	611914.52	4826515.39	2.70	1	E	250	66.0	0.0	0.0	0.0	0.0	46.0	0.1	-2.6	0.0	0.0	22.6	0.0	2.0	-2.0
105	611914.52	4826515.39	2.70	1	E	500	70.0	0.0	0.0	0.0	0.0	46.0	0.1	-2.7	0.0	0.0	27.7	0.0	2.0	-3.1
105	611914.52	4826515.39	2.70	1	E	1000	71.0	0.0	0.0	0.0	0.0	46.0	0.2	-2.9	0.0	0.0	27.9	0.0	2.0	-2.2
105	611914.52	4826515.39	2.70	1	E	2000	68.0	0.0	0.0	0.0	0.0	46.0	0.5	-2.9	0.0	0.0	27.9	0.0	2.0	-5.5
105	611914.52	4826515.39	2.70	1	E	4000	62.0	0.0	0.0	0.0	0.0	46.0	1.8	-2.9	0.0	0.0	27.9	0.0	2.0	-12.8
105	611914.52	4826515.39	2.70	1	E	8000	53.0	0.0	0.0	0.0	0.0	46.0	6.6	-2.9	0.0	0.0	27.9	0.0	2.0	-26.5
107	611914.52	4826515.39	2.70	1	D	125	63.0	0.0	0.0	0.0	0.0	45.9	0.0	-2.8	0.0	0.0	0.0	0.0	2.0	17.9
107	611914.52	4826515.39	2.70	1	D	250	66.0	0.0	0.0	0.0	0.0	45.9	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	20.6
107	611914.52	4826515.39	2.70	1	D	500	70.0	0.0	0.0	0.0	0.0	45.9	0.1	-2.7	0.0	0.0	0.0	0.0	2.0	24.7
107	611914.52	4826515.39	2.70	1	D	1000	71.0	0.0	0.0	0.0	0.0	45.9	0.2	-2.9	0.0	0.0	0.0	0.0	2.0	25.7
107	611914.52	4826515.39	2.70	1	D	2000	68.0	0.0	0.0	0.0	0.0	45.9	0.5	-2.9	0.0	0.0	0.0	0.0	2.0	22.4
107	611914.52	4826515.39	2.70	1	D	4000	62.0	0.0	0.0	0.0	0.0	45.9	1.8	-2.9	0.0	0.0	0.0	0.0	2.0	15.1
107	611914.52	4826515.39	2.70	1	D	8000	53.0	0.0	0.0	0.0	0.0	45.9	6.5	-2.9	0.0	0.0	0.0	0.0	2.0	1.4
107	611914.52	4826515.39	2.70	1	N	125	63.0	0.0	-3.0	0.0	0.0	45.9	0.0	-2.8	0.0	0.0	0.0	0.0	2.0	14.8
107	611914.52	4826515.39	2.70	1	N	250	66.0	0.0	-3.0	0.0	0.0	45.9	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	17.6
107	611914.52	4826515.39	2.70	1	N	500	70.0	0.0	-3.0	0.0	0.0	45.9	0.1	-2.7	0.0	0.0	0.0	0.0	2.0	21.7
107	611914.52	4826515.39	2.70	1	N	1000	71.0	0.0	-3.0	0.0	0.0	45.9	0.2	-2.9	0.0	0				

Point Source, ISO 9613, Name: "Air Conditioner #04", ID: "C1_AC04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
107	611914.52	4826515.39	2.70	1	N	2000	68.0	0.0	-3.0	0.0	0.0	45.9	0.5	-2.9	0.0	0.0	0.0	0.0	2.0	19.4
107	611914.52	4826515.39	2.70	1	N	4000	62.0	0.0	-3.0	0.0	0.0	45.9	1.8	-2.9	0.0	0.0	0.0	0.0	2.0	12.1
107	611914.52	4826515.39	2.70	1	N	8000	53.0	0.0	-3.0	0.0	0.0	45.9	6.5	-2.9	0.0	0.0	0.0	0.0	2.0	-1.6
107	611914.52	4826515.39	2.70	1	E	125	63.0	0.0	0.0	0.0	0.0	45.9	0.0	-2.8	0.0	0.0	0.0	0.0	2.0	17.9
107	611914.52	4826515.39	2.70	1	E	250	66.0	0.0	0.0	0.0	0.0	45.9	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	20.6
107	611914.52	4826515.39	2.70	1	E	500	70.0	0.0	0.0	0.0	0.0	45.9	0.1	-2.7	0.0	0.0	0.0	0.0	2.0	24.7
107	611914.52	4826515.39	2.70	1	E	1000	71.0	0.0	0.0	0.0	0.0	45.9	0.2	-2.9	0.0	0.0	0.0	0.0	2.0	25.7
107	611914.52	4826515.39	2.70	1	E	2000	68.0	0.0	0.0	0.0	0.0	45.9	0.5	-2.9	0.0	0.0	0.0	0.0	2.0	22.4
107	611914.52	4826515.39	2.70	1	E	4000	62.0	0.0	0.0	0.0	0.0	45.9	1.8	-2.9	0.0	0.0	0.0	0.0	2.0	15.1
107	611914.52	4826515.39	2.70	1	E	8000	53.0	0.0	0.0	0.0	0.0	45.9	6.5	-2.9	0.0	0.0	0.0	0.0	2.0	1.4
108	611914.52	4826515.39	2.70	1	D	125	63.0	0.0	0.0	0.0	0.0	46.6	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	16.9
108	611914.52	4826515.39	2.70	1	D	250	66.0	0.0	0.0	0.0	0.0	46.6	0.1	-1.8	0.0	0.0	0.0	0.0	2.0	19.2
108	611914.52	4826515.39	2.70	1	D	500	70.0	0.0	0.0	0.0	0.0	46.6	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	23.5
108	611914.52	4826515.39	2.70	1	D	1000	71.0	0.0	0.0	0.0	0.0	46.6	0.2	-2.6	0.0	0.0	0.0	0.0	2.0	24.8
108	611914.52	4826515.39	2.70	1	D	2000	68.0	0.0	0.0	0.0	0.0	46.6	0.6	-2.7	0.0	0.0	0.0	0.0	2.0	21.5
108	611914.52	4826515.39	2.70	1	D	4000	62.0	0.0	0.0	0.0	0.0	46.6	2.0	-2.7	0.0	0.0	0.0	0.0	2.0	14.1
108	611914.52	4826515.39	2.70	1	D	8000	53.0	0.0	0.0	0.0	0.0	46.6	7.0	-2.7	0.0	0.0	0.0	0.0	2.0	0.0
108	611914.52	4826515.39	2.70	1	N	125	63.0	0.0	-3.0	0.0	0.0	46.6	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	13.9
108	611914.52	4826515.39	2.70	1	N	250	66.0	0.0	-3.0	0.0	0.0	46.6	0.1	-1.8	0.0	0.0	0.0	0.0	2.0	16.1
108	611914.52	4826515.39	2.70	1	N	500	70.0	0.0	-3.0	0.0	0.0	46.6	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	20.5
108	611914.52	4826515.39	2.70	1	N	1000	71.0	0.0	-3.0	0.0	0.0	46.6	0.2	-2.6	0.0	0.0	0.0	0.0	2.0	21.8
108	611914.52	4826515.39	2.70	1	N	2000	68.0	0.0	-3.0	0.0	0.0	46.6	0.6	-2.7	0.0	0.0	0.0	0.0	2.0	18.5
108	611914.52	4826515.39	2.70	1	N	4000	62.0	0.0	-3.0	0.0	0.0	46.6	2.0	-2.7	0.0	0.0	0.0	0.0	2.0	11.1
108	611914.52	4826515.39	2.70	1	N	8000	53.0	0.0	-3.0	0.0	0.0	46.6	7.0	-2.7	0.0	0.0	0.0	0.0	2.0	-3.0
108	611914.52	4826515.39	2.70	1	E	125	63.0	0.0	0.0	0.0	0.0	46.6	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	16.9
108	611914.52	4826515.39	2.70	1	E	250	66.0	0.0	0.0	0.0	0.0	46.6	0.1	-1.8	0.0	0.0	0.0	0.0	2.0	19.2
108	611914.52	4826515.39	2.70	1	E	500	70.0	0.0	0.0	0.0	0.0	46.6	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	23.5
108	611914.52	4826515.39	2.70	1	E	1000	71.0	0.0	0.0	0.0	0.0	46.6	0.2	-2.6	0.0	0.0	0.0	0.0	2.0	24.8
108	611914.52	4826515.39	2.70	1	E	2000	68.0	0.0	0.0	0.0	0.0	46.6	0.6	-2.7	0.0	0.0	0.0	0.0	2.0	21.5
108	611914.52	4826515.39	2.70	1	E	4000	62.0	0.0	0.0	0.0	0.0	46.6	2.0	-2.7	0.0	0.0	0.0	0.0	2.0	14.1
108	611914.52	4826515.39	2.70	1	E	8000	53.0	0.0	0.0	0.0	0.0	46.6	7.0	-2.7	0.0	0.0	0.0	0.0	2.0	0.0
110	611914.52	4826515.39	2.70	1	D	2000	68.0	0.0	0.0	0.0	0.0	55.3	1.6	-3.7	0.0	0.0	0.0	0.0	2.0	12.8
110	611914.52	4826515.39	2.70	1	D	4000	62.0	0.0	0.0	0.0	0.0	55.3	5.4	-3.7	0.0	0.0	0.0	0.0	2.0	3.0
110	611914.52	4826515.39	2.70	1	D	8000	53.0	0.0	0.0	0.0	0.0	55.3	19.2	-3.7	0.0	0.0	0.0	0.0	2.0	-19.8
110	611914.52	4826515.39	2.70	1	N	2000	68.0	0.0	-3.0	0.0	0.0	55.3	1.6	-3.7	0.0	0.0	0.0	0.0	2.0	9.8
110	611914.52	4826515.39	2.70	1	N	4000	62.0	0.0	-3.0	0.0	0.0	55.3	5.4	-3.7	0.0	0.0	0.0	0.0	2.0	0.0
110	611914.52	4826515.39	2.70	1	N	8000	53.0	0.0	-3.0	0.0	0.0	55.3	19.2	-3.7	0.0	0.0	0.0	0.0	2.0	-22.8
110	611914.52	4826515.39	2.70	1	E	2000	68.0	0.0	0.0	0.0	0.0	55.3	1.6	-3.7	0.0	0.0	0.0	0.0	2.0	12.8
110	611914.52	4826515.39	2.70	1	E	4000	62.0	0.0	0.0	0.0	0.0	55.3	5.4	-3.7	0.0	0.0	0.0	0.0	2.0	3.0
110	611914.52	4826515.39	2.70	1	E	8000	53.0	0.0	0.0	0.0	0.0	55.3	19.2	-3.7	0.0	0.0	0.0	0.0	2.0	-19.8
112	611914.52	4826515.39	2.70	2	D	4000	62.0	0.0	0.0	0.0	0.0	61.2	10.6	-4.5	0.0	0.0	0.0	0.0	4.0	-9.3
112	611914.52	4826515.39	2.70	2	D	8000	53.0	0.0	0.0	0.0	0.0	61.2	37.7	-4.5	0.0	0.0	0.0	0.0	4.0	-45.4
112	611914.52	4826515.39	2.70	2	N	4000	62.0	0.0	-3.0	0.0	0.0	61.2	10.6	-4.5	0.0	0.0	0.0	0.0	4.0	-12.3
112	611914.52	4826515.39	2.70	2	N	8000	53.0	0.0	-3.0	0.0	0.0	61.2	37.7	-4.5	0.0	0.0	0.0	0.0	4.0	-48.4
112	611914.52	4826515.39	2.70	2	E	4000	62.0	0.0	0.0	0.0	0.0	61.2	10.6	-4.5	0.0	0.0	0.0	0.0	4.0	-9.3
112	611914.52	4826515.39	2.70	2	E	8000	53.0	0.0	0.0	0.0	0.0	61.2	37.7	-4.5	0.0	0.0	0.0	0.0	4.0	-45.4
114	611914.52	4826515.39	2.70	2	D	2000	68.0	0.0	0.0	0.0	0.0	61.6	3.3	-4.5	0.0	0.0	9.3	0.0	4.0	-5.6
114	611914.52	4826515.39	2.70	2	D	4000	62.0	0.0	0.0	0.0	0.0	61.6	11.1	-4.5	0.0	0.0	9.3	0.0	4.0	-19.5
114	611914.52	4826515.39	2.70	2	D	8000	53.0	0.0	0.0	0.0	0.0	61.6	39.5	-4.5	0.0	0.0	9.4	0.0	4.0	-56.9
114	611914.52	4826515.39	2.70	2	N	2000	68.0	0.0	-3.0	0.0	0.0	61.6	3.3	-4.5	0.0	0.0	9.3	0.0	4.0	-8.7
114	611914.52	4826515.39	2.70	2	N	4000	62.0	0.0	-3.0	0.0	0.0	61.6	11.1	-4.5	0.0	0.0	9.3	0.0	4.0	-22.5
114	611914.52	4826515.39	2.70	2	N	8000	53.0	0.0	-3.0	0.0	0.0	61.6	39.5	-4.5	0.0	0.0	9.4	0.0	4.0	-59.9
114	611914.52	4826515.39	2.70	2	E	2000	68.0	0.0	0.0	0.0	0.0	61.6	3.3	-4.5	0.0	0.0	9.3	0.0	4.0	-5.6
114	611914.52	4826515.39	2.70	2	E	4000	62.0	0.0	0.0	0.0	0.0	61.6	11.1	-4.5	0.0	0.0	9.3	0.0	4.0	-19.5
114	611914.52	4826515.39	2.70	2	E	8000	53.0	0.0	0.0	0.0	0.0	61.6	39.5	-4.5	0.0	0.0	9.4	0.0	4.0	-56.9
115	611914.52	4826515.39	2.70	1	D	4000	62.0	0.0	0.0	0.0	0.0	57.2	6.7	-3.2	0.0	0.0	0.0	0.0	2.0	-0.7
115	611914.52	4826515.39	2.70	1	D	8000	53.0	0.0	0.0	0.0	0.0	57.2	23.9	-3.2	0.0	0.0	0.0	0.0	2.0	-26.9
115	611914.52	4826515.39	2.70	1	N	4000	62.0	0.0	-3.0	0.0	0.0	57.2	6.7	-3.2	0.0	0.0	0.0	0.0	2.0	-3.7
115	611914.52	4826515.39	2.70	1	N	8000	53.0	0.0	-3.0	0.0	0.0	57.2	23.9	-3.2	0.0	0.0	0.0	0.0	2.0	-29.9
115	611914.52	4826515.39	2.70	1	E	4000	62.0	0.0	0.0	0.0	0.0	57.2	6.7	-3.2	0.0	0.0	0.0	0.0	2.0	-0.7
115	611914.52	4826515.39	2.70	1	E	8000	53.0	0.0	0.0	0.0	0.0	57.2	23.9	-3.2	0.0	0.0	0.0	0.0	2.0	-26.9
116	611914.52	4826515.39	2.70	1	D	1000	71.0	0.0	0.0	0.0	0.0	57.8	0.8	-2.9	0.0	0.0	8.1	0.0	2.0	5.2
116	611914.52	4826515.39	2.70	1	D	2000	68.0	0.0	0.0	0.0	0.0	57.8	2.1	-3.3	0.0	0.0	8.9	0.0	2.0	0.5
116	611914.52	4826515.39	2.70	1	D	4000	62.0	0.0	0.0	0.0	0.0	57.8	7.2	-3.						

Point Source, ISO 9613, Name: "Air Conditioner #04", ID: "C1_AC04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
116	611914.52	4826515.39	2.70	1	D	8000	53.0	0.0	0.0	0.0	0.0	57.8	25.6	-3.3	0.0	0.0	10.8	0.0	2.0	-39.9
116	611914.52	4826515.39	2.70	1	N	1000	71.0	0.0	-3.0	0.0	0.0	57.8	0.8	-2.9	0.0	0.0	8.1	0.0	2.0	2.2
116	611914.52	4826515.39	2.70	1	N	2000	68.0	0.0	-3.0	0.0	0.0	57.8	2.1	-3.3	0.0	0.0	8.9	0.0	2.0	-2.6
116	611914.52	4826515.39	2.70	1	N	4000	62.0	0.0	-3.0	0.0	0.0	57.8	7.2	-3.3	0.0	0.0	9.6	0.0	2.0	-14.3
116	611914.52	4826515.39	2.70	1	N	8000	53.0	0.0	-3.0	0.0	0.0	57.8	25.6	-3.3	0.0	0.0	10.8	0.0	2.0	-42.9
116	611914.52	4826515.39	2.70	1	E	1000	71.0	0.0	0.0	0.0	0.0	57.8	0.8	-2.9	0.0	0.0	8.1	0.0	2.0	5.2
116	611914.52	4826515.39	2.70	1	E	2000	68.0	0.0	0.0	0.0	0.0	57.8	2.1	-3.3	0.0	0.0	8.9	0.0	2.0	0.5
116	611914.52	4826515.39	2.70	1	E	4000	62.0	0.0	0.0	0.0	0.0	57.8	7.2	-3.3	0.0	0.0	9.6	0.0	2.0	-11.3
116	611914.52	4826515.39	2.70	1	E	8000	53.0	0.0	0.0	0.0	0.0	57.8	25.6	-3.3	0.0	0.0	10.8	0.0	2.0	-39.9

Point Source, ISO 9613, Name: "Rooftop Exhaust Fan #1", ID: "C1_EF01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
117	611889.11	4826481.02	7.75	0	D	32	41.9	0.0	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2
117	611889.11	4826481.02	7.75	0	D	63	56.5	0.0	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	9.4
117	611889.11	4826481.02	7.75	0	D	125	72.1	0.0	0.0	0.0	0.0	50.0	0.0	-2.7	0.0	0.0	0.0	0.0	0.0	24.7
117	611889.11	4826481.02	7.75	0	D	250	73.2	0.0	0.0	0.0	0.0	50.0	0.1	-2.2	0.0	0.0	0.0	0.0	0.0	25.2
117	611889.11	4826481.02	7.75	0	D	500	77.8	0.0	0.0	0.0	0.0	50.0	0.2	-2.4	0.0	0.0	0.0	0.0	0.0	29.9
117	611889.11	4826481.02	7.75	0	D	1000	77.3	0.0	0.0	0.0	0.0	50.0	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	29.6
117	611889.11	4826481.02	7.75	0	D	2000	77.1	0.0	0.0	0.0	0.0	50.0	0.9	-2.8	0.0	0.0	0.0	0.0	0.0	29.0
117	611889.11	4826481.02	7.75	0	D	4000	74.4	0.0	0.0	0.0	0.0	50.0	2.9	-2.8	0.0	0.0	0.0	0.0	0.0	24.2
117	611889.11	4826481.02	7.75	0	D	8000	67.4	0.0	0.0	0.0	0.0	50.0	10.5	-2.8	0.0	0.0	0.0	0.0	0.0	9.6
117	611889.11	4826481.02	7.75	0	N	32	41.9	0.0	-188.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-193.2
117	611889.11	4826481.02	7.75	0	N	63	56.5	0.0	-188.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-178.6
117	611889.11	4826481.02	7.75	0	N	125	72.1	0.0	-188.0	0.0	0.0	50.0	0.0	-2.7	0.0	0.0	0.0	0.0	0.0	-163.3
117	611889.11	4826481.02	7.75	0	N	250	73.2	0.0	-188.0	0.0	0.0	50.0	0.1	-2.2	0.0	0.0	0.0	0.0	0.0	-162.8
117	611889.11	4826481.02	7.75	0	N	500	77.8	0.0	-188.0	0.0	0.0	50.0	0.2	-2.4	0.0	0.0	0.0	0.0	0.0	-158.1
117	611889.11	4826481.02	7.75	0	N	1000	77.3	0.0	-188.0	0.0	0.0	50.0	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	-158.4
117	611889.11	4826481.02	7.75	0	N	2000	77.1	0.0	-188.0	0.0	0.0	50.0	0.9	-2.8	0.0	0.0	0.0	0.0	0.0	-159.0
117	611889.11	4826481.02	7.75	0	N	4000	74.4	0.0	-188.0	0.0	0.0	50.0	2.9	-2.8	0.0	0.0	0.0	0.0	0.0	-163.8
117	611889.11	4826481.02	7.75	0	N	8000	67.4	0.0	-188.0	0.0	0.0	50.0	10.5	-2.8	0.0	0.0	0.0	0.0	0.0	-178.4
117	611889.11	4826481.02	7.75	0	E	32	41.9	0.0	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.2
117	611889.11	4826481.02	7.75	0	E	63	56.5	0.0	0.0	0.0	0.0	50.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	9.4
117	611889.11	4826481.02	7.75	0	E	125	72.1	0.0	0.0	0.0	0.0	50.0	0.0	-2.7	0.0	0.0	0.0	0.0	0.0	24.7
117	611889.11	4826481.02	7.75	0	E	250	73.2	0.0	0.0	0.0	0.0	50.0	0.1	-2.2	0.0	0.0	0.0	0.0	0.0	25.2
117	611889.11	4826481.02	7.75	0	E	500	77.8	0.0	0.0	0.0	0.0	50.0	0.2	-2.4	0.0	0.0	0.0	0.0	0.0	29.9
117	611889.11	4826481.02	7.75	0	E	1000	77.3	0.0	0.0	0.0	0.0	50.0	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	29.6
117	611889.11	4826481.02	7.75	0	E	2000	77.1	0.0	0.0	0.0	0.0	50.0	0.9	-2.8	0.0	0.0	0.0	0.0	0.0	29.0
117	611889.11	4826481.02	7.75	0	E	4000	74.4	0.0	0.0	0.0	0.0	50.0	2.9	-2.8	0.0	0.0	0.0	0.0	0.0	24.2
117	611889.11	4826481.02	7.75	0	E	8000	67.4	0.0	0.0	0.0	0.0	50.0	10.5	-2.8	0.0	0.0	0.0	0.0	0.0	9.6
118	611889.11	4826481.02	7.75	1	D	2000	77.1	0.0	0.0	0.0	0.0	57.3	2.0	-3.0	0.0	0.0	0.0	0.0	2.0	18.8
118	611889.11	4826481.02	7.75	1	D	4000	74.4	0.0	0.0	0.0	0.0	57.3	6.8	-3.0	0.0	0.0	0.0	0.0	2.0	11.3
118	611889.11	4826481.02	7.75	1	D	8000	67.4	0.0	0.0	0.0	0.0	57.3	24.2	-3.0	0.0	0.0	0.0	0.0	2.0	-13.1
118	611889.11	4826481.02	7.75	1	N	2000	77.1	0.0	-188.0	0.0	0.0	57.3	2.0	-3.0	0.0	0.0	0.0	0.0	2.0	-169.2
118	611889.11	4826481.02	7.75	1	N	4000	74.4	0.0	-188.0	0.0	0.0	57.3	6.8	-3.0	0.0	0.0	0.0	0.0	2.0	-176.7
118	611889.11	4826481.02	7.75	1	N	8000	67.4	0.0	-188.0	0.0	0.0	57.3	24.2	-3.0	0.0	0.0	0.0	0.0	2.0	-201.1
118	611889.11	4826481.02	7.75	1	E	2000	77.1	0.0	0.0	0.0	0.0	57.3	2.0	-3.0	0.0	0.0	0.0	0.0	2.0	18.8
118	611889.11	4826481.02	7.75	1	E	4000	74.4	0.0	0.0	0.0	0.0	57.3	6.8	-3.0	0.0	0.0	0.0	0.0	2.0	11.3
118	611889.11	4826481.02	7.75	1	E	8000	67.4	0.0	0.0	0.0	0.0	57.3	24.2	-3.0	0.0	0.0	0.0	0.0	2.0	-13.1
119	611889.11	4826481.02	7.75	2	D	2000	77.1	0.0	0.0	0.0	0.0	60.0	2.7	-3.0	0.0	0.0	0.0	0.0	4.0	13.4
119	611889.11	4826481.02	7.75	2	D	4000	74.4	0.0	0.0	0.0	0.0	60.0	9.2	-3.0	0.0	0.0	0.0	0.0	4.0	4.2
119	611889.11	4826481.02	7.75	2	D	8000	67.4	0.0	0.0	0.0	0.0	60.0	32.8	-3.0	0.0	0.0	0.0	0.0	4.0	-26.4
119	611889.11	4826481.02	7.75	2	N	2000	77.1	0.0	-188.0	0.0	0.0	60.0	2.7	-3.0	0.0	0.0	0.0	0.0	4.0	-174.6
119	611889.11	4826481.02	7.75	2	N	4000	74.4	0.0	-188.0	0.0	0.0	60.0	9.2	-3.0	0.0	0.0	0.0	0.0	4.0	-183.8
119	611889.11	4826481.02	7.75	2	N	8000	67.4	0.0	-188.0	0.0	0.0	60.0	32.8	-3.0	0.0	0.0	0.0	0.0	4.0	-214.4
119	611889.11	4826481.02	7.75	2	E	2000	77.1	0.0	0.0	0.0	0.0	60.0	2.7	-3.0	0.0	0.0	0.0	0.0	4.0	13.4
119	611889.11	4826481.02	7.75	2	E	4000	74.4	0.0	0.0	0.0	0.0	60.0	9.2	-3.0	0.0	0.0	0.0	0.0	4.0	4.2
119	611889.11	4826481.02	7.75	2	E	8000	67.4	0.0	0.0	0.0	0.0	60.0	32.8	-3.0	0.0	0.0	0.0	0.0	4.0	-26.4
120	611889.11	4826481.02	7.75	1	D	500	77.8	0.0	0.0	0.0	0.0	55.2	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	22.2
120	611889.11	4826481.02	7.75	1	D	1000	77.3	0.0	0.0	0.0	0.0	55.2	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	22.1
120	611889.11	4826481.02	7.75	1	D	2000	77.1	0.0	0.0	0.0	0.0	55.2	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	21.0
120	611889.11	4826481.02	7.75	1	D	4000	74.4	0.0	0.0	0.0	0.0	55.2	5.3	-2.7	0.0	0.0	0.0	0.0	2.0	14.5
120	611889.11	4826481.02	7.75	1	D	8000	67.4	0.0	0.0	0.0	0.0	55.2	19.0	-2.7	0.0	0.0	0.0	0.0	2.0	-6.1
120	611889.11	4826481.02	7.75	1	N	500	77.8	0.0	-188.0	0.0	0.0	55.2	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	-165.8

Point Source, ISO 9613, Name: "Rooftop Exhaust Fan #1", ID: "C1_EF01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB	dB(A)
120	611889.11	4826481.02	7.75	1	N	1000	77.3	0.0	-188.0	0.0	0.0	55.2	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	-165.9
120	611889.11	4826481.02	7.75	1	N	2000	77.1	0.0	-188.0	0.0	0.0	55.2	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	-167.0
120	611889.11	4826481.02	7.75	1	N	4000	74.4	0.0	-188.0	0.0	0.0	55.2	5.3	-2.7	0.0	0.0	0.0	0.0	2.0	-173.5
120	611889.11	4826481.02	7.75	1	N	8000	67.4	0.0	-188.0	0.0	0.0	55.2	19.0	-2.7	0.0	0.0	0.0	0.0	2.0	-194.1
120	611889.11	4826481.02	7.75	1	E	500	77.8	0.0	0.0	0.0	0.0	55.2	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	22.2
120	611889.11	4826481.02	7.75	1	E	1000	77.3	0.0	0.0	0.0	0.0	55.2	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	22.1
120	611889.11	4826481.02	7.75	1	E	2000	77.1	0.0	0.0	0.0	0.0	55.2	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	21.0
120	611889.11	4826481.02	7.75	1	E	4000	74.4	0.0	0.0	0.0	0.0	55.2	5.3	-2.7	0.0	0.0	0.0	0.0	2.0	14.5
120	611889.11	4826481.02	7.75	1	E	8000	67.4	0.0	0.0	0.0	0.0	55.2	19.0	-2.7	0.0	0.0	0.0	0.0	2.0	-6.1

Point Source, ISO 9613, Name: "Air Conditioner #03", ID: "C1_AC03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
121	611907.86	4826507.21	3.20	0	D	125	63.0	0.0	0.0	0.0	0.0	46.2	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	19.4
121	611907.86	4826507.21	3.20	0	D	250	66.0	0.0	0.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.8
121	611907.86	4826507.21	3.20	0	D	500	70.0	0.0	0.0	0.0	0.0	46.2	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	26.1
121	611907.86	4826507.21	3.20	0	D	1000	71.0	0.0	0.0	0.0	0.0	46.2	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	27.3
121	611907.86	4826507.21	3.20	0	D	2000	68.0	0.0	0.0	0.0	0.0	46.2	0.6	-2.7	0.0	0.0	0.0	0.0	0.0	24.0
121	611907.86	4826507.21	3.20	0	D	4000	62.0	0.0	0.0	0.0	0.0	46.2	1.9	-2.7	0.0	0.0	0.0	0.0	0.0	16.7
121	611907.86	4826507.21	3.20	0	D	8000	53.0	0.0	0.0	0.0	0.0	46.2	6.7	-2.7	0.0	0.0	0.0	0.0	0.0	2.8
121	611907.86	4826507.21	3.20	0	N	125	63.0	0.0	-3.0	0.0	0.0	46.2	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	16.4
121	611907.86	4826507.21	3.20	0	N	250	66.0	0.0	-3.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	18.8
121	611907.86	4826507.21	3.20	0	N	500	70.0	0.0	-3.0	0.0	0.0	46.2	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	23.1
121	611907.86	4826507.21	3.20	0	N	1000	71.0	0.0	-3.0	0.0	0.0	46.2	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	24.3
121	611907.86	4826507.21	3.20	0	N	2000	68.0	0.0	-3.0	0.0	0.0	46.2	0.6	-2.7	0.0	0.0	0.0	0.0	0.0	21.0
121	611907.86	4826507.21	3.20	0	N	4000	62.0	0.0	-3.0	0.0	0.0	46.2	1.9	-2.7	0.0	0.0	0.0	0.0	0.0	13.6
121	611907.86	4826507.21	3.20	0	N	8000	53.0	0.0	-3.0	0.0	0.0	46.2	6.7	-2.7	0.0	0.0	0.0	0.0	0.0	-0.2
121	611907.86	4826507.21	3.20	0	E	125	63.0	0.0	0.0	0.0	0.0	46.2	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	19.4
121	611907.86	4826507.21	3.20	0	E	250	66.0	0.0	0.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.8
121	611907.86	4826507.21	3.20	0	E	500	70.0	0.0	0.0	0.0	0.0	46.2	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	26.1
121	611907.86	4826507.21	3.20	0	E	1000	71.0	0.0	0.0	0.0	0.0	46.2	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	27.3
121	611907.86	4826507.21	3.20	0	E	2000	68.0	0.0	0.0	0.0	0.0	46.2	0.6	-2.7	0.0	0.0	0.0	0.0	0.0	24.0
121	611907.86	4826507.21	3.20	0	E	4000	62.0	0.0	0.0	0.0	0.0	46.2	1.9	-2.7	0.0	0.0	0.0	0.0	0.0	16.7
121	611907.86	4826507.21	3.20	0	E	8000	53.0	0.0	0.0	0.0	0.0	46.2	6.7	-2.7	0.0	0.0	0.0	0.0	0.0	2.8
122	611907.86	4826507.21	3.20	1	D	125	63.0	0.0	0.0	0.0	0.0	47.2	0.0	-2.6	0.0	0.0	22.5	0.0	2.0	-6.1
122	611907.86	4826507.21	3.20	1	D	250	66.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.2	0.0	0.0	22.2	0.0	2.0	-3.3
122	611907.86	4826507.21	3.20	1	D	500	70.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	-4.3
122	611907.86	4826507.21	3.20	1	D	1000	71.0	0.0	0.0	0.0	0.0	47.2	0.2	-2.7	0.0	0.0	27.7	0.0	2.0	-3.4
122	611907.86	4826507.21	3.20	1	D	2000	68.0	0.0	0.0	0.0	0.0	47.2	0.6	-2.8	0.0	0.0	27.8	0.0	2.0	-6.8
122	611907.86	4826507.21	3.20	1	D	4000	62.0	0.0	0.0	0.0	0.0	47.2	2.1	-2.8	0.0	0.0	27.8	0.0	2.0	-14.3
122	611907.86	4826507.21	3.20	1	D	8000	53.0	0.0	0.0	0.0	0.0	47.2	7.5	-2.8	0.0	0.0	27.8	0.0	2.0	-28.7
122	611907.86	4826507.21	3.20	1	N	125	63.0	0.0	-3.0	0.0	0.0	47.2	0.0	-2.6	0.0	0.0	22.5	0.0	2.0	-9.1
122	611907.86	4826507.21	3.20	1	N	250	66.0	0.0	-3.0	0.0	0.0	47.2	0.1	-2.2	0.0	0.0	22.2	0.0	2.0	-6.3
122	611907.86	4826507.21	3.20	1	N	500	70.0	0.0	-3.0	0.0	0.0	47.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	-7.3
122	611907.86	4826507.21	3.20	1	N	1000	71.0	0.0	-3.0	0.0	0.0	47.2	0.2	-2.7	0.0	0.0	27.7	0.0	2.0	-6.4
122	611907.86	4826507.21	3.20	1	N	2000	68.0	0.0	-3.0	0.0	0.0	47.2	0.6	-2.8	0.0	0.0	27.8	0.0	2.0	-9.8
122	611907.86	4826507.21	3.20	1	N	4000	62.0	0.0	-3.0	0.0	0.0	47.2	2.1	-2.8	0.0	0.0	27.8	0.0	2.0	-17.3
122	611907.86	4826507.21	3.20	1	N	8000	53.0	0.0	-3.0	0.0	0.0	47.2	7.5	-2.8	0.0	0.0	27.8	0.0	2.0	-31.8
122	611907.86	4826507.21	3.20	1	E	125	63.0	0.0	0.0	0.0	0.0	47.2	0.0	-2.6	0.0	0.0	22.5	0.0	2.0	-6.1
122	611907.86	4826507.21	3.20	1	E	250	66.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.2	0.0	0.0	22.2	0.0	2.0	-3.3
122	611907.86	4826507.21	3.20	1	E	500	70.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	-4.3
122	611907.86	4826507.21	3.20	1	E	1000	71.0	0.0	0.0	0.0	0.0	47.2	0.2	-2.7	0.0	0.0	27.7	0.0	2.0	-3.4
122	611907.86	4826507.21	3.20	1	E	2000	68.0	0.0	0.0	0.0	0.0	47.2	0.6	-2.8	0.0	0.0	27.8	0.0	2.0	-6.8
122	611907.86	4826507.21	3.20	1	E	4000	62.0	0.0	0.0	0.0	0.0	47.2	2.1	-2.8	0.0	0.0	27.8	0.0	2.0	-14.3
122	611907.86	4826507.21	3.20	1	E	8000	53.0	0.0	0.0	0.0	0.0	47.2	7.5	-2.8	0.0	0.0	27.8	0.0	2.0	-28.7
123	611907.86	4826507.21	3.20	1	D	125	63.0	0.0	0.0	0.0	0.0	47.2	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	16.4
123	611907.86	4826507.21	3.20	1	D	250	66.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	18.9
123	611907.86	4826507.21	3.20	1	D	500	70.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	23.2
123	611907.86	4826507.21	3.20	1	D	1000	71.0	0.0	0.0	0.0	0.0	47.2	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	24.3
123	611907.86	4826507.21	3.20	1	D	2000	68.0	0.0	0.0	0.0	0.0	47.2	0.6	-2.8	0.0	0.0	0.0	0.0	2.0	21.0
123	611907.86	4826507.21	3.20	1	D	4000	62.0	0.0	0.0	0.0	0.0	47.2	2.1	-2.8	0.0	0.0	0.0	0.0	2.0	13.5
123	611907.86	4826507.21	3.20	1	D	8000	53.0	0.0	0.0	0.0	0.0	47.2	7.5	-2.8	0.0	0.0	0.0	0.0	2.0	-0.9
123	611907.86	4826507.21	3.20	1	N	125	63.0	0.0	-3.0	0.0	0.0	47.2	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	13.4
123	611907.86	4826507.21	3.20	1	N	250	66.0	0.0	-3.0	0.0	0.0	47.2	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	15.9

Point Source, ISO 9613, Name: "Air Conditioner #03", ID: "C1_AC03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
123	611907.86	4826507.21	3.20	1	N	500	70.0	0.0	-3.0	0.0	0.0	47.2	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	20.1
123	611907.86	4826507.21	3.20	1	N	1000	71.0	0.0	-3.0	0.0	0.0	47.2	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	21.3
123	611907.86	4826507.21	3.20	1	N	2000	68.0	0.0	-3.0	0.0	0.0	47.2	0.6	-2.8	0.0	0.0	0.0	0.0	2.0	18.0
123	611907.86	4826507.21	3.20	1	N	4000	62.0	0.0	-3.0	0.0	0.0	47.2	2.1	-2.8	0.0	0.0	0.0	0.0	2.0	10.5
123	611907.86	4826507.21	3.20	1	N	8000	53.0	0.0	-3.0	0.0	0.0	47.2	7.5	-2.8	0.0	0.0	0.0	0.0	2.0	-3.9
123	611907.86	4826507.21	3.20	1	E	125	63.0	0.0	0.0	0.0	0.0	47.2	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	16.4
123	611907.86	4826507.21	3.20	1	E	250	66.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.2	0.0	0.0	0.0	0.0	2.0	18.9
123	611907.86	4826507.21	3.20	1	E	500	70.0	0.0	0.0	0.0	0.0	47.2	0.1	-2.5	0.0	0.0	0.0	0.0	2.0	23.2
123	611907.86	4826507.21	3.20	1	E	1000	71.0	0.0	0.0	0.0	0.0	47.2	0.2	-2.7	0.0	0.0	0.0	0.0	2.0	24.3
123	611907.86	4826507.21	3.20	1	E	2000	68.0	0.0	0.0	0.0	0.0	47.2	0.6	-2.8	0.0	0.0	0.0	0.0	2.0	21.0
123	611907.86	4826507.21	3.20	1	E	4000	62.0	0.0	0.0	0.0	0.0	47.2	2.1	-2.8	0.0	0.0	0.0	0.0	2.0	13.5
123	611907.86	4826507.21	3.20	1	E	8000	53.0	0.0	0.0	0.0	0.0	47.2	7.5	-2.8	0.0	0.0	0.0	0.0	2.0	-0.9
124	611907.86	4826507.21	3.20	1	D	2000	68.0	0.0	0.0	0.0	0.0	55.8	1.7	-3.6	0.0	0.0	0.0	0.0	2.0	12.0
124	611907.86	4826507.21	3.20	1	D	4000	62.0	0.0	0.0	0.0	0.0	55.8	5.7	-3.6	0.0	0.0	0.0	0.0	2.0	2.0
124	611907.86	4826507.21	3.20	1	D	8000	53.0	0.0	0.0	0.0	0.0	55.8	20.4	-3.6	0.0	0.0	0.0	0.0	2.0	-21.7
124	611907.86	4826507.21	3.20	1	N	2000	68.0	0.0	-3.0	0.0	0.0	55.8	1.7	-3.6	0.0	0.0	0.0	0.0	2.0	9.0
124	611907.86	4826507.21	3.20	1	N	4000	62.0	0.0	-3.0	0.0	0.0	55.8	5.7	-3.6	0.0	0.0	0.0	0.0	2.0	-1.0
124	611907.86	4826507.21	3.20	1	N	8000	53.0	0.0	-3.0	0.0	0.0	55.8	20.4	-3.6	0.0	0.0	0.0	0.0	2.0	-24.7
124	611907.86	4826507.21	3.20	1	E	2000	68.0	0.0	0.0	0.0	0.0	55.8	1.7	-3.6	0.0	0.0	0.0	0.0	2.0	12.0
124	611907.86	4826507.21	3.20	1	E	4000	62.0	0.0	0.0	0.0	0.0	55.8	5.7	-3.6	0.0	0.0	0.0	0.0	2.0	2.0
124	611907.86	4826507.21	3.20	1	E	8000	53.0	0.0	0.0	0.0	0.0	55.8	20.4	-3.6	0.0	0.0	0.0	0.0	2.0	-21.7
125	611907.86	4826507.21	3.20	2	D	4000	62.0	0.0	0.0	0.0	0.0	60.9	10.2	-4.3	0.0	0.0	0.0	0.0	4.0	-8.8
125	611907.86	4826507.21	3.20	2	D	8000	53.0	0.0	0.0	0.0	0.0	60.9	36.5	-4.3	0.0	0.0	0.0	0.0	4.0	-44.1
125	611907.86	4826507.21	3.20	2	N	4000	62.0	0.0	-3.0	0.0	0.0	60.9	10.2	-4.3	0.0	0.0	0.0	0.0	4.0	-11.8
125	611907.86	4826507.21	3.20	2	N	8000	53.0	0.0	-3.0	0.0	0.0	60.9	36.5	-4.3	0.0	0.0	0.0	0.0	4.0	-47.1
125	611907.86	4826507.21	3.20	2	E	4000	62.0	0.0	0.0	0.0	0.0	60.9	10.2	-4.3	0.0	0.0	0.0	0.0	4.0	-8.8
125	611907.86	4826507.21	3.20	2	E	8000	53.0	0.0	0.0	0.0	0.0	60.9	36.5	-4.3	0.0	0.0	0.0	0.0	4.0	-44.1
126	611907.86	4826507.21	3.20	2	D	2000	68.0	0.0	0.0	0.0	0.0	60.9	3.0	-4.3	0.0	0.0	9.1	0.0	4.0	-4.7
126	611907.86	4826507.21	3.20	2	D	4000	62.0	0.0	0.0	0.0	0.0	60.9	10.2	-4.3	0.0	0.0	9.1	0.0	4.0	-17.9
126	611907.86	4826507.21	3.20	2	D	8000	53.0	0.0	0.0	0.0	0.0	60.9	36.5	-4.3	0.0	0.0	9.1	0.0	4.0	-53.2
126	611907.86	4826507.21	3.20	2	N	2000	68.0	0.0	-3.0	0.0	0.0	60.9	3.0	-4.3	0.0	0.0	9.1	0.0	4.0	-7.7
126	611907.86	4826507.21	3.20	2	N	4000	62.0	0.0	-3.0	0.0	0.0	60.9	10.2	-4.3	0.0	0.0	9.1	0.0	4.0	-20.9
126	611907.86	4826507.21	3.20	2	N	8000	53.0	0.0	-3.0	0.0	0.0	60.9	36.5	-4.3	0.0	0.0	9.1	0.0	4.0	-56.2
126	611907.86	4826507.21	3.20	2	E	2000	68.0	0.0	0.0	0.0	0.0	60.9	3.0	-4.3	0.0	0.0	9.1	0.0	4.0	-4.7
126	611907.86	4826507.21	3.20	2	E	4000	62.0	0.0	0.0	0.0	0.0	60.9	10.2	-4.3	0.0	0.0	9.1	0.0	4.0	-17.9
126	611907.86	4826507.21	3.20	2	E	8000	53.0	0.0	0.0	0.0	0.0	60.9	36.5	-4.3	0.0	0.0	9.1	0.0	4.0	-53.2
127	611907.86	4826507.21	3.20	2	D	2000	68.0	0.0	0.0	0.0	0.0	61.3	3.2	-4.4	0.0	0.0	13.8	0.0	4.0	-9.9
127	611907.86	4826507.21	3.20	2	D	4000	62.0	0.0	0.0	0.0	0.0	61.3	10.7	-4.4	0.0	0.0	16.4	0.0	4.0	-26.0
127	611907.86	4826507.21	3.20	2	D	8000	53.0	0.0	0.0	0.0	0.0	61.3	38.3	-4.4	0.0	0.0	19.1	0.0	4.0	-65.3
127	611907.86	4826507.21	3.20	2	N	2000	68.0	0.0	-3.0	0.0	0.0	61.3	3.2	-4.4	0.0	0.0	13.8	0.0	4.0	-12.9
127	611907.86	4826507.21	3.20	2	N	4000	62.0	0.0	-3.0	0.0	0.0	61.3	10.7	-4.4	0.0	0.0	16.4	0.0	4.0	-29.0
127	611907.86	4826507.21	3.20	2	N	8000	53.0	0.0	-3.0	0.0	0.0	61.3	38.3	-4.4	0.0	0.0	19.1	0.0	4.0	-68.3
127	611907.86	4826507.21	3.20	2	E	2000	68.0	0.0	0.0	0.0	0.0	61.3	3.2	-4.4	0.0	0.0	13.8	0.0	4.0	-9.9
127	611907.86	4826507.21	3.20	2	E	4000	62.0	0.0	0.0	0.0	0.0	61.3	10.7	-4.4	0.0	0.0	16.4	0.0	4.0	-26.0
127	611907.86	4826507.21	3.20	2	E	8000	53.0	0.0	0.0	0.0	0.0	61.3	38.3	-4.4	0.0	0.0	19.1	0.0	4.0	-65.3
128	611907.86	4826507.21	3.20	1	D	2000	68.0	0.0	0.0	0.0	0.0	56.7	1.9	-3.3	0.0	0.0	0.0	0.0	2.0	10.7
128	611907.86	4826507.21	3.20	1	D	4000	62.0	0.0	0.0	0.0	0.0	56.7	6.3	-3.3	0.0	0.0	0.0	0.0	2.0	0.2
128	611907.86	4826507.21	3.20	1	D	8000	53.0	0.0	0.0	0.0	0.0	56.7	22.6	-3.3	0.0	0.0	0.0	0.0	2.0	-25.1
128	611907.86	4826507.21	3.20	1	N	2000	68.0	0.0	-3.0	0.0	0.0	56.7	1.9	-3.3	0.0	0.0	0.0	0.0	2.0	7.7
128	611907.86	4826507.21	3.20	1	N	4000	62.0	0.0	-3.0	0.0	0.0	56.7	6.3	-3.3	0.0	0.0	0.0	0.0	2.0	-2.8
128	611907.86	4826507.21	3.20	1	N	8000	53.0	0.0	-3.0	0.0	0.0	56.7	22.6	-3.3	0.0	0.0	0.0	0.0	2.0	-28.1
128	611907.86	4826507.21	3.20	1	E	2000	68.0	0.0	0.0	0.0	0.0	56.7	1.9	-3.3	0.0	0.0	0.0	0.0	2.0	10.7
128	611907.86	4826507.21	3.20	1	E	4000	62.0	0.0	0.0	0.0	0.0	56.7	6.3	-3.3	0.0	0.0	0.0	0.0	2.0	0.2
128	611907.86	4826507.21	3.20	1	E	8000	53.0	0.0	0.0	0.0	0.0	56.7	22.6	-3.3	0.0	0.0	0.0	0.0	2.0	-25.1
129	611907.86	4826507.21	3.20	1	D	1000	71.0	0.0	0.0	0.0	0.0	57.4	0.8	-2.6	0.0	0.0	7.6	0.0	2.0	5.8
129	611907.86	4826507.21	3.20	1	D	2000	68.0	0.0	0.0	0.0	0.0	57.4	2.0	-3.0	0.0	0.0	8.3	0.0	2.0	1.3
129	611907.86	4826507.21	3.20	1	D	4000	62.0	0.0	0.0	0.0	0.0	57.4	6.8	-3.0	0.0	0.0	8.7	0.0	2.0	-9.9
129	611907.86	4826507.21	3.20	1	D	8000	53.0	0.0	0.0	0.0	0.0	57.4	24.4	-3.0	0.0	0.0	9.5	0.0	2.0	-37.2
129	611907.86	4826507.21	3.20	1	N	1000	71.0	0.0	-3.0	0.0	0.0	57.4	0.8	-2.6	0.0	0.0	7.6	0.0	2.0	2.8
129	611907.86	4826507.21	3.20	1	N	2000	68.0	0.0	-3.0	0.0	0.0	57.4	2.0	-3.0	0.0	0.0	8.3	0.0	2.0	-1.7
129	611907.86	4826507.21	3.20	1	N	4000	62.0	0.0	-3.0	0.0	0.0	57.4	6.8	-3.0	0.0	0.0	8.7	0.0	2.0	-12.9
129	611907.86	4826507.21	3.20	1	N	8000	53.0	0.0	-3.0	0.0	0.0	57.4	24.4	-3.0	0.0	0.0	9.5	0.0	2.0	-40.2
129	611907.86	4826507.21	3.20	1	E	1000	71.0	0.0	0.0	0.0	0.0	57.4	0.8	-2.6	0.0	0.0	7.6	0.0	2.0	5.8
129	611907.86	4826507.21	3.20	1	E	2000	68.0	0.0	0.0	0.0	0.0									

Point Source, ISO 9613, Name: "Air Conditioner #03", ID: "C1_AC03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
129	611907.86	4826507.21	3.20	1	E	4000	62.0	0.0	0.0	0.0	0.0	57.4	6.8	-3.0	0.0	0.0	8.7	0.0	2.0	-9.9
129	611907.86	4826507.21	3.20	1	E	8000	53.0	0.0	0.0	0.0	0.0	57.4	24.4	-3.0	0.0	0.0	9.5	0.0	2.0	-37.2

Point Source, ISO 9613, Name: "Rooftop HVAC Unit #01", ID: "C1_RTU01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
130	611887.69	4826474.56	7.35	0	D	63	36.0	0.0	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	3.1	0.0	0.0	-14.7
130	611887.69	4826474.56	7.35	0	D	125	53.2	0.0	0.0	0.0	0.0	50.6	0.0	-2.6	0.0	0.0	3.0	0.0	0.0	2.2
130	611887.69	4826474.56	7.35	0	D	250	62.9	0.0	0.0	0.0	0.0	50.6	0.1	-2.2	0.0	0.0	2.9	0.0	0.0	11.5
130	611887.69	4826474.56	7.35	0	D	500	71.5	0.0	0.0	0.0	0.0	50.6	0.2	-2.4	0.0	0.0	3.1	0.0	0.0	19.9
130	611887.69	4826474.56	7.35	0	D	1000	76.2	0.0	0.0	0.0	0.0	50.6	0.4	-2.7	0.0	0.0	3.5	0.0	0.0	24.4
130	611887.69	4826474.56	7.35	0	D	2000	74.1	0.0	0.0	0.0	0.0	50.6	0.9	-2.8	0.0	0.0	4.0	0.0	0.0	21.3
130	611887.69	4826474.56	7.35	0	D	4000	69.7	0.0	0.0	0.0	0.0	50.6	3.1	-2.8	0.0	0.0	4.7	0.0	0.0	14.0
130	611887.69	4826474.56	7.35	0	D	8000	60.4	0.0	0.0	0.0	0.0	50.6	11.2	-2.8	0.0	0.0	5.5	0.0	0.0	-4.1
130	611887.69	4826474.56	7.35	0	N	63	36.0	0.0	-3.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	3.1	0.0	0.0	-17.7
130	611887.69	4826474.56	7.35	0	N	125	53.2	0.0	-3.0	0.0	0.0	50.6	0.0	-2.6	0.0	0.0	3.0	0.0	0.0	-0.8
130	611887.69	4826474.56	7.35	0	N	250	62.9	0.0	-3.0	0.0	0.0	50.6	0.1	-2.2	0.0	0.0	2.9	0.0	0.0	8.4
130	611887.69	4826474.56	7.35	0	N	500	71.5	0.0	-3.0	0.0	0.0	50.6	0.2	-2.4	0.0	0.0	3.1	0.0	0.0	16.9
130	611887.69	4826474.56	7.35	0	N	1000	76.2	0.0	-3.0	0.0	0.0	50.6	0.4	-2.7	0.0	0.0	3.5	0.0	0.0	21.4
130	611887.69	4826474.56	7.35	0	N	2000	74.1	0.0	-3.0	0.0	0.0	50.6	0.9	-2.8	0.0	0.0	4.0	0.0	0.0	18.3
130	611887.69	4826474.56	7.35	0	N	4000	69.7	0.0	-3.0	0.0	0.0	50.6	3.1	-2.8	0.0	0.0	4.7	0.0	0.0	11.0
130	611887.69	4826474.56	7.35	0	N	8000	60.4	0.0	-3.0	0.0	0.0	50.6	11.2	-2.8	0.0	0.0	5.5	0.0	0.0	-7.2
130	611887.69	4826474.56	7.35	0	E	63	36.0	0.0	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	3.1	0.0	0.0	-14.7
130	611887.69	4826474.56	7.35	0	E	125	53.2	0.0	0.0	0.0	0.0	50.6	0.0	-2.6	0.0	0.0	3.0	0.0	0.0	2.2
130	611887.69	4826474.56	7.35	0	E	250	62.9	0.0	0.0	0.0	0.0	50.6	0.1	-2.2	0.0	0.0	2.9	0.0	0.0	11.5
130	611887.69	4826474.56	7.35	0	E	500	71.5	0.0	0.0	0.0	0.0	50.6	0.2	-2.4	0.0	0.0	3.1	0.0	0.0	19.9
130	611887.69	4826474.56	7.35	0	E	1000	76.2	0.0	0.0	0.0	0.0	50.6	0.4	-2.7	0.0	0.0	3.5	0.0	0.0	24.4
130	611887.69	4826474.56	7.35	0	E	2000	74.1	0.0	0.0	0.0	0.0	50.6	0.9	-2.8	0.0	0.0	4.0	0.0	0.0	21.3
130	611887.69	4826474.56	7.35	0	E	4000	69.7	0.0	0.0	0.0	0.0	50.6	3.1	-2.8	0.0	0.0	4.7	0.0	0.0	14.0
130	611887.69	4826474.56	7.35	0	E	8000	60.4	0.0	0.0	0.0	0.0	50.6	11.2	-2.8	0.0	0.0	5.5	0.0	0.0	-4.1
131	611887.69	4826474.56	7.35	1	D	2000	74.1	0.0	0.0	0.0	0.0	57.6	2.1	-2.9	0.0	0.0	7.7	0.0	2.0	7.7
131	611887.69	4826474.56	7.35	1	D	4000	69.7	0.0	0.0	0.0	0.0	57.6	7.0	-2.9	0.0	0.0	7.7	0.0	2.0	-1.6
131	611887.69	4826474.56	7.35	1	D	8000	60.4	0.0	0.0	0.0	0.0	57.6	24.9	-2.9	0.0	0.0	7.7	0.0	2.0	-28.8
131	611887.69	4826474.56	7.35	1	N	2000	74.1	0.0	-3.0	0.0	0.0	57.6	2.1	-2.9	0.0	0.0	7.7	0.0	2.0	4.7
131	611887.69	4826474.56	7.35	1	N	4000	69.7	0.0	-3.0	0.0	0.0	57.6	7.0	-2.9	0.0	0.0	7.7	0.0	2.0	-4.6
131	611887.69	4826474.56	7.35	1	N	8000	60.4	0.0	-3.0	0.0	0.0	57.6	24.9	-2.9	0.0	0.0	7.7	0.0	2.0	-31.9
131	611887.69	4826474.56	7.35	1	E	2000	74.1	0.0	0.0	0.0	0.0	57.6	2.1	-2.9	0.0	0.0	7.7	0.0	2.0	7.7
131	611887.69	4826474.56	7.35	1	E	4000	69.7	0.0	0.0	0.0	0.0	57.6	7.0	-2.9	0.0	0.0	7.7	0.0	2.0	-1.6
131	611887.69	4826474.56	7.35	1	E	8000	60.4	0.0	0.0	0.0	0.0	57.6	24.9	-2.9	0.0	0.0	7.7	0.0	2.0	-28.8
132	611887.69	4826474.56	7.35	2	D	2000	74.1	0.0	0.0	0.0	0.0	59.8	2.7	-3.1	0.0	0.0	0.0	0.0	4.0	10.7
132	611887.69	4826474.56	7.35	2	D	4000	69.7	0.0	0.0	0.0	0.0	59.8	9.0	-3.1	0.0	0.0	0.0	0.0	4.0	-0.0
132	611887.69	4826474.56	7.35	2	D	8000	60.4	0.0	0.0	0.0	0.0	59.8	32.1	-3.1	0.0	0.0	0.0	0.0	4.0	-32.4
132	611887.69	4826474.56	7.35	2	N	2000	74.1	0.0	-3.0	0.0	0.0	59.8	2.7	-3.1	0.0	0.0	0.0	0.0	4.0	7.7
132	611887.69	4826474.56	7.35	2	N	4000	69.7	0.0	-3.0	0.0	0.0	59.8	9.0	-3.1	0.0	0.0	0.0	0.0	4.0	-3.0
132	611887.69	4826474.56	7.35	2	N	8000	60.4	0.0	-3.0	0.0	0.0	59.8	32.1	-3.1	0.0	0.0	0.0	0.0	4.0	-35.5
132	611887.69	4826474.56	7.35	2	E	2000	74.1	0.0	0.0	0.0	0.0	59.8	2.7	-3.1	0.0	0.0	0.0	0.0	4.0	10.7
132	611887.69	4826474.56	7.35	2	E	4000	69.7	0.0	0.0	0.0	0.0	59.8	9.0	-3.1	0.0	0.0	0.0	0.0	4.0	-0.0
132	611887.69	4826474.56	7.35	2	E	8000	60.4	0.0	0.0	0.0	0.0	59.8	32.1	-3.1	0.0	0.0	0.0	0.0	4.0	-32.4
133	611887.69	4826474.56	7.35	1	D	500	71.5	0.0	0.0	0.0	0.0	54.9	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	16.2
133	611887.69	4826474.56	7.35	1	D	1000	76.2	0.0	0.0	0.0	0.0	54.9	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	21.3
133	611887.69	4826474.56	7.35	1	D	2000	74.1	0.0	0.0	0.0	0.0	54.9	1.5	-2.7	0.0	0.0	0.0	0.0	2.0	18.3
133	611887.69	4826474.56	7.35	1	D	4000	69.7	0.0	0.0	0.0	0.0	54.9	5.2	-2.7	0.0	0.0	0.0	0.0	2.0	10.3
133	611887.69	4826474.56	7.35	1	D	8000	60.4	0.0	0.0	0.0	0.0	54.9	18.4	-2.7	0.0	0.0	0.0	0.0	2.0	-12.2
133	611887.69	4826474.56	7.35	1	N	500	71.5	0.0	-3.0	0.0	0.0	54.9	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	13.2
133	611887.69	4826474.56	7.35	1	N	1000	76.2	0.0	-3.0	0.0	0.0	54.9	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	18.3
133	611887.69	4826474.56	7.35	1	N	2000	74.1	0.0	-3.0	0.0	0.0	54.9	1.5	-2.7	0.0	0.0	0.0	0.0	2.0	15.3
133	611887.69	4826474.56	7.35	1	N	4000	69.7	0.0	-3.0	0.0	0.0	54.9	5.2	-2.7	0.0	0.0	0.0	0.0	2.0	7.3
133	611887.69	4826474.56	7.35	1	N	8000	60.4	0.0	-3.0	0.0	0.0	54.9	18.4	-2.7	0.0	0.0	0.0	0.0	2.0	-15.2
133	611887.69	4826474.56	7.35	1	E	500	71.5	0.0	0.0	0.0	0.0	54.9	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	16.2
133	611887.69	4826474.56	7.35	1	E	1000	76.2	0.0	0.0	0.0	0.0	54.9	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	21.3
133	611887.69	4826474.56	7.35	1	E	2000	74.1	0.0	0.0	0.0	0.0	54.9	1.5	-2.7	0.0	0.0	0.0	0.0	2.0	18.3
133	611887.69	4826474.56	7.35	1	E	4000	69.7	0.0	0.0	0.0	0.0	54.9	5.2	-2.7	0.0	0.0	0.0	0.0	2.0	10.3
133	611887.69	4826474.56	7.35	1	E	8000	60.4	0.0	0.0	0.0	0.0	54.9	18.4	-2.7	0.0	0.0	0.0	0.0	2.0	-12.2

Point Source, ISO 9613, Name: "Air Conditioner #02", ID: "C1_AC02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
134	611898.07	4826495.20	2.90	0	D	125	63.0	0.0	0.0	0.0	0.0	48.2	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	17.4
134	611898.07	4826495.20	2.90	0	D	250	66.0	0.0	0.0	0.0	0.0	48.2	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	19.7
134	611898.07	4826495.20	2.90	0	D	500	70.0	0.0	0.0	0.0	0.0	48.2	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	24.0
134	611898.07	4826495.20	2.90	0	D	1000	71.0	0.0	0.0	0.0	0.0	48.2	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	25.2
134	611898.07	4826495.20	2.90	0	D	2000	68.0	0.0	0.0	0.0	0.0	48.2	0.7	-2.8	0.0	0.0	0.0	0.0	0.0	21.8
134	611898.07	4826495.20	2.90	0	D	4000	62.0	0.0	0.0	0.0	0.0	48.2	2.4	-2.8	0.0	0.0	0.0	0.0	0.0	14.1
134	611898.07	4826495.20	2.90	0	D	8000	53.0	0.0	0.0	0.0	0.0	48.2	8.5	-2.8	0.0	0.0	0.0	0.0	0.0	-1.0
134	611898.07	4826495.20	2.90	0	N	125	63.0	0.0	-3.0	0.0	0.0	48.2	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	14.3
134	611898.07	4826495.20	2.90	0	N	250	66.0	0.0	-3.0	0.0	0.0	48.2	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	16.7
134	611898.07	4826495.20	2.90	0	N	500	70.0	0.0	-3.0	0.0	0.0	48.2	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	21.0
134	611898.07	4826495.20	2.90	0	N	1000	71.0	0.0	-3.0	0.0	0.0	48.2	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	22.2
134	611898.07	4826495.20	2.90	0	N	2000	68.0	0.0	-3.0	0.0	0.0	48.2	0.7	-2.8	0.0	0.0	0.0	0.0	0.0	18.8
134	611898.07	4826495.20	2.90	0	N	4000	62.0	0.0	-3.0	0.0	0.0	48.2	2.4	-2.8	0.0	0.0	0.0	0.0	0.0	11.1
134	611898.07	4826495.20	2.90	0	N	8000	53.0	0.0	-3.0	0.0	0.0	48.2	8.5	-2.8	0.0	0.0	0.0	0.0	0.0	-4.0
134	611898.07	4826495.20	2.90	0	E	125	63.0	0.0	0.0	0.0	0.0	48.2	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	17.4
134	611898.07	4826495.20	2.90	0	E	250	66.0	0.0	0.0	0.0	0.0	48.2	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	19.7
134	611898.07	4826495.20	2.90	0	E	500	70.0	0.0	0.0	0.0	0.0	48.2	0.1	-2.4	0.0	0.0	0.0	0.0	0.0	24.0
134	611898.07	4826495.20	2.90	0	E	1000	71.0	0.0	0.0	0.0	0.0	48.2	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	25.2
134	611898.07	4826495.20	2.90	0	E	2000	68.0	0.0	0.0	0.0	0.0	48.2	0.7	-2.8	0.0	0.0	0.0	0.0	0.0	21.8
134	611898.07	4826495.20	2.90	0	E	4000	62.0	0.0	0.0	0.0	0.0	48.2	2.4	-2.8	0.0	0.0	0.0	0.0	0.0	14.1
134	611898.07	4826495.20	2.90	0	E	8000	53.0	0.0	0.0	0.0	0.0	48.2	8.5	-2.8	0.0	0.0	0.0	0.0	0.0	-1.0
135	611898.07	4826495.20	2.90	1	D	125	63.0	0.0	0.0	0.0	0.0	48.8	0.0	-2.5	0.0	0.0	21.7	0.0	2.0	-7.0
135	611898.07	4826495.20	2.90	1	D	250	66.0	0.0	0.0	0.0	0.0	48.8	0.1	-1.9	0.0	0.0	21.9	0.0	2.0	-4.9
135	611898.07	4826495.20	2.90	1	D	500	70.0	0.0	0.0	0.0	0.0	48.8	0.2	-2.3	0.0	0.0	27.3	0.0	2.0	-6.0
135	611898.07	4826495.20	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	27.7	0.0	2.0	-5.1
135	611898.07	4826495.20	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	48.8	0.8	-2.7	0.0	0.0	27.7	0.0	2.0	-8.6
135	611898.07	4826495.20	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	48.8	2.6	-2.7	0.0	0.0	27.7	0.0	2.0	-16.4
135	611898.07	4826495.20	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	48.8	9.1	-2.7	0.0	0.0	27.7	0.0	2.0	-31.9
135	611898.07	4826495.20	2.90	1	N	125	63.0	0.0	-3.0	0.0	0.0	48.8	0.0	-2.5	0.0	0.0	21.7	0.0	2.0	-10.0
135	611898.07	4826495.20	2.90	1	N	250	66.0	0.0	-3.0	0.0	0.0	48.8	0.1	-1.9	0.0	0.0	21.9	0.0	2.0	-7.9
135	611898.07	4826495.20	2.90	1	N	500	70.0	0.0	-3.0	0.0	0.0	48.8	0.2	-2.3	0.0	0.0	27.3	0.0	2.0	-9.0
135	611898.07	4826495.20	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	27.7	0.0	2.0	-8.1
135	611898.07	4826495.20	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	48.8	0.8	-2.7	0.0	0.0	27.7	0.0	2.0	-11.6
135	611898.07	4826495.20	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	48.8	2.6	-2.7	0.0	0.0	27.7	0.0	2.0	-19.4
135	611898.07	4826495.20	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	48.8	9.1	-2.7	0.0	0.0	27.7	0.0	2.0	-35.0
135	611898.07	4826495.20	2.90	1	E	125	63.0	0.0	0.0	0.0	0.0	48.8	0.0	-2.5	0.0	0.0	21.7	0.0	2.0	-7.0
135	611898.07	4826495.20	2.90	1	E	250	66.0	0.0	0.0	0.0	0.0	48.8	0.1	-1.9	0.0	0.0	21.9	0.0	2.0	-4.9
135	611898.07	4826495.20	2.90	1	E	500	70.0	0.0	0.0	0.0	0.0	48.8	0.2	-2.3	0.0	0.0	27.3	0.0	2.0	-6.0
135	611898.07	4826495.20	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	27.7	0.0	2.0	-5.1
135	611898.07	4826495.20	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	48.8	0.8	-2.7	0.0	0.0	27.7	0.0	2.0	-8.6
135	611898.07	4826495.20	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	48.8	2.6	-2.7	0.0	0.0	27.7	0.0	2.0	-16.4
135	611898.07	4826495.20	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	48.8	9.1	-2.7	0.0	0.0	27.7	0.0	2.0	-31.9
136	611898.07	4826495.20	2.90	1	D	125	63.0	0.0	0.0	0.0	0.0	48.8	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	14.7
136	611898.07	4826495.20	2.90	1	D	250	66.0	0.0	0.0	0.0	0.0	48.8	0.1	-1.9	0.0	0.0	0.0	0.0	2.0	17.0
136	611898.07	4826495.20	2.90	1	D	500	70.0	0.0	0.0	0.0	0.0	48.8	0.1	-2.3	0.0	0.0	0.0	0.0	2.0	21.3
136	611898.07	4826495.20	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	0.0	0.0	2.0	22.6
136	611898.07	4826495.20	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	48.8	0.8	-2.7	0.0	0.0	0.0	0.0	2.0	19.2
136	611898.07	4826495.20	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	48.8	2.5	-2.7	0.0	0.0	0.0	0.0	2.0	11.4
136	611898.07	4826495.20	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	48.8	9.1	-2.7	0.0	0.0	0.0	0.0	2.0	-4.2
136	611898.07	4826495.20	2.90	1	N	125	63.0	0.0	-3.0	0.0	0.0	48.8	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	11.7
136	611898.07	4826495.20	2.90	1	N	250	66.0	0.0	-3.0	0.0	0.0	48.8	0.1	-1.9	0.0	0.0	0.0	0.0	2.0	14.0
136	611898.07	4826495.20	2.90	1	N	500	70.0	0.0	-3.0	0.0	0.0	48.8	0.1	-2.3	0.0	0.0	0.0	0.0	2.0	18.3
136	611898.07	4826495.20	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	0.0	0.0	2.0	19.6
136	611898.07	4826495.20	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	48.8	0.8	-2.7	0.0	0.0	0.0	0.0	2.0	16.1
136	611898.07	4826495.20	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	48.8	2.5	-2.7	0.0	0.0	0.0	0.0	2.0	8.3
136	611898.07	4826495.20	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	48.8	9.1	-2.7	0.0	0.0	0.0	0.0	2.0	-7.2
136	611898.07	4826495.20	2.90	1	E	125	63.0	0.0	0.0	0.0	0.0	48.8	0.0	-2.5	0.0	0.0	0.0	0.0	2.0	14.7
136	611898.07	4826495.20	2.90	1	E	250	66.0	0.0	0.0	0.0	0.0	48.8	0.1	-1.9	0.0	0.0	0.0	0.0	2.0	17.0
136	611898.07	4826495.20	2.90	1	E	500	70.0	0.0	0.0	0.0	0.0	48.8	0.1	-2.3	0.0	0.0	0.0	0.0	2.0	21.3
136	611898.07	4826495.20	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	0.0	0.0	2.0	22.6
136	611898.07	4826495.20	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	48.8	0.8	-2.7	0.0	0.0	0.0	0.0	2.0	19.2
136	611898.07	4826495.20	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	48.8	2.5	-2.7	0.0	0.0	0.0	0.0	2.0	11.4
136	611898.07	4826495.20	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	48.8	9.1	-2.7	0.0	0.0	0.0	0.0	2.0	-4.2
137	611898.07	4826495.20	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	56.6	1.8	-3.9	0.0					

Point Source, ISO 9613, Name: "Air Conditioner #02", ID: "C1_AC02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
137	611898.07	4826495.20	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	56.6	6.2	-3.9	0.0	0.0	0.0	0.0	2.0	1.1
137	611898.07	4826495.20	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	56.6	22.2	-3.9	0.0	0.0	0.0	0.0	2.0	-23.9
137	611898.07	4826495.20	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	56.6	1.8	-3.9	0.0	0.0	0.0	0.0	2.0	8.5
137	611898.07	4826495.20	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	56.6	6.2	-3.9	0.0	0.0	0.0	0.0	2.0	-1.9
137	611898.07	4826495.20	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	56.6	22.2	-3.9	0.0	0.0	0.0	0.0	2.0	-26.9
137	611898.07	4826495.20	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	56.6	1.8	-3.9	0.0	0.0	0.0	0.0	2.0	11.5
137	611898.07	4826495.20	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	56.6	6.2	-3.9	0.0	0.0	0.0	0.0	2.0	1.1
137	611898.07	4826495.20	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	56.6	22.2	-3.9	0.0	0.0	0.0	0.0	2.0	-23.9
138	611898.07	4826495.20	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	60.4	2.9	-4.4	0.0	0.0	0.0	0.0	4.0	5.0
138	611898.07	4826495.20	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	60.4	9.7	-4.4	0.0	0.0	0.0	0.0	4.0	-7.8
138	611898.07	4826495.20	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	60.4	34.7	-4.4	0.0	0.0	0.0	0.0	4.0	-41.8
138	611898.07	4826495.20	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	60.4	2.9	-4.4	0.0	0.0	0.0	0.0	4.0	2.0
138	611898.07	4826495.20	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	60.4	9.7	-4.4	0.0	0.0	0.0	0.0	4.0	-10.8
138	611898.07	4826495.20	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	60.4	34.7	-4.4	0.0	0.0	0.0	0.0	4.0	-44.8
138	611898.07	4826495.20	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	60.4	2.9	-4.4	0.0	0.0	0.0	0.0	4.0	5.0
138	611898.07	4826495.20	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	60.4	9.7	-4.4	0.0	0.0	0.0	0.0	4.0	-7.8
138	611898.07	4826495.20	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	60.4	34.7	-4.4	0.0	0.0	0.0	0.0	4.0	-41.8
139	611898.07	4826495.20	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	60.4	2.9	-4.4	0.0	0.0	9.2	0.0	4.0	-4.1
139	611898.07	4826495.20	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	60.4	9.7	-4.4	0.0	0.0	9.2	0.0	4.0	-17.0
139	611898.07	4826495.20	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	60.4	34.7	-4.4	0.0	0.0	9.2	0.0	4.0	-51.0
139	611898.07	4826495.20	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	60.4	2.9	-4.4	0.0	0.0	9.2	0.0	4.0	-7.1
139	611898.07	4826495.20	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	60.4	9.7	-4.4	0.0	0.0	9.2	0.0	4.0	-20.0
139	611898.07	4826495.20	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	60.4	34.7	-4.4	0.0	0.0	9.2	0.0	4.0	-54.0
139	611898.07	4826495.20	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	60.4	2.9	-4.4	0.0	0.0	9.2	0.0	4.0	-4.1
139	611898.07	4826495.20	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	60.4	9.7	-4.4	0.0	0.0	9.2	0.0	4.0	-17.0
139	611898.07	4826495.20	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	60.4	34.7	-4.4	0.0	0.0	9.2	0.0	4.0	-51.0
140	611898.07	4826495.20	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	56.0	1.7	-3.3	0.0	0.0	0.0	0.0	2.0	11.5
140	611898.07	4826495.20	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	56.0	5.8	-3.3	0.0	0.0	0.0	0.0	2.0	1.4
140	611898.07	4826495.20	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	56.0	20.9	-3.3	0.0	0.0	0.0	0.0	2.0	-22.6
140	611898.07	4826495.20	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	56.0	1.7	-3.3	0.0	0.0	0.0	0.0	2.0	8.5
140	611898.07	4826495.20	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	56.0	5.8	-3.3	0.0	0.0	0.0	0.0	2.0	-1.6
140	611898.07	4826495.20	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	56.0	20.9	-3.3	0.0	0.0	0.0	0.0	2.0	-25.6
140	611898.07	4826495.20	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	56.0	1.7	-3.3	0.0	0.0	0.0	0.0	2.0	11.5
140	611898.07	4826495.20	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	56.0	5.8	-3.3	0.0	0.0	0.0	0.0	2.0	1.4
140	611898.07	4826495.20	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	56.0	20.9	-3.3	0.0	0.0	0.0	0.0	2.0	-22.6
141	611898.07	4826495.20	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	56.7	0.7	-3.2	0.0	0.0	8.7	0.0	2.0	6.0
141	611898.07	4826495.20	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	56.7	1.9	-3.5	0.0	0.0	9.6	0.0	2.0	1.2
141	611898.07	4826495.20	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	56.7	6.3	-3.5	0.0	0.0	10.7	0.0	2.0	-10.3
141	611898.07	4826495.20	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	56.7	22.6	-3.5	0.0	0.0	12.2	0.0	2.0	-37.1
141	611898.07	4826495.20	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	56.7	0.7	-3.2	0.0	0.0	8.7	0.0	2.0	3.0
141	611898.07	4826495.20	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	56.7	1.9	-3.5	0.0	0.0	9.6	0.0	2.0	-1.8
141	611898.07	4826495.20	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	56.7	6.3	-3.5	0.0	0.0	10.7	0.0	2.0	-13.3
141	611898.07	4826495.20	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	56.7	22.6	-3.5	0.0	0.0	12.2	0.0	2.0	-40.1
141	611898.07	4826495.20	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	56.7	0.7	-3.2	0.0	0.0	8.7	0.0	2.0	6.0
141	611898.07	4826495.20	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	56.7	1.9	-3.5	0.0	0.0	9.6	0.0	2.0	1.2
141	611898.07	4826495.20	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	56.7	6.3	-3.5	0.0	0.0	10.7	0.0	2.0	-10.3
141	611898.07	4826495.20	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	56.7	22.6	-3.5	0.0	0.0	12.2	0.0	2.0	-37.1

Point Source, ISO 9613, Name: "NE Facade Exhaust Fan #06", ID: "C1_EF06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
142	611944.00	4826541.08	1.50	0	D	32	32.6	0.0	0.0	0.0	0.0	37.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-9.8
142	611944.00	4826541.08	1.50	0	D	63	49.3	0.0	0.0	0.0	0.0	37.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	6.9
142	611944.00	4826541.08	1.50	0	D	125	57.1	0.0	0.0	0.0	0.0	37.6	0.0	-2.6	0.0	0.0	7.5	0.0	0.0	14.7
142	611944.00	4826541.08	1.50	0	D	250	59.3	0.0	0.0	0.0	0.0	37.6	0.0	-2.1	0.0	0.0	7.1	0.0	0.0	16.8
142	611944.00	4826541.08	1.50	0	D	500	61.9	0.0	0.0	0.0	0.0	37.6	0.0	-2.3	0.0	0.0	7.4	0.0	0.0	19.2
142	611944.00	4826541.08	1.50	0	D	1000	62.9	0.0	0.0	0.0	0.0	37.6	0.1	-2.6	0.0	0.0	8.0	0.0	0.0	19.9
142	611944.00	4826541.08	1.50	0	D	2000	60.6	0.0	0.0	0.0	0.0	37.6	0.2	-2.7	0.0	0.0	8.6	0.0	0.0	16.9
142	611944.00	4826541.08	1.50	0	D	4000	54.4	0.0	0.0	0.0	0.0	37.6	0.7	-2.7	0.0	0.0	9.5	0.0	0.0	9.3
142	611944.00	4826541.08	1.50	0	D	8000	45.4	0.0	0.0	0.0	0.0	37.6	2.5	-2.7	0.0	0.0	10.8	0.0	0.0	-2.8
142	611944.00	4826541.08	1.50	0	N	32	32.6	0.0	-188.0	0.0	0.0	37.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-197.8
142	611944.00	4826541.08	1.50	0	N	63	49.3	0.0	-188.0	0.0	0.0	37.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-181.1
142	611944.00	4826541.08	1.50	0	N	125	57.1	0.0	-188.0	0.0	0.0	37.6	0.0	-2.6	0.0	0.0	7.5	0.0	0.0	-173.3
142	611944.00	4826541.08	1.50	0	N	250	59.3	0.0	-188.0	0.0	0.0	37.6	0.0	-2.1	0.0	0.0	7.1	0.0	0.0	-171.2

Point Source, ISO 9613, Name: "NE Facade Exhaust Fan #06", ID: "C1_EF06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
142	611944.00	4826541.08	1.50	0	N	500	61.9	0.0	-188.0	0.0	0.0	37.6	0.0	-2.3	0.0	0.0	7.4	0.0	0.0	-168.8
142	611944.00	4826541.08	1.50	0	N	1000	62.9	0.0	-188.0	0.0	0.0	37.6	0.1	-2.6	0.0	0.0	8.0	0.0	0.0	-168.1
142	611944.00	4826541.08	1.50	0	N	2000	60.6	0.0	-188.0	0.0	0.0	37.6	0.2	-2.7	0.0	0.0	8.6	0.0	0.0	-171.1
142	611944.00	4826541.08	1.50	0	N	4000	54.4	0.0	-188.0	0.0	0.0	37.6	0.7	-2.7	0.0	0.0	9.5	0.0	0.0	-178.7
142	611944.00	4826541.08	1.50	0	N	8000	45.4	0.0	-188.0	0.0	0.0	37.6	2.5	-2.7	0.0	0.0	10.8	0.0	0.0	-190.8
142	611944.00	4826541.08	1.50	0	E	32	32.6	0.0	0.0	0.0	0.0	37.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	-9.8
142	611944.00	4826541.08	1.50	0	E	63	49.3	0.0	0.0	0.0	0.0	37.6	0.0	-3.0	0.0	0.0	7.8	0.0	0.0	6.9
142	611944.00	4826541.08	1.50	0	E	125	57.1	0.0	0.0	0.0	0.0	37.6	0.0	-2.6	0.0	0.0	7.5	0.0	0.0	14.7
142	611944.00	4826541.08	1.50	0	E	250	59.3	0.0	0.0	0.0	0.0	37.6	0.0	-2.1	0.0	0.0	7.1	0.0	0.0	16.8
142	611944.00	4826541.08	1.50	0	E	500	61.9	0.0	0.0	0.0	0.0	37.6	0.0	-2.3	0.0	0.0	7.4	0.0	0.0	19.2
142	611944.00	4826541.08	1.50	0	E	1000	62.9	0.0	0.0	0.0	0.0	37.6	0.1	-2.6	0.0	0.0	8.0	0.0	0.0	19.9
142	611944.00	4826541.08	1.50	0	E	2000	60.6	0.0	0.0	0.0	0.0	37.6	0.2	-2.7	0.0	0.0	8.6	0.0	0.0	16.9
142	611944.00	4826541.08	1.50	0	E	4000	54.4	0.0	0.0	0.0	0.0	37.6	0.7	-2.7	0.0	0.0	9.5	0.0	0.0	9.3
142	611944.00	4826541.08	1.50	0	E	8000	45.4	0.0	0.0	0.0	0.0	37.6	2.5	-2.7	0.0	0.0	10.8	0.0	0.0	-2.8
143	611944.00	4826541.08	1.50	1	D	32	32.6	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	19.7	0.0	2.0	-30.3
143	611944.00	4826541.08	1.50	1	D	63	49.3	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	22.6	0.0	2.0	-16.5
143	611944.00	4826541.08	1.50	1	D	125	57.1	0.0	0.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	24.7	0.0	2.0	-11.8
143	611944.00	4826541.08	1.50	1	D	250	59.3	0.0	0.0	0.0	0.0	44.2	0.0	-0.3	0.0	0.0	25.3	0.0	2.0	-11.9
143	611944.00	4826541.08	1.50	1	D	500	61.9	0.0	0.0	0.0	0.0	44.2	0.1	-0.9	0.0	0.0	25.9	0.0	2.0	-9.4
143	611944.00	4826541.08	1.50	1	D	1000	62.9	0.0	0.0	0.0	0.0	44.2	0.2	-2.1	0.0	0.0	27.1	0.0	2.0	-8.5
143	611944.00	4826541.08	1.50	1	D	2000	60.6	0.0	0.0	0.0	0.0	44.2	0.4	-2.3	0.0	0.0	27.3	0.0	2.0	-11.0
143	611944.00	4826541.08	1.50	1	D	4000	54.4	0.0	0.0	0.0	0.0	44.2	1.5	-2.3	0.0	0.0	27.3	0.0	2.0	-18.3
143	611944.00	4826541.08	1.50	1	D	8000	45.4	0.0	0.0	0.0	0.0	44.2	5.3	-2.3	0.0	0.0	27.3	0.0	2.0	-31.1
143	611944.00	4826541.08	1.50	1	N	32	32.6	0.0	-188.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	19.7	0.0	2.0	-218.3
143	611944.00	4826541.08	1.50	1	N	63	49.3	0.0	-188.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	22.6	0.0	2.0	-204.5
143	611944.00	4826541.08	1.50	1	N	125	57.1	0.0	-188.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	24.7	0.0	2.0	-199.8
143	611944.00	4826541.08	1.50	1	N	250	59.3	0.0	-188.0	0.0	0.0	44.2	0.0	-0.3	0.0	0.0	25.3	0.0	2.0	-199.9
143	611944.00	4826541.08	1.50	1	N	500	61.9	0.0	-188.0	0.0	0.0	44.2	0.1	-0.9	0.0	0.0	25.9	0.0	2.0	-197.4
143	611944.00	4826541.08	1.50	1	N	1000	62.9	0.0	-188.0	0.0	0.0	44.2	0.2	-2.1	0.0	0.0	27.1	0.0	2.0	-196.5
143	611944.00	4826541.08	1.50	1	N	2000	60.6	0.0	-188.0	0.0	0.0	44.2	0.4	-2.3	0.0	0.0	27.3	0.0	2.0	-199.0
143	611944.00	4826541.08	1.50	1	N	4000	54.4	0.0	-188.0	0.0	0.0	44.2	1.5	-2.3	0.0	0.0	27.3	0.0	2.0	-206.3
143	611944.00	4826541.08	1.50	1	N	8000	45.4	0.0	-188.0	0.0	0.0	44.2	5.3	-2.3	0.0	0.0	27.3	0.0	2.0	-219.1
143	611944.00	4826541.08	1.50	1	E	32	32.6	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	19.7	0.0	2.0	-30.3
143	611944.00	4826541.08	1.50	1	E	63	49.3	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	22.6	0.0	2.0	-16.5
143	611944.00	4826541.08	1.50	1	E	125	57.1	0.0	0.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	24.7	0.0	2.0	-11.8
143	611944.00	4826541.08	1.50	1	E	250	59.3	0.0	0.0	0.0	0.0	44.2	0.0	-0.3	0.0	0.0	25.3	0.0	2.0	-11.9
143	611944.00	4826541.08	1.50	1	E	500	61.9	0.0	0.0	0.0	0.0	44.2	0.1	-0.9	0.0	0.0	25.9	0.0	2.0	-9.4
143	611944.00	4826541.08	1.50	1	E	1000	62.9	0.0	0.0	0.0	0.0	44.2	0.2	-2.1	0.0	0.0	27.1	0.0	2.0	-8.5
143	611944.00	4826541.08	1.50	1	E	2000	60.6	0.0	0.0	0.0	0.0	44.2	0.4	-2.3	0.0	0.0	27.3	0.0	2.0	-11.0
143	611944.00	4826541.08	1.50	1	E	4000	54.4	0.0	0.0	0.0	0.0	44.2	1.5	-2.3	0.0	0.0	27.3	0.0	2.0	-18.3
143	611944.00	4826541.08	1.50	1	E	8000	45.4	0.0	0.0	0.0	0.0	44.2	5.3	-2.3	0.0	0.0	27.3	0.0	2.0	-31.1
144	611944.00	4826541.08	1.50	1	D	32	32.6	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	19.0	0.0	2.0	-29.6
144	611944.00	4826541.08	1.50	1	D	63	49.3	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	21.9	0.0	2.0	-15.8
144	611944.00	4826541.08	1.50	1	D	125	57.1	0.0	0.0	0.0	0.0	44.2	0.0	-2.8	0.0	0.0	24.8	0.0	2.0	-11.1
144	611944.00	4826541.08	1.50	1	D	250	59.3	0.0	0.0	0.0	0.0	44.2	0.0	-2.4	0.0	0.0	27.4	0.0	2.0	-11.9
144	611944.00	4826541.08	1.50	1	D	500	61.9	0.0	0.0	0.0	0.0	44.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	-9.4
144	611944.00	4826541.08	1.50	1	D	1000	62.9	0.0	0.0	0.0	0.0	44.2	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-8.5
144	611944.00	4826541.08	1.50	1	D	2000	60.6	0.0	0.0	0.0	0.0	44.2	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-11.0
144	611944.00	4826541.08	1.50	1	D	4000	54.4	0.0	0.0	0.0	0.0	44.2	1.5	-2.8	0.0	0.0	27.8	0.0	2.0	-18.3
144	611944.00	4826541.08	1.50	1	D	8000	45.4	0.0	0.0	0.0	0.0	44.2	5.3	-2.8	0.0	0.0	27.8	0.0	2.0	-31.1
144	611944.00	4826541.08	1.50	1	N	32	32.6	0.0	-188.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	19.0	0.0	2.0	-217.6
144	611944.00	4826541.08	1.50	1	N	63	49.3	0.0	-188.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	21.9	0.0	2.0	-203.8
144	611944.00	4826541.08	1.50	1	N	125	57.1	0.0	-188.0	0.0	0.0	44.2	0.0	-2.8	0.0	0.0	24.8	0.0	2.0	-199.1
144	611944.00	4826541.08	1.50	1	N	250	59.3	0.0	-188.0	0.0	0.0	44.2	0.0	-2.4	0.0	0.0	27.4	0.0	2.0	-199.9
144	611944.00	4826541.08	1.50	1	N	500	61.9	0.0	-188.0	0.0	0.0	44.2	0.1	-2.5	0.0	0.0	27.5	0.0	2.0	-197.4
144	611944.00	4826541.08	1.50	1	N	1000	62.9	0.0	-188.0	0.0	0.0	44.2	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-196.5
144	611944.00	4826541.08	1.50	1	N	2000	60.6	0.0	-188.0	0.0	0.0	44.2	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-199.0
144	611944.00	4826541.08	1.50	1	N	4000	54.4	0.0	-188.0	0.0	0.0	44.2	1.5	-2.8	0.0	0.0	27.8	0.0	2.0	-206.3
144	611944.00	4826541.08	1.50	1	N	8000	45.4	0.0	-188.0	0.0	0.0	44.2	5.3	-2.8	0.0	0.0	27.8	0.0	2.0	-219.1
144	611944.00	4826541.08	1.50	1	E	32	32.6	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	19.0	0.0	2.0	-29.6
144	611944.00	4826541.08	1.50	1	E	63	49.3	0.0	0.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	21.9	0.0	2.0	-15.8
144	611944.00	4826541.08	1.50	1	E	125	57.1	0.0	0.0	0.0	0.0	44.2	0.0	-2.8	0.0	0.0	24.8	0.0	2.0	-11.1
144	611944.00	4826541.08	1.50	1	E	250	59.3	0.0	0.0	0.0	0.0	44.2	0.0	-2.4	0.0	0.0	27.4	0.0	2.0	-11.9
144	611944.00	4826541.08	1.50	1</																

Point Source, ISO 9613, Name: "NE Facade Exhaust Fan #06", ID: "C1_EF06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agf	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
144	611944.00	4826541.08	1.50	1	E	1000	62.9	0.0	0.0	0.0	0.0	44.2	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-8.5
144	611944.00	4826541.08	1.50	1	E	2000	60.6	0.0	0.0	0.0	0.0	44.2	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-11.0
144	611944.00	4826541.08	1.50	1	E	4000	54.4	0.0	0.0	0.0	0.0	44.2	1.5	-2.8	0.0	0.0	27.8	0.0	2.0	-18.3
144	611944.00	4826541.08	1.50	1	E	8000	45.4	0.0	0.0	0.0	0.0	44.2	5.3	-2.8	0.0	0.0	27.8	0.0	2.0	-31.1
145	611944.00	4826541.08	1.50	1	D	32	32.6	0.0	0.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	18.9	0.0	2.0	-28.9
145	611944.00	4826541.08	1.50	1	D	63	49.3	0.0	0.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	21.8	0.0	2.0	-15.1
145	611944.00	4826541.08	1.50	1	D	125	57.1	0.0	0.0	0.0	0.0	43.6	0.0	-2.2	0.0	0.0	22.2	0.0	2.0	-8.5
145	611944.00	4826541.08	1.50	1	D	250	59.3	0.0	0.0	0.0	0.0	43.6	0.0	-0.8	0.0	0.0	20.8	0.0	2.0	-6.3
145	611944.00	4826541.08	1.50	1	D	500	61.9	0.0	0.0	0.0	0.0	43.6	0.1	-1.3	0.0	0.0	21.3	0.0	2.0	-3.8
145	611944.00	4826541.08	1.50	1	D	1000	62.9	0.0	0.0	0.0	0.0	43.6	0.2	-2.3	0.0	0.0	27.3	0.0	2.0	-7.8
145	611944.00	4826541.08	1.50	1	D	2000	60.6	0.0	0.0	0.0	0.0	43.6	0.4	-2.4	0.0	0.0	27.4	0.0	2.0	-10.4
145	611944.00	4826541.08	1.50	1	D	4000	54.4	0.0	0.0	0.0	0.0	43.6	1.4	-2.4	0.0	0.0	27.4	0.0	2.0	-17.6
145	611944.00	4826541.08	1.50	1	D	8000	45.4	0.0	0.0	0.0	0.0	43.6	5.0	-2.4	0.0	0.0	27.4	0.0	2.0	-30.2
145	611944.00	4826541.08	1.50	1	N	32	32.6	0.0	-188.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	18.9	0.0	2.0	-216.9
145	611944.00	4826541.08	1.50	1	N	63	49.3	0.0	-188.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	21.8	0.0	2.0	-203.1
145	611944.00	4826541.08	1.50	1	N	125	57.1	0.0	-188.0	0.0	0.0	43.6	0.0	-2.2	0.0	0.0	22.2	0.0	2.0	-196.5
145	611944.00	4826541.08	1.50	1	N	250	59.3	0.0	-188.0	0.0	0.0	43.6	0.0	-0.8	0.0	0.0	20.8	0.0	2.0	-194.3
145	611944.00	4826541.08	1.50	1	N	500	61.9	0.0	-188.0	0.0	0.0	43.6	0.1	-1.3	0.0	0.0	21.3	0.0	2.0	-191.8
145	611944.00	4826541.08	1.50	1	N	1000	62.9	0.0	-188.0	0.0	0.0	43.6	0.2	-2.3	0.0	0.0	27.3	0.0	2.0	-195.8
145	611944.00	4826541.08	1.50	1	N	2000	60.6	0.0	-188.0	0.0	0.0	43.6	0.4	-2.4	0.0	0.0	27.4	0.0	2.0	-198.4
145	611944.00	4826541.08	1.50	1	N	4000	54.4	0.0	-188.0	0.0	0.0	43.6	1.4	-2.4	0.0	0.0	27.4	0.0	2.0	-205.6
145	611944.00	4826541.08	1.50	1	N	8000	45.4	0.0	-188.0	0.0	0.0	43.6	5.0	-2.4	0.0	0.0	27.4	0.0	2.0	-218.2
145	611944.00	4826541.08	1.50	1	E	32	32.6	0.0	0.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	18.9	0.0	2.0	-28.9
145	611944.00	4826541.08	1.50	1	E	63	49.3	0.0	0.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	21.8	0.0	2.0	-15.1
145	611944.00	4826541.08	1.50	1	E	125	57.1	0.0	0.0	0.0	0.0	43.6	0.0	-2.2	0.0	0.0	22.2	0.0	2.0	-8.5
145	611944.00	4826541.08	1.50	1	E	250	59.3	0.0	0.0	0.0	0.0	43.6	0.0	-0.8	0.0	0.0	20.8	0.0	2.0	-6.3
145	611944.00	4826541.08	1.50	1	E	500	61.9	0.0	0.0	0.0	0.0	43.6	0.1	-1.3	0.0	0.0	21.3	0.0	2.0	-3.8
145	611944.00	4826541.08	1.50	1	E	1000	62.9	0.0	0.0	0.0	0.0	43.6	0.2	-2.3	0.0	0.0	27.3	0.0	2.0	-7.8
145	611944.00	4826541.08	1.50	1	E	2000	60.6	0.0	0.0	0.0	0.0	43.6	0.4	-2.4	0.0	0.0	27.4	0.0	2.0	-10.4
145	611944.00	4826541.08	1.50	1	E	4000	54.4	0.0	0.0	0.0	0.0	43.6	1.4	-2.4	0.0	0.0	27.4	0.0	2.0	-17.6
145	611944.00	4826541.08	1.50	1	E	8000	45.4	0.0	0.0	0.0	0.0	43.6	5.0	-2.4	0.0	0.0	27.4	0.0	2.0	-30.2
146	611944.00	4826541.08	1.50	1	D	32	32.6	0.0	0.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-17.7
146	611944.00	4826541.08	1.50	1	D	63	49.3	0.0	0.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-1.0
146	611944.00	4826541.08	1.50	1	D	125	57.1	0.0	0.0	0.0	0.0	43.5	0.0	-2.2	0.0	0.0	7.0	0.0	2.0	6.8
146	611944.00	4826541.08	1.50	1	D	250	59.3	0.0	0.0	0.0	0.0	43.5	0.0	-0.8	0.0	0.0	5.6	0.0	2.0	8.9
146	611944.00	4826541.08	1.50	1	D	500	61.9	0.0	0.0	0.0	0.0	43.5	0.1	-1.3	0.0	0.0	6.2	0.0	2.0	11.4
146	611944.00	4826541.08	1.50	1	D	1000	62.9	0.0	0.0	0.0	0.0	43.5	0.2	-2.3	0.0	0.0	7.2	0.0	2.0	12.2
146	611944.00	4826541.08	1.50	1	D	2000	60.6	0.0	0.0	0.0	0.0	43.5	0.4	-2.4	0.0	0.0	7.6	0.0	2.0	9.5
146	611944.00	4826541.08	1.50	1	D	4000	54.4	0.0	0.0	0.0	0.0	43.5	1.4	-2.4	0.0	0.0	8.0	0.0	2.0	1.9
146	611944.00	4826541.08	1.50	1	D	8000	45.4	0.0	0.0	0.0	0.0	43.5	4.9	-2.4	0.0	0.0	8.7	0.0	2.0	-11.3
146	611944.00	4826541.08	1.50	1	N	32	32.6	0.0	-188.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-205.7
146	611944.00	4826541.08	1.50	1	N	63	49.3	0.0	-188.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-189.0
146	611944.00	4826541.08	1.50	1	N	125	57.1	0.0	-188.0	0.0	0.0	43.5	0.0	-2.2	0.0	0.0	7.0	0.0	2.0	-181.2
146	611944.00	4826541.08	1.50	1	N	250	59.3	0.0	-188.0	0.0	0.0	43.5	0.0	-0.8	0.0	0.0	5.6	0.0	2.0	-179.1
146	611944.00	4826541.08	1.50	1	N	500	61.9	0.0	-188.0	0.0	0.0	43.5	0.1	-1.3	0.0	0.0	6.2	0.0	2.0	-176.6
146	611944.00	4826541.08	1.50	1	N	1000	62.9	0.0	-188.0	0.0	0.0	43.5	0.2	-2.3	0.0	0.0	7.2	0.0	2.0	-175.8
146	611944.00	4826541.08	1.50	1	N	2000	60.6	0.0	-188.0	0.0	0.0	43.5	0.4	-2.4	0.0	0.0	7.6	0.0	2.0	-178.5
146	611944.00	4826541.08	1.50	1	N	4000	54.4	0.0	-188.0	0.0	0.0	43.5	1.4	-2.4	0.0	0.0	8.0	0.0	2.0	-186.1
146	611944.00	4826541.08	1.50	1	N	8000	45.4	0.0	-188.0	0.0	0.0	43.5	4.9	-2.4	0.0	0.0	8.7	0.0	2.0	-199.3
146	611944.00	4826541.08	1.50	1	E	32	32.6	0.0	0.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-17.7
146	611944.00	4826541.08	1.50	1	E	63	49.3	0.0	0.0	0.0	0.0	43.5	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-1.0
146	611944.00	4826541.08	1.50	1	E	125	57.1	0.0	0.0	0.0	0.0	43.5	0.0	-2.2	0.0	0.0	7.0	0.0	2.0	6.8
146	611944.00	4826541.08	1.50	1	E	250	59.3	0.0	0.0	0.0	0.0	43.5	0.0	-0.8	0.0	0.0	5.6	0.0	2.0	8.9
146	611944.00	4826541.08	1.50	1	E	500	61.9	0.0	0.0	0.0	0.0	43.5	0.1	-1.3	0.0	0.0	6.2	0.0	2.0	11.4
146	611944.00	4826541.08	1.50	1	E	1000	62.9	0.0	0.0	0.0	0.0	43.5	0.2	-2.3	0.0	0.0	7.2	0.0	2.0	12.2
146	611944.00	4826541.08	1.50	1	E	2000	60.6	0.0	0.0	0.0	0.0	43.5	0.4	-2.4	0.0	0.0	7.6	0.0	2.0	9.5
146	611944.00	4826541.08	1.50	1	E	4000	54.4	0.0	0.0	0.0	0.0	43.5	1.4	-2.4	0.0	0.0	8.0	0.0	2.0	1.9
146	611944.00	4826541.08	1.50	1	E	8000	45.4	0.0	0.0	0.0	0.0	43.5	4.9	-2.4	0.0	0.0	8.7	0.0	2.0	-11.3
147	611944.00	4826541.08	1.50	1	D	32	32.6	0.0	0.0	0.0	0.0	43.4	0.0	-3.0	0.0	0.0	14.2	0.0	2.0	-24.1
147	611944.00	4826541.08	1.50	1	D	63	49.3	0.0	0.0	0.0	0.0	43.4	0.0	-3.0	0.0	0.0	16.8	0.0	2.0	-9.9
147	611944.00	4826541.08	1.50	1	D	125	57.1	0.0	0.0	0.0	0.0	43.4	0.0	-2.8	0.0	0.0	19.3	0.0	2.0	-4.9
147	611944.00	4826541.08	1.50	1	D	250	59.3	0.0	0.0	0.0	0.0	43.4	0.0	-2.4	0.0	0.0	22.2	0.0	2.0	-6.0
147	611944.00	4826541.08	1.50	1	D	500	61.9	0.0	0.0	0.0	0.0	43.4	0.1	-2.5	0.0	0.0	26.3	0.0	2.0	-7.4
147	611944.00	4826541.08	1.50	1	D	1000	62.9	0.0	0.0	0										

Point Source, ISO 9613, Name: "NE Facade Exhaust Fan #06", ID: "C1_EF06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
147	611944.00	4826541.08	1.50	1	D	2000	60.6	0.0	0.0	0.0	0.0	43.4	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-10.2
147	611944.00	4826541.08	1.50	1	D	4000	54.4	0.0	0.0	0.0	0.0	43.4	1.4	-2.8	0.0	0.0	27.8	0.0	2.0	-17.4
147	611944.00	4826541.08	1.50	1	D	8000	45.4	0.0	0.0	0.0	0.0	43.4	4.9	-2.8	0.0	0.0	27.8	0.0	2.0	-29.9
147	611944.00	4826541.08	1.50	1	N	32	32.6	0.0	-188.0	0.0	0.0	43.4	0.0	-3.0	0.0	0.0	14.2	0.0	2.0	-212.1
147	611944.00	4826541.08	1.50	1	N	63	49.3	0.0	-188.0	0.0	0.0	43.4	0.0	-3.0	0.0	0.0	16.8	0.0	2.0	-197.9
147	611944.00	4826541.08	1.50	1	N	125	57.1	0.0	-188.0	0.0	0.0	43.4	0.0	-2.8	0.0	0.0	19.3	0.0	2.0	-192.9
147	611944.00	4826541.08	1.50	1	N	250	59.3	0.0	-188.0	0.0	0.0	43.4	0.0	-2.4	0.0	0.0	22.2	0.0	2.0	-194.0
147	611944.00	4826541.08	1.50	1	N	500	61.9	0.0	-188.0	0.0	0.0	43.4	0.1	-2.5	0.0	0.0	26.3	0.0	2.0	-195.4
147	611944.00	4826541.08	1.50	1	N	1000	62.9	0.0	-188.0	0.0	0.0	43.4	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-195.7
147	611944.00	4826541.08	1.50	1	N	2000	60.6	0.0	-188.0	0.0	0.0	43.4	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-198.2
147	611944.00	4826541.08	1.50	1	N	4000	54.4	0.0	-188.0	0.0	0.0	43.4	1.4	-2.8	0.0	0.0	27.8	0.0	2.0	-205.4
147	611944.00	4826541.08	1.50	1	N	8000	45.4	0.0	-188.0	0.0	0.0	43.4	4.9	-2.8	0.0	0.0	27.8	0.0	2.0	-217.9
147	611944.00	4826541.08	1.50	1	E	32	32.6	0.0	0.0	0.0	0.0	43.4	0.0	-3.0	0.0	0.0	14.2	0.0	2.0	-24.1
147	611944.00	4826541.08	1.50	1	E	63	49.3	0.0	0.0	0.0	0.0	43.4	0.0	-3.0	0.0	0.0	16.8	0.0	2.0	-9.9
147	611944.00	4826541.08	1.50	1	E	125	57.1	0.0	0.0	0.0	0.0	43.4	0.0	-2.8	0.0	0.0	19.3	0.0	2.0	-4.9
147	611944.00	4826541.08	1.50	1	E	250	59.3	0.0	0.0	0.0	0.0	43.4	0.0	-2.4	0.0	0.0	22.2	0.0	2.0	-6.0
147	611944.00	4826541.08	1.50	1	E	500	61.9	0.0	0.0	0.0	0.0	43.4	0.1	-2.5	0.0	0.0	26.3	0.0	2.0	-7.4
147	611944.00	4826541.08	1.50	1	E	1000	62.9	0.0	0.0	0.0	0.0	43.4	0.2	-2.8	0.0	0.0	27.8	0.0	2.0	-7.7
147	611944.00	4826541.08	1.50	1	E	2000	60.6	0.0	0.0	0.0	0.0	43.4	0.4	-2.8	0.0	0.0	27.8	0.0	2.0	-10.2
147	611944.00	4826541.08	1.50	1	E	4000	54.4	0.0	0.0	0.0	0.0	43.4	1.4	-2.8	0.0	0.0	27.8	0.0	2.0	-17.4
147	611944.00	4826541.08	1.50	1	E	8000	45.4	0.0	0.0	0.0	0.0	43.4	4.9	-2.8	0.0	0.0	27.8	0.0	2.0	-29.9
148	611944.00	4826541.08	1.50	2	D	2000	60.6	0.0	0.0	0.0	0.0	45.4	0.5	-2.6	0.0	0.0	7.7	0.0	3.0	6.6
148	611944.00	4826541.08	1.50	2	D	4000	54.4	0.0	0.0	0.0	0.0	45.4	1.7	-2.6	0.0	0.0	7.9	0.0	3.0	-1.0
148	611944.00	4826541.08	1.50	2	D	8000	45.4	0.0	0.0	0.0	0.0	45.4	6.1	-2.6	0.0	0.0	8.4	0.0	3.0	-14.9
148	611944.00	4826541.08	1.50	2	N	2000	60.6	0.0	-188.0	0.0	0.0	45.4	0.5	-2.6	0.0	0.0	7.7	0.0	3.0	-181.4
148	611944.00	4826541.08	1.50	2	N	4000	54.4	0.0	-188.0	0.0	0.0	45.4	1.7	-2.6	0.0	0.0	7.9	0.0	3.0	-189.0
148	611944.00	4826541.08	1.50	2	N	8000	45.4	0.0	-188.0	0.0	0.0	45.4	6.1	-2.6	0.0	0.0	8.4	0.0	3.0	-202.9
148	611944.00	4826541.08	1.50	2	E	2000	60.6	0.0	0.0	0.0	0.0	45.4	0.5	-2.6	0.0	0.0	7.7	0.0	3.0	6.6
148	611944.00	4826541.08	1.50	2	E	4000	54.4	0.0	0.0	0.0	0.0	45.4	1.7	-2.6	0.0	0.0	7.9	0.0	3.0	-1.0
148	611944.00	4826541.08	1.50	2	E	8000	45.4	0.0	0.0	0.0	0.0	45.4	6.1	-2.6	0.0	0.0	8.4	0.0	3.0	-14.9
149	611944.00	4826541.08	1.50	1	D	63	49.3	0.0	0.0	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-0.2
149	611944.00	4826541.08	1.50	1	D	125	57.1	0.0	0.0	0.0	0.0	42.7	0.0	-2.8	0.0	0.0	7.6	0.0	2.0	7.5
149	611944.00	4826541.08	1.50	1	D	250	59.3	0.0	0.0	0.0	0.0	42.7	0.0	-2.4	0.0	0.0	7.2	0.0	2.0	9.7
149	611944.00	4826541.08	1.50	1	D	500	61.9	0.0	0.0	0.0	0.0	42.7	0.1	-2.5	0.0	0.0	7.4	0.0	2.0	12.2
149	611944.00	4826541.08	1.50	1	D	1000	62.9	0.0	0.0	0.0	0.0	42.7	0.1	-2.8	0.0	0.0	7.8	0.0	2.0	13.0
149	611944.00	4826541.08	1.50	1	D	2000	60.6	0.0	0.0	0.0	0.0	42.7	0.4	-2.8	0.0	0.0	8.1	0.0	2.0	10.3
149	611944.00	4826541.08	1.50	1	D	4000	54.4	0.0	0.0	0.0	0.0	42.7	1.3	-2.8	0.0	0.0	8.5	0.0	2.0	2.7
149	611944.00	4826541.08	1.50	1	D	8000	45.4	0.0	0.0	0.0	0.0	42.7	4.5	-2.8	0.0	0.0	9.2	0.0	2.0	-10.2
149	611944.00	4826541.08	1.50	1	N	63	49.3	0.0	-188.0	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-188.2
149	611944.00	4826541.08	1.50	1	N	125	57.1	0.0	-188.0	0.0	0.0	42.7	0.0	-2.8	0.0	0.0	7.6	0.0	2.0	-180.5
149	611944.00	4826541.08	1.50	1	N	250	59.3	0.0	-188.0	0.0	0.0	42.7	0.0	-2.4	0.0	0.0	7.2	0.0	2.0	-178.3
149	611944.00	4826541.08	1.50	1	N	500	61.9	0.0	-188.0	0.0	0.0	42.7	0.1	-2.5	0.0	0.0	7.4	0.0	2.0	-175.8
149	611944.00	4826541.08	1.50	1	N	1000	62.9	0.0	-188.0	0.0	0.0	42.7	0.1	-2.8	0.0	0.0	7.8	0.0	2.0	-175.0
149	611944.00	4826541.08	1.50	1	N	2000	60.6	0.0	-188.0	0.0	0.0	42.7	0.4	-2.8	0.0	0.0	8.1	0.0	2.0	-177.7
149	611944.00	4826541.08	1.50	1	N	4000	54.4	0.0	-188.0	0.0	0.0	42.7	1.3	-2.8	0.0	0.0	8.5	0.0	2.0	-185.3
149	611944.00	4826541.08	1.50	1	N	8000	45.4	0.0	-188.0	0.0	0.0	42.7	4.5	-2.8	0.0	0.0	9.2	0.0	2.0	-198.2
149	611944.00	4826541.08	1.50	1	E	63	49.3	0.0	0.0	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	7.8	0.0	2.0	-0.2
149	611944.00	4826541.08	1.50	1	E	125	57.1	0.0	0.0	0.0	0.0	42.7	0.0	-2.8	0.0	0.0	7.6	0.0	2.0	7.5
149	611944.00	4826541.08	1.50	1	E	250	59.3	0.0	0.0	0.0	0.0	42.7	0.0	-2.4	0.0	0.0	7.2	0.0	2.0	9.7
149	611944.00	4826541.08	1.50	1	E	500	61.9	0.0	0.0	0.0	0.0	42.7	0.1	-2.5	0.0	0.0	7.4	0.0	2.0	12.2
149	611944.00	4826541.08	1.50	1	E	1000	62.9	0.0	0.0	0.0	0.0	42.7	0.1	-2.8	0.0	0.0	7.8	0.0	2.0	13.0
149	611944.00	4826541.08	1.50	1	E	2000	60.6	0.0	0.0	0.0	0.0	42.7	0.4	-2.8	0.0	0.0	8.1	0.0	2.0	10.3
149	611944.00	4826541.08	1.50	1	E	4000	54.4	0.0	0.0	0.0	0.0	42.7	1.3	-2.8	0.0	0.0	8.5	0.0	2.0	2.7
149	611944.00	4826541.08	1.50	1	E	8000	45.4	0.0	0.0	0.0	0.0	42.7	4.5	-2.8	0.0	0.0	9.2	0.0	2.0	-10.2
150	611944.00	4826541.08	1.50	1	D	2000	60.6	0.0	0.0	0.0	0.0	53.0	1.2	-3.5	0.0	0.0	25.4	0.0	2.0	-17.5
150	611944.00	4826541.08	1.50	1	D	4000	54.4	0.0	0.0	0.0	0.0	53.0	4.1	-3.5	0.0	0.0	28.5	0.0	2.0	-29.7
150	611944.00	4826541.08	1.50	1	D	8000	45.4	0.0	0.0	0.0	0.0	53.0	14.7	-3.5	0.0	0.0	28.5	0.0	2.0	-49.3
150	611944.00	4826541.08	1.50	1	N	2000	60.6	0.0	-188.0	0.0	0.0	53.0	1.2	-3.5	0.0	0.0	25.4	0.0	2.0	-205.5
150	611944.00	4826541.08	1.50	1	N	4000	54.4	0.0	-188.0	0.0	0.0	53.0	4.1	-3.5	0.0	0.0	28.5	0.0	2.0	-217.7
150	611944.00	4826541.08	1.50	1	N	8000	45.4	0.0	-188.0	0.0	0.0	53.0	14.7	-3.5	0.0	0.0	28.5	0.0	2.0	-237.3
150	611944.00	4826541.08	1.50	1	E	2000	60.6	0.0	0.0	0.0	0.0	53.0	1.2	-3.5	0.0	0.0	25.4	0.0	2.0	-17.5
150	611944.00	4826541.08	1.50	1	E	4000	54.4	0.0	0.0	0.0	0.0	53.0	4.1	-3.5	0.0	0.0	28.5	0.0	2.0	-29.7
150	611944.00	4826541.08	1.50	1	E	8000	45.4	0.0	0.0	0.0	0.0	53.0	14.7	-3.5	0.0	0.0	28.5	0.0	2.0	-49.3

Point Source, ISO 9613, Name: "Air Conditioner #01", ID: "C1_AC01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
151	611894.75	4826491.13	2.90	0	D	125	63.0	0.0	0.0	0.0	0.0	48.8	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	16.8
151	611894.75	4826491.13	2.90	0	D	250	66.0	0.0	0.0	0.0	0.0	48.8	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	19.1
151	611894.75	4826491.13	2.90	0	D	500	70.0	0.0	0.0	0.0	0.0	48.8	0.2	-2.4	0.0	0.0	0.0	0.0	0.0	23.4
151	611894.75	4826491.13	2.90	0	D	1000	71.0	0.0	0.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	24.6
151	611894.75	4826491.13	2.90	0	D	2000	68.0	0.0	0.0	0.0	0.0	48.8	0.8	-2.8	0.0	0.0	0.0	0.0	0.0	21.2
151	611894.75	4826491.13	2.90	0	D	4000	62.0	0.0	0.0	0.0	0.0	48.8	2.6	-2.8	0.0	0.0	0.0	0.0	0.0	13.4
151	611894.75	4826491.13	2.90	0	D	8000	53.0	0.0	0.0	0.0	0.0	48.8	9.1	-2.8	0.0	0.0	0.0	0.0	0.0	-2.2
151	611894.75	4826491.13	2.90	0	N	125	63.0	0.0	-3.0	0.0	0.0	48.8	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	13.7
151	611894.75	4826491.13	2.90	0	N	250	66.0	0.0	-3.0	0.0	0.0	48.8	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	16.1
151	611894.75	4826491.13	2.90	0	N	500	70.0	0.0	-3.0	0.0	0.0	48.8	0.2	-2.4	0.0	0.0	0.0	0.0	0.0	20.4
151	611894.75	4826491.13	2.90	0	N	1000	71.0	0.0	-3.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	21.6
151	611894.75	4826491.13	2.90	0	N	2000	68.0	0.0	-3.0	0.0	0.0	48.8	0.8	-2.8	0.0	0.0	0.0	0.0	0.0	18.2
151	611894.75	4826491.13	2.90	0	N	4000	62.0	0.0	-3.0	0.0	0.0	48.8	2.6	-2.8	0.0	0.0	0.0	0.0	0.0	10.4
151	611894.75	4826491.13	2.90	0	N	8000	53.0	0.0	-3.0	0.0	0.0	48.8	9.1	-2.8	0.0	0.0	0.0	0.0	0.0	-5.2
151	611894.75	4826491.13	2.90	0	E	125	63.0	0.0	0.0	0.0	0.0	48.8	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	16.8
151	611894.75	4826491.13	2.90	0	E	250	66.0	0.0	0.0	0.0	0.0	48.8	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	19.1
151	611894.75	4826491.13	2.90	0	E	500	70.0	0.0	0.0	0.0	0.0	48.8	0.2	-2.4	0.0	0.0	0.0	0.0	0.0	23.4
151	611894.75	4826491.13	2.90	0	E	1000	71.0	0.0	0.0	0.0	0.0	48.8	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	24.6
151	611894.75	4826491.13	2.90	0	E	2000	68.0	0.0	0.0	0.0	0.0	48.8	0.8	-2.8	0.0	0.0	0.0	0.0	0.0	21.2
151	611894.75	4826491.13	2.90	0	E	4000	62.0	0.0	0.0	0.0	0.0	48.8	2.6	-2.8	0.0	0.0	0.0	0.0	0.0	13.4
151	611894.75	4826491.13	2.90	0	E	8000	53.0	0.0	0.0	0.0	0.0	48.8	9.1	-2.8	0.0	0.0	0.0	0.0	0.0	-2.2
152	611894.75	4826491.13	2.90	1	D	125	63.0	0.0	0.0	0.0	0.0	49.3	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	14.0
152	611894.75	4826491.13	2.90	1	D	250	66.0	0.0	0.0	0.0	0.0	49.3	0.1	-1.7	0.0	0.0	0.0	0.0	2.0	16.2
152	611894.75	4826491.13	2.90	1	D	500	70.0	0.0	0.0	0.0	0.0	49.3	0.2	-2.2	0.0	0.0	0.0	0.0	2.0	20.7
152	611894.75	4826491.13	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	49.3	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	22.0
152	611894.75	4826491.13	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	49.3	0.8	-2.7	0.0	0.0	0.0	0.0	2.0	18.5
152	611894.75	4826491.13	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	49.3	2.7	-2.7	0.0	0.0	0.0	0.0	2.0	10.6
152	611894.75	4826491.13	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	49.3	9.6	-2.7	0.0	0.0	0.0	0.0	2.0	-5.3
152	611894.75	4826491.13	2.90	1	N	125	63.0	0.0	-3.0	0.0	0.0	49.3	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	11.0
152	611894.75	4826491.13	2.90	1	N	250	66.0	0.0	-3.0	0.0	0.0	49.3	0.1	-1.7	0.0	0.0	0.0	0.0	2.0	13.2
152	611894.75	4826491.13	2.90	1	N	500	70.0	0.0	-3.0	0.0	0.0	49.3	0.2	-2.2	0.0	0.0	0.0	0.0	2.0	17.7
152	611894.75	4826491.13	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	49.3	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	19.0
152	611894.75	4826491.13	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	49.3	0.8	-2.7	0.0	0.0	0.0	0.0	2.0	15.5
152	611894.75	4826491.13	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	49.3	2.7	-2.7	0.0	0.0	0.0	0.0	2.0	7.6
152	611894.75	4826491.13	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	49.3	9.6	-2.7	0.0	0.0	0.0	0.0	2.0	-8.3
152	611894.75	4826491.13	2.90	1	E	125	63.0	0.0	0.0	0.0	0.0	49.3	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	14.0
152	611894.75	4826491.13	2.90	1	E	250	66.0	0.0	0.0	0.0	0.0	49.3	0.1	-1.7	0.0	0.0	0.0	0.0	2.0	16.2
152	611894.75	4826491.13	2.90	1	E	500	70.0	0.0	0.0	0.0	0.0	49.3	0.2	-2.2	0.0	0.0	0.0	0.0	2.0	20.7
152	611894.75	4826491.13	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	49.3	0.3	-2.6	0.0	0.0	0.0	0.0	2.0	22.0
152	611894.75	4826491.13	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	49.3	0.8	-2.7	0.0	0.0	0.0	0.0	2.0	18.5
152	611894.75	4826491.13	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	49.3	2.7	-2.7	0.0	0.0	0.0	0.0	2.0	10.6
152	611894.75	4826491.13	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	49.3	9.6	-2.7	0.0	0.0	0.0	0.0	2.0	-5.3
153	611894.75	4826491.13	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	56.8	1.9	-4.0	0.0	0.0	0.0	0.0	2.0	11.3
153	611894.75	4826491.13	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	56.8	6.4	-4.0	0.0	0.0	0.0	0.0	2.0	0.8
153	611894.75	4826491.13	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	56.8	22.8	-4.0	0.0	0.0	0.0	0.0	2.0	-24.7
153	611894.75	4826491.13	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	56.8	1.9	-4.0	0.0	0.0	0.0	0.0	2.0	8.3
153	611894.75	4826491.13	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	56.8	6.4	-4.0	0.0	0.0	0.0	0.0	2.0	-2.3
153	611894.75	4826491.13	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	56.8	22.8	-4.0	0.0	0.0	0.0	0.0	2.0	-27.7
153	611894.75	4826491.13	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	56.8	1.9	-4.0	0.0	0.0	0.0	0.0	2.0	11.3
153	611894.75	4826491.13	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	56.8	6.4	-4.0	0.0	0.0	0.0	0.0	2.0	0.8
153	611894.75	4826491.13	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	56.8	22.8	-4.0	0.0	0.0	0.0	0.0	2.0	-24.7
154	611894.75	4826491.13	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	60.3	2.8	-4.3	0.0	0.0	0.0	0.0	4.0	5.2
154	611894.75	4826491.13	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	60.3	9.6	-4.3	0.0	0.0	0.0	0.0	4.0	-7.5
154	611894.75	4826491.13	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	60.3	34.1	-4.3	0.0	0.0	0.0	0.0	4.0	-41.0
154	611894.75	4826491.13	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	60.3	2.8	-4.3	0.0	0.0	0.0	0.0	4.0	2.2
154	611894.75	4826491.13	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	60.3	9.6	-4.3	0.0	0.0	0.0	0.0	4.0	-10.5
154	611894.75	4826491.13	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	60.3	34.1	-4.3	0.0	0.0	0.0	0.0	4.0	-44.0
154	611894.75	4826491.13	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	60.3	2.8	-4.3	0.0	0.0	0.0	0.0	4.0	5.2
154	611894.75	4826491.13	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	60.3	9.6	-4.3	0.0	0.0	0.0	0.0	4.0	-7.5
154	611894.75	4826491.13	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	60.3	34.1	-4.3	0.0	0.0	0.0	0.0	4.0	-41.0
155	611894.75	4826491.13	2.90	2	D	2000	68.0	0.0	0.0	0.0	0.0	60.3	2.8	-4.3	0.0	0.0	9.2	0.0	4.0	-3.9
155	611894.75	4826491.13	2.90	2	D	4000	62.0	0.0	0.0	0.0	0.0	60.3	9.6	-4.3	0.0	0.0	9.2	0.0	4.0	-16.7
155	611894.75	4826491.13	2.90	2	D	8000	53.0	0.0	0.0	0.0	0.0	60.3	34.1	-4.3	0.0	0.0	9.3	0.0	4.0	-50.3
155	611894.75	4826491.13	2.90	2	N	2000	68.0	0.0	-3.0	0.0	0.0	60.3	2.8	-4.3	0.0	0				

Point Source, ISO 9613, Name: "Air Conditioner #01", ID: "C1_AC01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
155	611894.75	4826491.13	2.90	2	N	4000	62.0	0.0	-3.0	0.0	0.0	60.3	9.6	-4.3	0.0	0.0	9.2	0.0	4.0	-19.7
155	611894.75	4826491.13	2.90	2	N	8000	53.0	0.0	-3.0	0.0	0.0	60.3	34.1	-4.3	0.0	0.0	9.3	0.0	4.0	-53.3
155	611894.75	4826491.13	2.90	2	E	2000	68.0	0.0	0.0	0.0	0.0	60.3	2.8	-4.3	0.0	0.0	9.2	0.0	4.0	-3.9
155	611894.75	4826491.13	2.90	2	E	4000	62.0	0.0	0.0	0.0	0.0	60.3	9.6	-4.3	0.0	0.0	9.2	0.0	4.0	-16.7
155	611894.75	4826491.13	2.90	2	E	8000	53.0	0.0	0.0	0.0	0.0	60.3	34.1	-4.3	0.0	0.0	9.3	0.0	4.0	-50.3
156	611894.75	4826491.13	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	55.8	1.7	-3.5	0.0	0.0	0.0	0.0	2.0	12.0
156	611894.75	4826491.13	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	55.8	5.7	-3.5	0.0	0.0	0.0	0.0	2.0	2.0
156	611894.75	4826491.13	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	55.8	20.2	-3.5	0.0	0.0	0.0	0.0	2.0	-21.5
156	611894.75	4826491.13	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	55.8	1.7	-3.5	0.0	0.0	0.0	0.0	2.0	9.0
156	611894.75	4826491.13	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	55.8	5.7	-3.5	0.0	0.0	0.0	0.0	2.0	-1.0
156	611894.75	4826491.13	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	55.8	20.2	-3.5	0.0	0.0	0.0	0.0	2.0	-24.6
156	611894.75	4826491.13	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	55.8	1.7	-3.5	0.0	0.0	0.0	0.0	2.0	12.0
156	611894.75	4826491.13	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	55.8	5.7	-3.5	0.0	0.0	0.0	0.0	2.0	2.0
156	611894.75	4826491.13	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	55.8	20.2	-3.5	0.0	0.0	0.0	0.0	2.0	-21.5
157	611894.75	4826491.13	2.90	1	D	500	70.0	0.0	0.0	0.0	0.0	55.8	0.3	-2.7	0.0	0.0	7.7	0.0	2.0	6.9
157	611894.75	4826491.13	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	55.8	0.6	-3.4	0.0	0.0	8.5	0.0	2.0	7.5
157	611894.75	4826491.13	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	55.8	1.7	-3.5	0.0	0.0	8.9	0.0	2.0	3.1
157	611894.75	4826491.13	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	55.8	5.7	-3.5	0.0	0.0	9.5	0.0	2.0	-7.5
157	611894.75	4826491.13	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	55.8	20.2	-3.5	0.0	0.0	10.4	0.0	2.0	-32.0
157	611894.75	4826491.13	2.90	1	N	500	70.0	0.0	-3.0	0.0	0.0	55.8	0.3	-2.7	0.0	0.0	7.7	0.0	2.0	3.9
157	611894.75	4826491.13	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	55.8	0.6	-3.4	0.0	0.0	8.5	0.0	2.0	4.5
157	611894.75	4826491.13	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	55.8	1.7	-3.5	0.0	0.0	8.9	0.0	2.0	0.1
157	611894.75	4826491.13	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	55.8	5.7	-3.5	0.0	0.0	9.5	0.0	2.0	-10.5
157	611894.75	4826491.13	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	55.8	20.2	-3.5	0.0	0.0	10.4	0.0	2.0	-35.0
157	611894.75	4826491.13	2.90	1	E	500	70.0	0.0	0.0	0.0	0.0	55.8	0.3	-2.7	0.0	0.0	7.7	0.0	2.0	6.9
157	611894.75	4826491.13	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	55.8	0.6	-3.4	0.0	0.0	8.5	0.0	2.0	7.5
157	611894.75	4826491.13	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	55.8	1.7	-3.5	0.0	0.0	8.9	0.0	2.0	3.1
157	611894.75	4826491.13	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	55.8	5.7	-3.5	0.0	0.0	9.5	0.0	2.0	-7.5
157	611894.75	4826491.13	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	55.8	20.2	-3.5	0.0	0.0	10.4	0.0	2.0	-32.0
158	611894.75	4826491.13	2.90	1	D	1000	71.0	0.0	0.0	0.0	0.0	56.5	0.7	-3.2	0.0	0.0	15.2	0.0	2.0	-0.3
158	611894.75	4826491.13	2.90	1	D	2000	68.0	0.0	0.0	0.0	0.0	56.5	1.8	-3.4	0.0	0.0	19.4	0.0	2.0	-8.3
158	611894.75	4826491.13	2.90	1	D	4000	62.0	0.0	0.0	0.0	0.0	56.5	6.2	-3.4	0.0	0.0	22.9	0.0	2.0	-22.2
158	611894.75	4826491.13	2.90	1	D	8000	53.0	0.0	0.0	0.0	0.0	56.5	22.0	-3.4	0.0	0.0	26.0	0.0	2.0	-50.2
158	611894.75	4826491.13	2.90	1	N	1000	71.0	0.0	-3.0	0.0	0.0	56.5	0.7	-3.2	0.0	0.0	15.2	0.0	2.0	-3.3
158	611894.75	4826491.13	2.90	1	N	2000	68.0	0.0	-3.0	0.0	0.0	56.5	1.8	-3.4	0.0	0.0	19.4	0.0	2.0	-11.3
158	611894.75	4826491.13	2.90	1	N	4000	62.0	0.0	-3.0	0.0	0.0	56.5	6.2	-3.4	0.0	0.0	22.9	0.0	2.0	-25.2
158	611894.75	4826491.13	2.90	1	N	8000	53.0	0.0	-3.0	0.0	0.0	56.5	22.0	-3.4	0.0	0.0	26.0	0.0	2.0	-53.2
158	611894.75	4826491.13	2.90	1	E	1000	71.0	0.0	0.0	0.0	0.0	56.5	0.7	-3.2	0.0	0.0	15.2	0.0	2.0	-0.3
158	611894.75	4826491.13	2.90	1	E	2000	68.0	0.0	0.0	0.0	0.0	56.5	1.8	-3.4	0.0	0.0	19.4	0.0	2.0	-8.3
158	611894.75	4826491.13	2.90	1	E	4000	62.0	0.0	0.0	0.0	0.0	56.5	6.2	-3.4	0.0	0.0	22.9	0.0	2.0	-22.2
158	611894.75	4826491.13	2.90	1	E	8000	53.0	0.0	0.0	0.0	0.0	56.5	22.0	-3.4	0.0	0.0	26.0	0.0	2.0	-50.2

Point Source, ISO 9613, Name: "Exhaust Pipe System", ID: "C1_EPS"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
159	611900.79	4826498.54	1.60	0	DEN	32	32.8	0.0	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-11.9
159	611900.79	4826498.54	1.60	0	DEN	63	43.8	0.0	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9
159	611900.79	4826498.54	1.60	0	DEN	125	52.8	0.0	0.0	0.0	0.0	47.7	0.0	-2.8	0.0	0.0	0.0	0.0	0.0	7.9
159	611900.79	4826498.54	1.60	0	DEN	250	64.7	0.0	0.0	0.0	0.0	47.7	0.1	-2.3	0.0	0.0	0.0	0.0	0.0	19.2
159	611900.79	4826498.54	1.60	0	DEN	500	64.6	0.0	0.0	0.0	0.0	47.7	0.1	-2.5	0.0	0.0	0.0	0.0	0.0	19.2
159	611900.79	4826498.54	1.60	0	DEN	1000	67.5	0.0	0.0	0.0	0.0	47.7	0.3	-2.8	0.0	0.0	0.0	0.0	0.0	22.3
159	611900.79	4826498.54	1.60	0	DEN	2000	63.6	0.0	0.0	0.0	0.0	47.7	0.7	-2.9	0.0	0.0	0.0	0.0	0.0	18.1
159	611900.79	4826498.54	1.60	0	DEN	4000	56.6	0.0	0.0	0.0	0.0	47.7	2.2	-2.9	0.0	0.0	0.0	0.0	0.0	9.5
159	611900.79	4826498.54	1.60	0	DEN	8000	47.2	0.0	0.0	0.0	0.0	47.7	8.0	-2.9	0.0	0.0	0.0	0.0	0.0	-5.7
160	611900.79	4826498.54	1.60	1	DEN	125	52.8	0.0	0.0	0.0	0.0	48.4	0.0	-2.7	0.0	0.0	22.2	0.0	2.0	-17.2
160	611900.79	4826498.54	1.60	1	DEN	250	64.7	0.0	0.0	0.0	0.0	48.4	0.1	-2.1	0.0	0.0	22.1	0.0	2.0	-5.8
160	611900.79	4826498.54	1.60	1	DEN	500	64.6	0.0	0.0	0.0	0.0	48.4	0.1	-2.4	0.0	0.0	27.4	0.0	2.0	-10.9
160	611900.79	4826498.54	1.60	1	DEN	1000	67.5	0.0	0.0	0.0	0.0	48.4	0.3	-2.8	0.0	0.0	27.8	0.0	2.0	-8.2
160	611900.79	4826498.54	1.60	1	DEN	2000	63.6	0.0	0.0	0.0	0.0	48.4	0.7	-2.8	0.0	0.0	27.8	0.0	2.0	-12.5
160	611900.79	4826498.54	1.60	1	DEN	4000	56.6	0.0	0.0	0.0	0.0	48.4	2.4	-2.8	0.0	0.0	27.8	0.0	2.0	-21.2
160	611900.79	4826498.54	1.60	1	DEN	8000	47.2	0.0	0.0	0.0	0.0	48.4	8.7	-2.8	0.0	0.0	27.8	0.0	2.0	-36.9
161	611900.79	4826498.54	1.60	1	DEN	125	52.8	0.0	0.0	0.0	0.0	48.4	0.0	-2.6	0.0	0.0	0.0	0.0	2.0	5.0
161	611900.79	4826498.54	1.60	1	DEN	250	64.7	0.0	0.0	0.0	0.0	48.4	0.1	-1.9	0.0	0.0	0.0	0.0	2.0	16.1
161	611900.79	4826498.54	1.60	1	DEN	500	64.6	0.0	0.0	0.0	0.0	48.4	0.1	-2.1	0.0	0.0	0.0	0.0	2.0	16.2

Point Source, ISO 9613, Name: "Exhaust Pipe System", ID: "C1_EPS"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
161	611900.79	4826498.54	1.60	1	DEN	1000	67.5	0.0	0.0	0.0	0.0	48.4	0.3	-2.7	0.0	0.0	0.0	0.0	2.0	19.5
161	611900.79	4826498.54	1.60	1	DEN	2000	63.6	0.0	0.0	0.0	0.0	48.4	0.7	-2.7	0.0	0.0	0.0	0.0	2.0	15.3
161	611900.79	4826498.54	1.60	1	DEN	4000	56.6	0.0	0.0	0.0	0.0	48.4	2.4	-2.7	0.0	0.0	0.0	0.0	2.0	6.5
161	611900.79	4826498.54	1.60	1	DEN	8000	47.2	0.0	0.0	0.0	0.0	48.4	8.6	-2.7	0.0	0.0	0.0	0.0	2.0	-9.1
162	611900.79	4826498.54	1.60	1	DEN	2000	63.6	0.0	0.0	0.0	0.0	56.4	1.8	-4.5	0.0	0.0	0.0	0.0	2.0	7.9
162	611900.79	4826498.54	1.60	1	DEN	4000	56.6	0.0	0.0	0.0	0.0	56.4	6.1	-4.5	0.0	0.0	0.0	0.0	2.0	-3.4
162	611900.79	4826498.54	1.60	1	DEN	8000	47.2	0.0	0.0	0.0	0.0	56.4	21.7	-4.5	0.0	0.0	0.0	0.0	2.0	-28.4
163	611900.79	4826498.54	1.60	2	DEN	2000	63.6	0.0	0.0	0.0	0.0	60.6	2.9	-4.8	0.0	0.0	0.0	0.0	4.0	0.9
163	611900.79	4826498.54	1.60	2	DEN	4000	56.6	0.0	0.0	0.0	0.0	60.6	9.9	-4.8	0.0	0.0	0.0	0.0	4.0	-13.0
163	611900.79	4826498.54	1.60	2	DEN	8000	47.2	0.0	0.0	0.0	0.0	60.6	35.2	-4.8	0.0	0.0	0.0	0.0	4.0	-47.7
164	611900.79	4826498.54	1.60	2	DEN	2000	63.6	0.0	0.0	0.0	0.0	60.6	2.9	-4.8	0.0	0.0	10.2	0.0	4.0	-9.2
164	611900.79	4826498.54	1.60	2	DEN	4000	56.6	0.0	0.0	0.0	0.0	60.6	9.9	-4.8	0.0	0.0	10.6	0.0	4.0	-23.6
164	611900.79	4826498.54	1.60	2	DEN	8000	47.2	0.0	0.0	0.0	0.0	60.6	35.2	-4.8	0.0	0.0	11.5	0.0	4.0	-59.2
165	611900.79	4826498.54	1.60	1	DEN	2000	63.6	0.0	0.0	0.0	0.0	56.2	1.8	-4.0	0.0	0.0	0.0	0.0	2.0	7.6
165	611900.79	4826498.54	1.60	1	DEN	4000	56.6	0.0	0.0	0.0	0.0	56.2	6.0	-4.0	0.0	0.0	0.0	0.0	2.0	-3.7
165	611900.79	4826498.54	1.60	1	DEN	8000	47.2	0.0	0.0	0.0	0.0	56.2	21.3	-4.0	0.0	0.0	0.0	0.0	2.0	-28.4
166	611900.79	4826498.54	1.60	1	DEN	1000	67.5	0.0	0.0	0.0	0.0	56.9	0.7	-3.9	0.0	0.0	11.5	0.0	2.0	0.3
166	611900.79	4826498.54	1.60	1	DEN	2000	63.6	0.0	0.0	0.0	0.0	56.9	1.9	-4.1	0.0	0.0	13.4	0.0	2.0	-6.6
166	611900.79	4826498.54	1.60	1	DEN	4000	56.6	0.0	0.0	0.0	0.0	56.9	6.5	-4.1	0.0	0.0	15.6	0.0	2.0	-20.3
166	611900.79	4826498.54	1.60	1	DEN	8000	47.2	0.0	0.0	0.0	0.0	56.9	23.1	-4.1	0.0	0.0	18.1	0.0	2.0	-48.9

Point Source, ISO 9613, Name: "Rooftop Condenser Unit #01", ID: "C1_CU01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
167	611891.24	4826473.52	7.20	0	DEN	32	34.1	0.0	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	3.7	0.0	0.0	-17.2
167	611891.24	4826473.52	7.20	0	DEN	63	52.5	0.0	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	4.2	0.0	0.0	0.7
167	611891.24	4826473.52	7.20	0	DEN	125	53.5	0.0	0.0	0.0	0.0	50.6	0.0	-2.7	0.0	0.0	4.8	0.0	0.0	0.8
167	611891.24	4826473.52	7.20	0	DEN	250	57.1	0.0	0.0	0.0	0.0	50.6	0.1	-2.2	0.0	0.0	5.3	0.0	0.0	3.4
167	611891.24	4826473.52	7.20	0	DEN	500	61.5	0.0	0.0	0.0	0.0	50.6	0.2	-2.4	0.0	0.0	6.2	0.0	0.0	6.9
167	611891.24	4826473.52	7.20	0	DEN	1000	65.8	0.0	0.0	0.0	0.0	50.6	0.3	-2.7	0.0	0.0	7.2	0.0	0.0	10.4
167	611891.24	4826473.52	7.20	0	DEN	2000	62.3	0.0	0.0	0.0	0.0	50.6	0.9	-2.8	0.0	0.0	8.1	0.0	0.0	5.5
167	611891.24	4826473.52	7.20	0	DEN	4000	56.0	0.0	0.0	0.0	0.0	50.6	3.1	-2.8	0.0	0.0	9.1	0.0	0.0	-4.0
167	611891.24	4826473.52	7.20	0	DEN	8000	47.7	0.0	0.0	0.0	0.0	50.6	11.1	-2.8	0.0	0.0	10.5	0.0	0.0	-21.7
168	611891.24	4826473.52	7.20	1	DEN	125	53.5	0.0	0.0	0.0	0.0	51.0	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	2.8
168	611891.24	4826473.52	7.20	1	DEN	250	57.1	0.0	0.0	0.0	0.0	51.0	0.1	-1.7	0.0	0.0	0.0	0.0	2.0	5.6
168	611891.24	4826473.52	7.20	1	DEN	500	61.5	0.0	0.0	0.0	0.0	51.0	0.2	-2.0	0.0	0.0	0.0	0.0	2.0	10.2
168	611891.24	4826473.52	7.20	1	DEN	1000	65.8	0.0	0.0	0.0	0.0	51.0	0.4	-2.5	0.0	0.0	0.0	0.0	2.0	14.9
168	611891.24	4826473.52	7.20	1	DEN	2000	62.3	0.0	0.0	0.0	0.0	51.0	1.0	-2.6	0.0	0.0	0.0	0.0	2.0	10.9
168	611891.24	4826473.52	7.20	1	DEN	4000	56.0	0.0	0.0	0.0	0.0	51.0	3.3	-2.6	0.0	0.0	0.0	0.0	2.0	2.3
168	611891.24	4826473.52	7.20	1	DEN	8000	47.7	0.0	0.0	0.0	0.0	51.0	11.8	-2.6	0.0	0.0	0.0	0.0	2.0	-14.5
169	611891.24	4826473.52	7.20	1	DEN	2000	62.3	0.0	0.0	0.0	0.0	57.5	2.0	-2.9	0.0	0.0	7.7	0.0	2.0	-4.0
169	611891.24	4826473.52	7.20	1	DEN	4000	56.0	0.0	0.0	0.0	0.0	57.5	6.9	-2.9	0.0	0.0	7.7	0.0	2.0	-15.2
169	611891.24	4826473.52	7.20	1	DEN	8000	47.7	0.0	0.0	0.0	0.0	57.5	24.7	-2.9	0.0	0.0	7.7	0.0	2.0	-41.4
170	611891.24	4826473.52	7.20	2	DEN	2000	62.3	0.0	0.0	0.0	0.0	59.8	2.7	-3.2	0.0	0.0	7.9	0.0	4.0	-9.0
170	611891.24	4826473.52	7.20	2	DEN	4000	56.0	0.0	0.0	0.0	0.0	59.8	9.1	-3.2	0.0	0.0	7.9	0.0	4.0	-21.7
170	611891.24	4826473.52	7.20	2	DEN	8000	47.7	0.0	0.0	0.0	0.0	59.8	32.4	-3.2	0.0	0.0	8.0	0.0	4.0	-53.3
171	611891.24	4826473.52	7.20	1	DEN	500	61.5	0.0	0.0	0.0	0.0	55.0	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	6.1
171	611891.24	4826473.52	7.20	1	DEN	1000	65.8	0.0	0.0	0.0	0.0	55.0	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	10.8
171	611891.24	4826473.52	7.20	1	DEN	2000	62.3	0.0	0.0	0.0	0.0	55.0	1.5	-2.7	0.0	0.0	0.0	0.0	2.0	6.4
171	611891.24	4826473.52	7.20	1	DEN	4000	56.0	0.0	0.0	0.0	0.0	55.0	5.2	-2.7	0.0	0.0	0.0	0.0	2.0	-3.6
171	611891.24	4826473.52	7.20	1	DEN	8000	47.7	0.0	0.0	0.0	0.0	55.0	18.6	-2.7	0.0	0.0	0.0	0.0	2.0	-25.3

Point Source, ISO 9613, Name: "Rooftop Condenser Unit #02", ID: "C1_CU02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
172	611892.24	4826478.19	7.20	0	DEN	32	27.7	0.0	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	3.2	0.0	0.0	-22.7
172	611892.24	4826478.19	7.20	0	DEN	63	46.6	0.0	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	3.5	0.0	0.0	-4.0
172	611892.24	4826478.19	7.20	0	DEN	125	52.2	0.0	0.0	0.0	0.0	50.1	0.0	-2.7	0.0	0.0	3.7	0.0	0.0	1.0
172	611892.24	4826478.19	7.20	0	DEN	250	53.8	0.0	0.0	0.0	0.0	50.1	0.1	-2.2	0.0	0.0	4.0	0.0	0.0	1.8
172	611892.24	4826478.19	7.20	0	DEN	500	56.7	0.0	0.0	0.0	0.0	50.1	0.2	-2.4	0.0	0.0	4.8	0.0	0.0	3.9
172	611892.24	4826478.19	7.20	0	DEN	1000	60.6	0.0	0.0	0.0	0.0	50.1	0.3	-2.7	0.0	0.0	5.8	0.0	0.0	7.0
172	611892.24	4826478.19	7.20	0	DEN	2000	54.0	0.0	0.0	0.0	0.0	50.1	0.9	-2.8	0.0	0.0	6.7	0.0	0.0	-0.9
172	611892.24	4826478.19	7.20	0	DEN	4000	48.5	0.0	0.0	0.0	0.0	50.1	3.0	-2.8	0.0	0.0	7.4	0.0	0.0	-9.3
172	611892.24	4826478.19	7.20	0	DEN	8000	38.8	0.0	0.0	0.0	0.0	50.1	10.6	-2.8	0.0	0.0	8.2	0.0	0.0	-27.4

Point Source, ISO 9613, Name: "Rooftop Condenser Unit #02", ID: "C1_CU02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Ägr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
173	611892.24	4826478.19	7.20	1	DEN	125	52.2	0.0	0.0	0.0	0.0	50.6	0.0	-2.4	0.0	0.0	0.0	0.0	2.0	1.9
173	611892.24	4826478.19	7.20	1	DEN	250	53.8	0.0	0.0	0.0	0.0	50.6	0.1	-1.7	0.0	0.0	0.0	0.0	2.0	2.8
173	611892.24	4826478.19	7.20	1	DEN	500	56.7	0.0	0.0	0.0	0.0	50.6	0.2	-2.0	0.0	0.0	0.0	0.0	2.0	5.8
173	611892.24	4826478.19	7.20	1	DEN	1000	60.6	0.0	0.0	0.0	0.0	50.6	0.4	-2.5	0.0	0.0	0.0	0.0	2.0	10.2
173	611892.24	4826478.19	7.20	1	DEN	2000	54.0	0.0	0.0	0.0	0.0	50.6	0.9	-2.6	0.0	0.0	0.0	0.0	2.0	3.1
173	611892.24	4826478.19	7.20	1	DEN	4000	48.5	0.0	0.0	0.0	0.0	50.6	3.1	-2.6	0.0	0.0	0.0	0.0	2.0	-4.6
173	611892.24	4826478.19	7.20	1	DEN	8000	38.8	0.0	0.0	0.0	0.0	50.6	11.2	-2.6	0.0	0.0	0.0	0.0	2.0	-22.4
174	611892.24	4826478.19	7.20	1	DEN	2000	54.0	0.0	0.0	0.0	0.0	57.3	2.0	-2.9	0.0	0.0	7.7	0.0	2.0	-12.1
174	611892.24	4826478.19	7.20	1	DEN	4000	48.5	0.0	0.0	0.0	0.0	57.3	6.8	-2.9	0.0	0.0	7.7	0.0	2.0	-22.4
174	611892.24	4826478.19	7.20	1	DEN	8000	38.8	0.0	0.0	0.0	0.0	57.3	24.2	-2.9	0.0	0.0	7.7	0.0	2.0	-49.6
175	611892.24	4826478.19	7.20	2	DEN	2000	54.0	0.0	0.0	0.0	0.0	60.0	2.7	-3.2	0.0	0.0	8.0	0.0	4.0	-17.5
175	611892.24	4826478.19	7.20	2	DEN	4000	48.5	0.0	0.0	0.0	0.0	60.0	9.2	-3.2	0.0	0.0	8.0	0.0	4.0	-29.5
175	611892.24	4826478.19	7.20	2	DEN	8000	38.8	0.0	0.0	0.0	0.0	60.0	32.8	-3.2	0.0	0.0	8.0	0.0	4.0	-62.8
176	611892.24	4826478.19	7.20	1	DEN	500	56.7	0.0	0.0	0.0	0.0	55.2	0.3	-1.9	0.0	0.0	0.0	0.0	2.0	1.1
176	611892.24	4826478.19	7.20	1	DEN	1000	60.6	0.0	0.0	0.0	0.0	55.2	0.6	-2.6	0.0	0.0	0.0	0.0	2.0	5.3
176	611892.24	4826478.19	7.20	1	DEN	2000	54.0	0.0	0.0	0.0	0.0	55.2	1.6	-2.7	0.0	0.0	0.0	0.0	2.0	-2.1
176	611892.24	4826478.19	7.20	1	DEN	4000	48.5	0.0	0.0	0.0	0.0	55.2	5.3	-2.7	0.0	0.0	0.0	0.0	2.0	-11.4
176	611892.24	4826478.19	7.20	1	DEN	8000	38.8	0.0	0.0	0.0	0.0	55.2	19.1	-2.7	0.0	0.0	0.0	0.0	2.0	-34.8