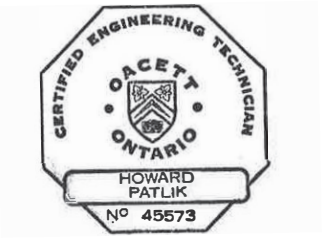
NOISE IMPACT FEASIBILITY STUDY
150 KANATA AVENUE (PARCEL 2) – 1200 CANADIAN SHIELD AVENUE (PARCEL 3)
PART OF PIN 04507-0874
KANATA, ONTARIO

FOR

BATIMO DÉVELOPPEMENT INC.

PREPARED BY



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SEPTEMBER 24, 2021

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INTRODUCTION

At the request of Batimo Développement Inc., J.E. COULTER ASSOCIATES LIMITED has reviewed the proposed mixed-use (residential and commercial) development at 150 Kanata Avenue (Parcel 2) – 1200 Canadian Shield Avenue (Parcel 3) Part of PIN 04507-0874 in Ottawa, Ontario, for potential noise impact (see Appendix A, Figure 1). The purpose of this feasibility noise study is to establish noise mitigation measures that may be necessary as a result of transportation (roadways) and stationary (mechanical equipment) sources to satisfy the requirements of the City of Ottawa noise guidelines (see Appendix D, Reference 1).

SITE DESCRIPTION

The proposed site is located at Kanata Avenue (see Appendix A, Figures 2 to 5 for plans and elevations). This proposed mixed-use development is a single, 7- to 11-storey building. The proposed development includes grade-level commercial uses and indoor and outdoor amenity areas.

NOISE CRITERIA

The City of Ottawa Environmental Noise Control Guidelines (ENCG) applies to the proposed mixed-use development site, as explained below.

Transportation Sources

For residential buildings where the sound levels at the exterior of the building façade exceed 55 dB L_{eq} daytime or 50 dB L_{eq} nighttime, the dwelling units must be provided with forced air heating, with a provision for future installation of air conditioning by the owner. An excess up to 10 dB is permissible, provided a warning clause is given. Where the sound levels exceed this limit (i.e., 65 dB daytime or 60 dB nighttime), air conditioning must be incorporated into the building prior to occupancy. Warning clauses are applicable as well.

Air-conditioning requirements are applied so that adequate interior sound levels can be maintained by closing the windows.

For the commercial portion of the building (grade level), the noise criteria pertaining to the interior noise limits for these areas are provided in Table 1.

Table 1: Sound Level Limits – Road and Rail			
Type of Space	**Time Period**	**L_{eq} (dBA)**	
		Road	**Rail**
INDOOR LIMITS			
Living/dining areas of residences, hospitals, schools, nursing/retirement homes, daycare centres, theatres, places of worship, libraries, individual or semiprivate offices, conference rooms, reading rooms, etc.	07:00–23:00	45	40
Living/dining, den areas of residences, hospitals, nursing homes, etc. (except schools or daycare centres)	23:00–07:00	45	40
Sleeping quarters	07:00–23:00	45	40
	23:00–07:00	40	35
General offices, reception areas, retail stores, etc.	07:00–23:00	50	45
OUTDOOR LIMITS			
Outdoor recreation areas[1] [2]	07:00–23:00	55	55
Outside bedroom window	23:00–07:00	50	50
Outside living room window	07:00–23:00	55	55

[1] Up to 5 dB excess above criteria is allowed, provided a warning clause is given. Above 60 dB L_{eq}, exterior noise mitigation measures (i.e., noise barriers, intervening structures, additional setback from source) are required.

[2] An outdoor living area is used in reference to a private outdoor patio (4m or more in depth) or backyard.

Stationary Sources

MECP recommends the guidelines found in *NPC-300* as the current noise criteria for stationary sources. The MECP noise guideline basically states that the average sound level of the stationary source (impulse noise such as banging and mechanical equipment) should not exceed the average sound level of the total roadway noise during the same hourly period.

This study has been based on MECP's sound level criteria for a Class 1 Area (Urban).

Note that for Class 1, 2 and 3 areas, the plane-of-window limits apply to a window that is assumed to be open. For Class 4 areas, the plane-of-window limits apply to a window that is assumed to be closed. This distinction does not affect the prediction of plane-of-window sound levels.

The MECP considers the higher of the quietest ambient sound level or the minimum sound levels, as follows:

Table 2: Exclusion Limit Values of One-Hour Equivalent Sound Level (L_{eq}, dBA) – Plane of Window of Noise Sensitive Spaces				
Time of Day	**Class 1 Area**	**Class 2 Area**	**Class 3 Area**	**Class 4 Area**
07:00–19:00	**50**	50	45	60
19:00–23:00	**50**	50	40	60
23:00–07:00	**45**	45	40	55

Note: Where the ambient sound levels are higher than the minimum exclusion limits noted above, the higher of the two values is used.

Impulse Noise Criteria

The Ministry of the Environment, Conservation and Parks has a noise criterion for impulse noise (i.e., banging) as part of the *NPC-300* criteria. Below is an excerpt from the *NPC-300* criterion.

> For impulsive sound, other than Quasi-Steady Impulsive Sound, from a stationary source, the sound level limit at a point of reception expressed in terms of the Logarithmic Mean Impulse Sound Level (LLM) is the higher of the applicable exclusion limit value given in Table 2, or the background sound level for that point of reception. The outdoor sound level limits for stationary sources apply only to daytime and evening (07:00–23:00 hours). Sound level limits apply during the nighttime period (23:00–07:00 hours) for the plane of the window of a noise sensitive space. In general, the outdoor points of reception will be protected during the nighttime as a consequence of meeting the sound level limits at the adjacent plane of window of noise sensitive spaces.

This development is considered to be a Class 1 (Urban) designation as per MECP's guidelines.

The applicable data are presented in Table 3, below.

Table 3: Exclusion Limit Values for Impulsive Sound Level (LLM, dBAI) Plane of Window – Noise Sensitive Spaces (Day/Night)				
Actual Number of Impulses in Period of One Hour	**Class 1 Area 07:00–23:00/ 23:00–07:00**	**Class 2 Area 07:00–23:00/ 23:00–07:00**	**Class 3 Area 07:00–19:00/ 19:00–07:00**	**Class 4 Area 07:00–23:00 23:00–07:00**
9 or more	**50/45**	50/45	45/40	60/55
7 to 8	**55/50**	55/50	50/45	65/60
5 to 6	**60/55**	60/55	55/50	70/65
4	**65/60**	65/60	60/55	75/70
3	**70/65**	70/65	65/60	80/75
2	**75/70**	75/70	70/65	85/80
1	**80/75**	80/75	75/70	90/85

The above criteria will be utilized in evaluating sound levels from any impulse noise sources in or near this development.

For sound from a stationary source including Quasi-Steady Impulsive Sound but not including other impulsive sound, the sound level limit at a point of reception, expressed in terms of the One-Hour Equivalent Sound Level (L_{eq}) is the higher of the applicable exclusion limit value, or the background sound level for that point of reception. The outdoor sound level limits for stationary sources apply only to daytime and evening (07:00–23:00). Sound level limits apply during the nighttime period (23:00–07:00) for the plane of the window of a noise sensitive space. In general, the outdoor points of reception will be protected during the nighttime as a consequence of meeting the sound level limits at the adjacent plane of window of noise sensitive spaces.

TRANSPORTATION NOISE SOURCES

The potential transportation noise concerns for this proposed development are the traffic on The Queensway, Kanata Avenue, Maritime Way and Campeau Drive.

Based on the City of Ottawa's Environmental Noise Control Guidelines (Table 1.7), the following traffic volumes were assumed for The Queensway (Highway 417), Kanata Avenue, Maritime Way and Campeau Drive:

Table 4: Traffic Volumes					
Roadway	**AADT (Veh/Day)**	**Truck Percentage**		**Day/Night Split (%)**	**Posted Speed Limit**
		Medium	**Heavy**		
Highway 417, The Queensway (8-lane highway)	146,664 (18,333 per lane)	7%	5%	92/8	100 kph
Highway 417, The Queensway (8-lane highway)	85,800 (2016)	7%	5%	92/8	100 kph
Kanata Avenue, existing, 2 lanes Urban undivided urban arterial (2UAU)	15,000	7%	5%	92/8	50 kph
Kanata Avenue, 4 lanes Urban undivided urban arterial (4UAU)	30,000	7%	5%	92/8	50 kph
Kanata Avenue, east of Campeau Drive, (2021)	9,665	1.3%	1.3%	92/8	50 kph
Kanata Avenue, east of Campeau Drive, (2023)	10,055	1.3%	1.3%	92/8	50 kph
Campeau Drive, existing, 2 lanes Urban undivided urban arterial (2UAU)	15,000	7%	5%	92/8	50 kph
Campeau Drive existing, north of Kanata Avenue (2023)	6,650	2%	2%	92/8	50 kph
Maritime Way, north of Kanata Avenue, 2 lanes Urban Collector (2UCU)	8,000	7%	5%	92/8	50 kph

PROJECTED SOUND LEVELS

The MECP's *ORNAMENT* noise prediction procedure (*STAMSON Version 5.04* computer programme) was used to predict the sound levels. *STAMSON 5.04* uses the daily traffic volumes for the road and basic topographical information for the site in its calculations (see Appendix B).

Table 5, below, provides the projected unmitigated sound levels at various locations exposed to Kanata Avenue, Highway 417, Maritime Way, and Campeau Drive. The distances between the source and receivers and segment angles are provided in Appendix A, Figures 6 to 12.

Table 5: Projected Traffic L_{eq} Sound Levels (Unmitigated)										
Location	**Daytime Sound Level (dB L_{eq})**					**Nighttime Sound Level (dB L_{eq})**				
	Queensway (Hwy 417)	**Kanata Avenue**	**Maritime Way**	**Campeau Drive**	**Total**	**Queensway (Hwy 417)**	**Kanata Avenue**	**Maritime Way**	**Campeau Drive**	**Total**
R1 – 9-storey (West), NW	65	65	--	45	**68**	58	57	--	37	**61**
R2 – 9-storey (West), SW	70	70	--	39	**73**	62	63	--	32	**66**
R3 – 7-storey (Central), SE	71	70	59	--	**74**	64	63	51	--	**66**
R4 – 7-storey (Central), NE	71	65	64	--	**73**	64	57	57	--	**65**
R5 – 9-storey (East), NE	70	60	65	46	**71**	62	53	57	38	**64**
R6 – 9-storey (East), NW	54	41	--	46	**55**	47	33	--	39	**47**
R7 – Rooftop Central – Outdoor Amenity	66	50	39	--	**66**	--	--	--	--	**--**

As summarized in Table 5, above, the combined sound levels from all roadways exceed the noise criteria. The sound levels are dominated mainly by Highway 417 with contributions from Kanata Avenue, Maritime Way, and Campeau Drive. Campeau Drive is acoustically insignificant relative to the other arterial roads and has no influence on the overall sound levels. The sound levels at the exterior building façade will require a review of the window, wall, and door and ventilation requirements to meet the City of Ottawa's noise criteria. Upgrades to the glazing from the minimum OBC requirement are expected.

The rooftop outdoor amenity area (8th Level) at the central building (7 storeys) is located towards the rear facing Bill Teron Park. The sound levels are above 60 dB L_{eq} daytime and require noise control measures. It is not feasible to achieve the 55 dB L_{eq} daytime noise criterion because the height of the acoustic barrier (more than 5m high) would be excessive and impractical to construct and present wind load issues.

To meet 60 dB L_{eq} daytime (upper limit of the guideline), the following measures are recommended:

a. A double barrier is needed to achieve the requirement attenuation. The south parapet at the central building will be the 1st barrier. The height of the parapet is to be 0.75m relative to the elevation of the outdoor terrace. The continuous parapet is to extend from the west building (9 storeys) to the east building (11 storeys).

b. A secondary, local acoustic barrier is required along the east, west and south limit of the outdoor terrace. A minimum 1.8m high solid acoustic screen (i.e., glass, concrete or wood) is needed (see Appendix A, Figure 15).

The minimum surface density (face weight) is 20 kg/m^2. Subject to technical justification, the surface density can be reduced to no lower than 10 kg/m^2 for:

a. rooftop barriers (applicable to this site); and
b. temporary barriers for noise sources operating for a short duration, such as portable equipment.

The barrier should be structurally sound, appropriately designed to withstand wind and snow load, and constructed without cracks or surface gaps. Any gaps under the barrier that are necessary for drainage purposes should be minimized and localized, so that the acoustical performance of the barrier is maintained.

VENTILATION AND WARNING CLAUSE REQUIREMENTS

The sound levels generated by combination of all roadway are greater than 65 dB L_{eq} daytime and 60 dB L_{eq} nighttime at the exterior façades. As a result, the installation of central air conditioning is required prior to occupancy.

The sound levels are above the City of Ottawa's noise criteria such that a warning clause is required. The warning clause must be inserted into the *Agreements of Purchase and Sale* for those affected units as noted above, indicating that the sound levels will exceed the noise guidelines.

FAÇADE COMPONENTS

At this time, there are no detailed suite layouts and window details available, thus our comments are general in nature. A detailed review is recommended once the final architectural and elevations are available.

On the basis of the predicted sound levels (see Table 5, above), the south, east, and west façades may require upgrades from the minimum OBC requirements. The glazing requirements are determined by the ratio of the window area to floor area. Thus, large window-area to floor-area ratios (such as a corner bedroom) may require upgraded glazing. Mid-rise condominium buildings typically utilize 6mm double-glazing with a 13 or 25mm air space between the panes of glass. This is a standard commercial window typically rated at STC 34–39.

The following tables illustrate the estimated window requirements as a result of the exterior traffic. The window types noted in Tables 6 and 7, below, should be verified by the acoustic consultant on the basis of the final architectural layouts, when they become available.

Table 6: Preliminary Living/Dining Room Window/Door Requirements

Living Room Window-Area to Floor-Area Ratios	Minimum STC Requirement for Fixed Windows	Minimum STC Requirement for Operable Windows	Minimum STC Requirement for Operable Doors
up to 30%	STC 34 (6mm glass, 13mm air space, 6mm glass)	STC 33 (6mm glass, 13mm air space, 6mm glass)	STC 35
31 to 55%	STC 36 (6mm glass, 25mm air space, 6mm glass)	STC 33 (6mm glass, 13mm air space, 6mm glass)	STC 35
56 to 80%	STC 39 (6mm glass, 25mm air space, 6mm one-pane laminated)	STC 33 (6mm glass, 13mm air space, 6mm glass)	STC 35
81 to 100%	STC 40 (6mm glass, 25mm air space, 6mm double laminated)	STC 33 (6mm glass, 13mm air space, 6mm glass)	STC 35

Table 7: Preliminary Bedroom Window Requirements			
Bedroom Window-Area to Floor-Area Ratios	**Minimum STC Requirement for Fixed Windows**	**Minimum STC Requirement for Operable Windows**	**Minimum STC Requirement for Operable Doors**
up to 30%	STC 27 (3mm glass, 13mm air space, 3mm glass)	STC 27 (3mm glass, 13mm air space, 3mm glass)	--
31 to 55%	STC 30 (3mm glass, 13mm air space, 3mm glass)	STC 33 (3mm glass, 13mm air space, 3mm glass)	--
56 to 100%	STC 33 (4mm glass, 13mm air space, 4mm glass)	STC 27 (3mm glass, 13mm air space, 3mm glass)	--

Note: Spandrel panels along the south, east, and west façades exposed to the highway may need to be upgraded, depending upon the configuration of the exterior façade. Operable doors are assumed to be 1.8m wide frames.

A detailed review is recommended to finalize the glazing and façade requirements once the final suite layouts are available.

ON-SITE MECHANICAL EQUIPMENT

At the time of final design, the rooftop HVAC equipment and grade level parking exhausts should be reviewed to ensure the development itself meets the City of Ottawa's noise criteria. If noise control measures are required, this may include but not be limited to the installation of exhaust silencers, partial enclosure, barriers, or the selection of quieter equipment.

STATIONARY NOISE SOURCES

To the south along the south side of Kanata Avenue is an existing commercial plaza with several big box retailers at 255–445 Kanata Avenue. The main potential sources of noise are the rooftop mechanical ventilation equipment and truck deliveries. A total of 13 buildings including a 10-storey hotel and condominium building were used in the analysis to determine if there is a potential noise impact. The sound levels were calculated using in-house sound data for the mechanical ventilation equipment and unloading operations.

Based on the quietest ambient hourly sound levels during day and night (see Appendix B for hourly traffic sound levels), the following tables outline the anticipated sound levels at the building. The ambient sound levels were calculated for the year 2023 based on the existing traffic counts on Highway 417, Kanata Avenue, and Campeau Drive.

Points of reception are taken at the top floor of the building with full exposure to the commercial

buildings (rooftop mechanical equipment and unloading operations), which is considered to the worst-case scenario (see Appendix A, Figure 13). At the lower floors of the building, because of shielding of the mechanical equipment provided by the commercial buildings' rooftops, the sound levels are slightly quieter, by about 2 dB, compared to the fully exposed condition.

The points of reception are as follows:

R1: Top Floor, West Building, NW Façade

R2: Top Floor, West Building, SW Façade

R3: Top Floor, Central Building, SW Façade

R4: Top Floor, Central Building, NE Façade

R5: Top Floor, East Building, NE Façade.

Tables 8 and 9, below, summarize the anticipated daytime and nighttime sound levels from off-site mechanical sources, including rooftop ventilation equipment and an automotive service centre. Detailed calculations are provided in Appendix B.

Table 8: Projected Sound Level (Stationary Sources) Daytime (0700–2300 Hours)					
Sources	**Total Sound Level (dB L_{eq})**				
	R1	**R2**	**R3**	**R4**	**R5**
1. Fat Tuesday Restaurant	28.0	26.5	16.2	3.7	4.5
2. BBQ World	33.8	34.0	31.8	23.7	9.5
3. Best Buy	34.4	34.6	31.9	16.2	9.5
4. H&R Block	32.3	32.7	30.5	23.3	5.2
5. CIBC	31.7	34.8	32.8	25.9	11.2
6. Upper Room	30.5	39.0	39.8	38.3	35.0
7. Golf Town	36.1	36.3	34.6	27.9	11.2
8. Hotel (Holiday Inn)	10.2	30.3	35.5	35.3	32.6
9. Milestones	37.9	44.8	41.8	33.9	15.1
10. Walmart	33.8	33.6	31.9	10.5	11.8
10B. Walmart (Tires/Lube Centre)	30.3	30.3	28.3	7.9	7.8
11. Active Sports	28.4	28.2	25.7	5.1	8.0
12. IMAX Theatre	38.0	38.5	37.2	31.4	17.1
13. Timerwalk Condo HVAC	26.3	20.0	40.9	51.4	50.9
Total Sound Level (dB)	**45**	**48**	**48**	**52**	**51**
Noise Criteria (dB L_{eq}), Class 1	61	65	65	65	59
Noise Impact (dB), Class 1	**-16**	**-17**	**-17**	**-13**	**- 8**
Meets Noise Criteria (Y/N)	**YES**	**YES**	**YES**	**YES**	**YES**

Table 9: Projected Sound Level (Stationary Sources) Nighttime (2300–0700 Hours)					
Sources	**Total Sound Level (dB L_{eq})**				
	R1	**R2**	**R3**	**R4**	**R5**
1. Fat Tuesday Restaurant	25.0	23.5	13.2	0.7	1.5
2. BBQ World	30.8	31.0	28.8	20.7	6.5
3. Best Buy	31.4	31.6	28.9	13.2	6.5
4. H&R Block	29.3	29.7	27.5	20.3	2.2
5. CIBC	28.7	31.8	29.8	22.9	8.2
6. Upper Room	27.5	36.0	36.8	35.3	32.0
7. Golf Town	33.1	33.3	31.6	24.9	8.2
8. Hotel (Holiday Inn)	7.2	27.3	32.5	32.3	29.6
9. Milestones	34.9	41.8	38.8	30.9	12.1
10. Walmart	30.8	30.6	28.9	7.5	8.8
10B. Walmart (Tires/Lube Centre)	0.0	0.0	0.0	0.0	0.0
11. Active Sports	25.4	25.2	22.7	2.1	5.0
12. IMAX Theatre	35.9	36.3	35.1	29.3	14.9
13. Timerwalk Condominium HVAC	23.3	17.0	37.9	48.4	47.9
Total Sound Level (dB)	**42**	**45**	**45**	**49**	**48**
Noise Criteria (dB L_{eq}), Class 1	52	56	56	56	50
Noise Impact (dB), Class 1	**-10**	**-11**	**-11**	**- 7**	**- 2**
Meets Noise Criteria (Y/N)	**YES**	**YES**	**YES**	**YES**	**YES**

During the daytime (Table 8) , the sound levels from mechanical equipment are expected to be 8 to 17 dB below the quietest hourly sound level. At night (Table 9), the mechanical equipment sound levels are expected to be 2 to 11 dB below the quietest ambient sound levels. As summarized in Tables 8 and 9, the sound levels would meet the noise criteria without the need of any additional noise control measures.

OFF-SITE IMPULSE NOISE

An analysis of the unloading activities of tractor trailers at the commercial plaza was undertaken to determine whether a noise impact would be present at the proposed condominium building (see Appendix A, Figure 14). Short-term deliveries (such as those for restaurants) are not included in the calculations as per MECP's noise guideline. The analysis only considered the unloading of large tractor trailers. Five retailers were considered:

1. Walmart
2. Active Sports
3. BBQ World
4. Best Buy
5. Golf Town.

The impulse (bang) sound level generated by unloading of goods is typically produced by the dolly crossing the dock plate or the skid banging against the truck shell. Based on our testing at similar types of sites, the average impulse level is 106 dBA (Sound Power).

It has been assumed that at least 9 or more bangs occur in one hour (a worst-case scenario). Table 10 summarizes the resultant impulse sound levels during the daytime period.

Table 10: Projected Impulse Sound Levels (dBAI)
Daytime (0700–2300 Hours)

Sources	**Total Sound Level (dBAI)**				
	R1	**R2**	**R3**	**R4**	**R5**
BBQ World	31.6	34.1	32.5	12.0	14.3
Best Buy	23.9	29.4	27.0	14.5	17.2
Golf Town	23.7	23.7	17.3	14.5	14.3
Walmart	28.0	28.7	19.8	15.8	15.1
Active Sports	42.5	43.4	40.5	23.7	19.7
Total Sound Level (dB)	**43**	**44**	**41**	**25**	**24**
Noise Criteria (dB L_{eq}), Class 1	62	66	66	66	66
Noise Impact (dB), Class 1	**-19**	**-22**	**-25**	**-41**	**-42**

The result of the analysis indicates that the impulse sound levels generated by unloading of goods at the various retailers will not create any noise impact at this proposed development.

It is expected that Walmart operates late night unloading activities. Given its setback and orientation of the receiving bay (facing away from the development), nighttime operation will generate sound levels (36 to 39 dBA), well below the quietest ambient sound level (53 dBA) at the west part of the condominium building.

CONCLUSIONS

The acoustic analysis indicates a modestly high impact from traffic noise at the proposed mixed-use development. It is feasible to meet the City of Ottawa's noise criteria using standard measures found at many residential buildings close to arterial roadways. Noise control measures including the installation of central air conditioning prior to occupancy, upgraded windows and doors, and warning clauses to deal with traffic noise will be required to satisfy the various noise criteria.

The outdoor amenity on the central rooftop will require noise control measures (i.e., barriers) to meet the noise guidelines.

The existing commercial plaza (mechanical ventilation equipment and truck operations) to the south of this proposed development was found to meet the City of Ottawa's Noise Criteria.

RECOMMENDATIONS

To meet the current noise guidelines of the City of Ottawa, the following recommendations are proposed:

1. It is recommended all residential units be equipped with central air-conditioning prior to occupancy to allow the windows to be closed and maintain adequate interior sound levels.

2. A warning clause is to be inserted into all occupancy agreements for this development, notifying them of the exterior sound levels (see Appendix C: Warning Clauses B and D).

3. On the basis of the predicted sound levels (see Tables 6 and 7), façades may require upgrades from the minimum OBC requirements. Mid-rise condominiums typically utilize 6mm double-glazing with a 13 or 25mm air space between the panes of glass. This is a standard commercial window typically rated at STC 34–39.

4. It is recommended that the central rooftop with the outdoor amenity area incorporate acoustic barriers to meet 60 dB L_{eq} daytime (upper limit of the guideline). The following measures are required:

    a. A double barrier is needed to achieve the requirement attenuation. The south parapet at the central building will be the 1st barrier. The height of the parapet is to be 0.75m relative to the elevation of the outdoor terrace. The continuous parapet is to extend from the west building (9 storeys) to the east building (11 storeys).

    b. A secondary, local acoustic barrier is required along the east, west and south limit of the outdoor terrace. A minimum 1.8m high solid acoustic screen (i.e., glass, concrete or wood) is needed (see Appendix A, Figure 15).

5. The minimum surface density (face weight) is 20 kg/m^2. Subject to technical justification, the surface density can be reduced to no lower than 10 kg/m^2 for:

    b. rooftop barriers (applicable to this site); and
    b. temporary barriers for noise sources operating for a short duration, such as portable equipment.

    The barrier should be structurally sound, appropriately designed to withstand wind and snow load, and constructed without cracks or surface gaps. Any gaps under the barrier that are necessary for drainage purposes should be minimized and localized, so that the acoustical performance of the barrier is maintained.

6. It is recommended that, once detailed architectural drawings and suite configurations are available, the acoustic consultant confirm the final façade requirements.

/hp/pt/hp

APPENDIX A: FIGURES

CONTEXT

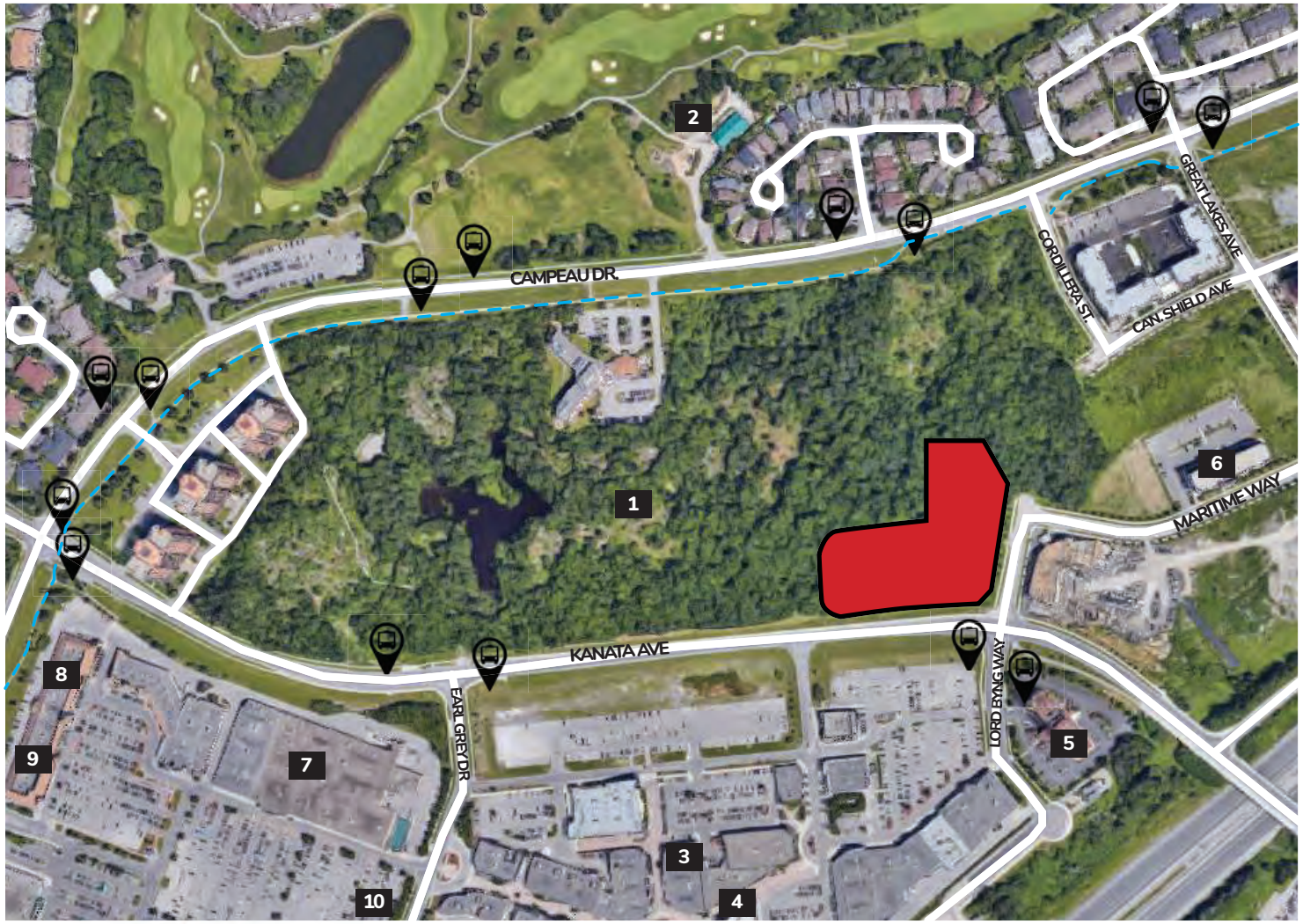
Site and Neighborhood

Legend

1. Bill Teron Park
2. Kanata Lakes Golf Club
3. Kanata Entertainement Centrum
    - Sport Check
    - 3 Brewers
    - Boston Pizza
    - Milestones
    - Golf Town
    - Best Buy
    - Telus
    - Pet Smart
    - Sleep Country
4. Landmark Cinemas
5. Holiday Inn & Suites
6. Towne Place Suites - Marriott
7. Walmart Supercentre
8. The UPS Store
9. Canada Computers & Electronics
10. Bell

Bus stop

Bike Paths



emd batimo CONSTRUCTION PROMOTEUR ET GESTIONNAIRE IMMOBILIER

150 Kanata Ave - 1200 Canadian Shield Ave

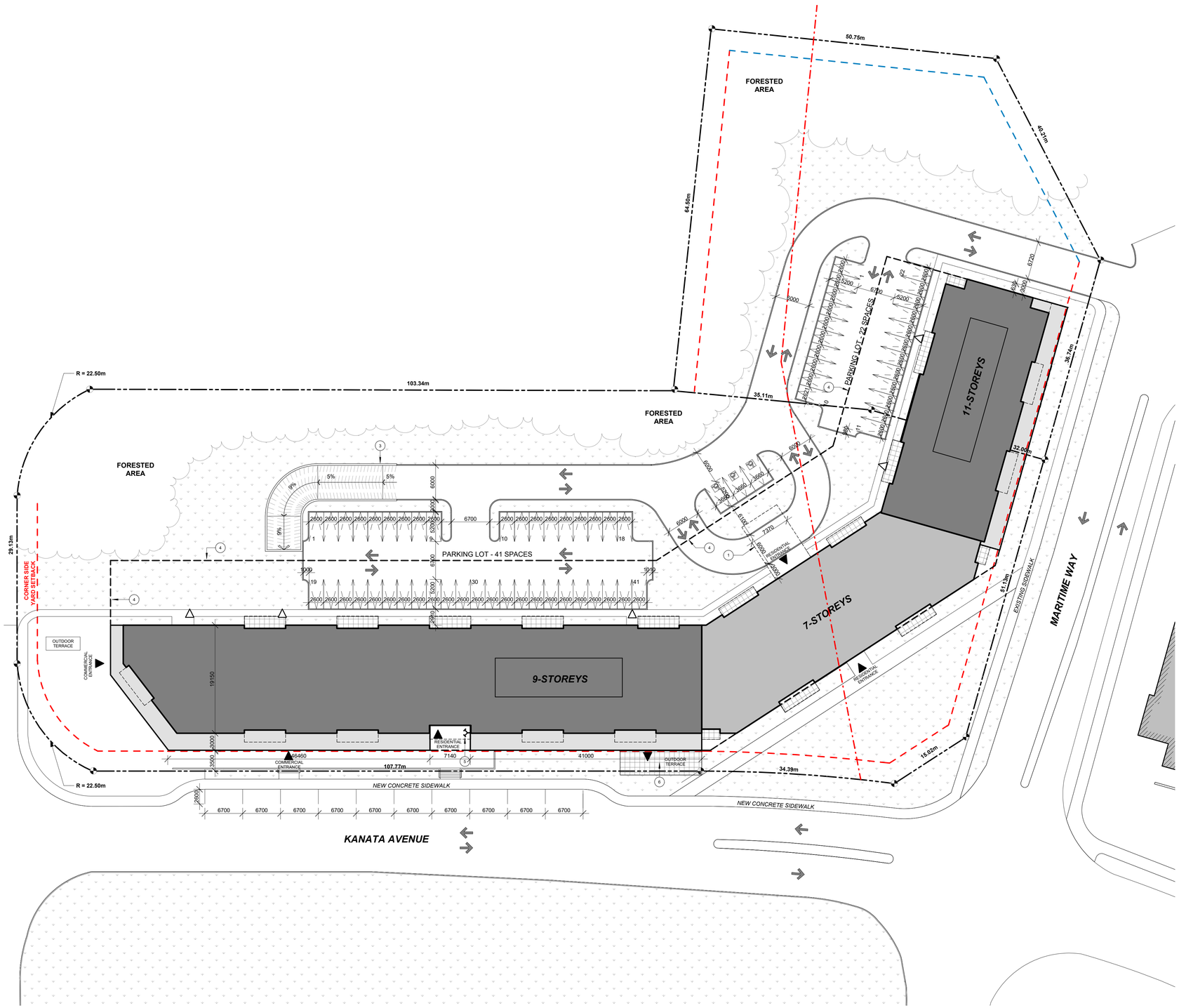
Project #: 21019

Informal Pre-consultation
Councillor Sudds - Ward 4

August 19, 2021

ROSSMANN ARCHITECTURE

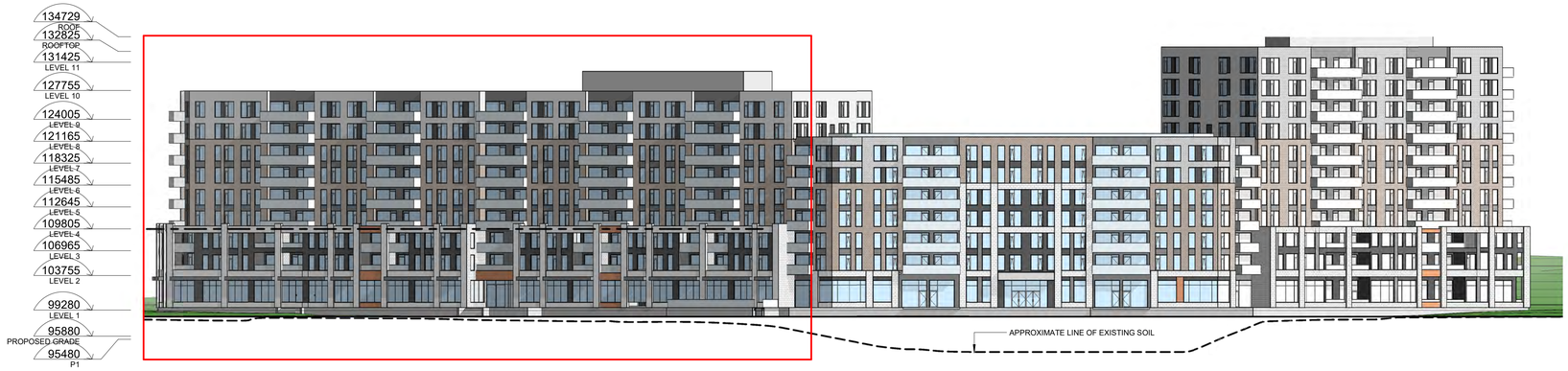
FIGURE 1



1 SITE PLAN

1 : 350

FIGURE 2



1 KEY FRONT ELEVATION - WEST BUILDING

1 : 350

2 SOUTH ELEVATION - WEST BUILDING

1 : 200

3 NORTH ELEVATION - WEST BUILDING

1 : 200

4 WEST ELEVATION

1 : 200

GENERAL NOTES

NOTE-A : ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS, INCLUDING OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS WILL BE REPORTED TO THE PROJECT LEAD IMMEDIATELY FOR CLARIFICATION PRIOR TO COMMENCING ANY CONSTRUCTION.

NOTE-B : ALL GENERAL SITE INFORMATION AND CONDITIONS HAVE BEEN COMPILED FROM EXISTING PLANS AND SURVEYS.

NOTE-C : REFER TO LANDSCAPE PLANN FOR ALL EXTERIOR LANDSCAPING.

NOTE-D : DO NOT SCALE DRAWINGS.

NOTE-E : ALL CONTRACTORS MUST COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS.

MATERIAL LEGEND

ST-1 STONE VENEER
MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

BR-1 BRICK VENEER
MANUFACTURER :
COLOR : BROWN / BEIGE
SQ.FT. :

BR-2 BRICK VENEER
MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

FC-1 FIBER-CEMENT CLADDING WOOD GRAIN
MANUFACTURER :
COLOR : CEDAR
SQ.FT. :

MP-1 METAL PANEL TYPE 1
MANUFACTURER :
COLOR : CHARCOAL
SQ.FT. :

MP-2 METAL PANEL TYPE 2
MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

MP-3 METAL PANEL TYPE 3
MANUFACTURER :
COLOR :
SQ.FT. :

GR-1 GLASS RAILING
COLOR : CLEAR

DRAWING NOTES

NOT FOR / PAS POUR CONSTRUCTION

ROSSMANN
ARCHITECTURE
88 Saint-Joseph
Boulevard, Gatineau
QC J8Y 3W5
819-600-1555

Drawn by / Dessiné par JDL
Reviewed by / Révisé par JDL

TEAM / ÉQUIPE

Release	Date	Description
1.0	2021-09-XX	SITE PLAN APPLICATION

Revision	Date	Description

emd batimo CONSTRUCTION ARCHITECTURE & CONSTRUCTION MANAGEMENT

21019

EMD KANATA
Kanata Town Centre [Parcels 2 & 3]
Kanata Ave / Maritime Way

ELEVATIONS - WEST BUILDING

2021-09-XX

Revision 1.0

Scale as indicated /
Échelle telle qu' indiquée

A301

FIGURE 3

1 KEY ELEVATION - REAR

1 : 350

2 SOUTH ELEVATION - CENTRE BUILDING - CENTRE

1 : 200

3 NORTH ELEVATION - CENTER BUILDING - CENTRE

1 : 200

GENERAL NOTES

NOTE-A : ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS, INCLUDING OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS WILL BE REPORTED TO THE PROJECT LEAD IMMEDIATELY FOR CLARIFICATION PRIOR TO COMMENCING ANY CONSTRUCTION.

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MANUFACTURER :
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SQ.FT. :

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MANUFACTURER :
COLOR : BROWN / BEIGE
SQ.FT. :

BR-2 BRICK VENEER
MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

FC-1 FIBER-CEMENT CLADDING WOOD GRAIN
MANUFACTURER :
COLOR : CEDAR
SQ.FT. :

MP-1 METAL PANEL TYPE 1
MANUFACTURER :
COLOR : CHARCOAL
SQ.FT. :

MP-2 METAL PANEL TYPE 2
MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

MP-3 METAL PANEL TYPE 3
MANUFACTURER :
COLOR :
SQ.FT. :

GR-1 GLASS RAILING
COLOR : CLEAR

DRAWING NOTES

NOT FOR / PAS POUR CONSTRUCTION

ROSSMANN
ARCHITECTURE
88 Saint-Joseph
Boulevard, Gatineau
QC J8Y 3W5
819-600-1555

Drawn by / Dessiné par JDL
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TEAM / ÉQUIPE

Release	Date	Description
1.0	2021-09-XX	SITE PLAN APPLICATION

Revision	Date	Description

emd batimo

21019

EMD KANATA
Kanata Town Centre [Parcels 2 & 3]
Kanata Ave / Maritime Way

ELEVATIONS - CENTRE BUILDING

2021-09-XX

Revision 1.0

Scale as indicated /
Échelle telle qu' indiquée

A302

FIGURE 4

1 KEY FRONT ELEVATION - EAST BUILDING

1 : 350

2 SOUTH ELEVATION - EAST BUILDING

1 : 200

3 NORTH ELEVATION - EAST BUILDING

1 : 200

4 EAST ELEVATION

1 : 200

GENERAL NOTES

NOTE-A : ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS, INCLUDING OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS WILL BE REPORTED TO THE PROJECT LEAD IMMEDIATELY FOR CLARIFICATION PRIOR TO COMMENCING ANY CONSTRUCTION.

NOTE-B : ALL GENERAL SITE INFORMATION AND CONDITIONS HAVE BEEN COMPILED FROM EXISTING PLANS AND SURVEYS.

NOTE-C : REFER TO LANDSCAPE PLANN FOR ALL EXTERIOR LANDSCAPING.

NOTE-D : DO NOT SCALE DRAWINGS.

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MATERIAL LEGEND

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MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

BR-1 BRICK VENEER
MANUFACTURER :
COLOR : BROWN / BEIGE
SQ.FT. :

BR-2 BRICK VENEER
MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

FC-1 FIBER-CEMENT CLADDING WOOD GRAIN
MANUFACTURER :
COLOR : CEDAR
SQ.FT. :

MP-1 METAL PANEL TYPE 1
MANUFACTURER :
COLOR : CHARCOAL
SQ.FT. :

MP-2 METAL PANEL TYPE 2
MANUFACTURER :
COLOR : LIGHT GREY
SQ.FT. :

MP-3 METAL PANEL TYPE 3
MANUFACTURER :
COLOR :
SQ.FT. :

GR-1 GLASS RAILING
COLOR : CLEAR

DRAWING NOTES

NOT FOR / PAS POUR CONSTRUCTION

ROSSMANN
ARCHITECTURE
88 Saint-Joseph
Boulevard, Gatineau
QC J8Y 3W5
819-600-1555

Drawn by / Dessiné par JDL
Reviewed by / Révisé par ÉS

TEAM / ÉQUIPE

Release	Date	Description

Revision	Date	Description

21019

EMD KANATA

Kanata Town Centre [Parcels 2 & 3]
Kanata Ave / Maritime Way

ELEVATIONS - EAST BUILDING

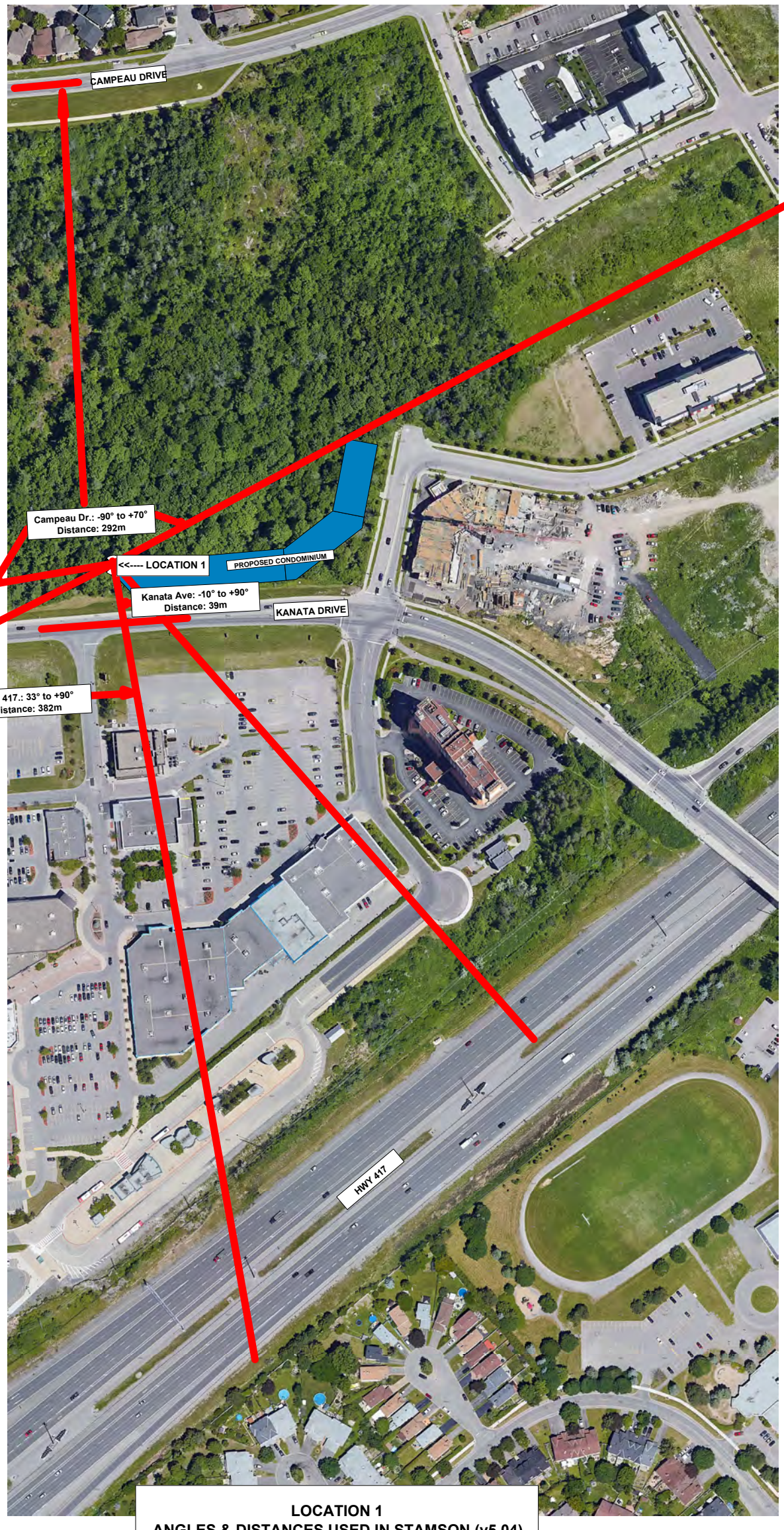
Scale as indicated /
Échelle telle qu' indiquée

A303

FIGURE 5

18428800 18428900 18429000 18429100 18429200 18429300

5018500 5018400 5018300 5018200 5018100 5018000 5017900 5017800 5017700 5017600 5017500



12

LOCATION 1
ANGLES & DISTANCES USED IN STAMSON (v5.04)

18428800 18428900 18429000 18429100 18429200 18429300

FIGURE 6

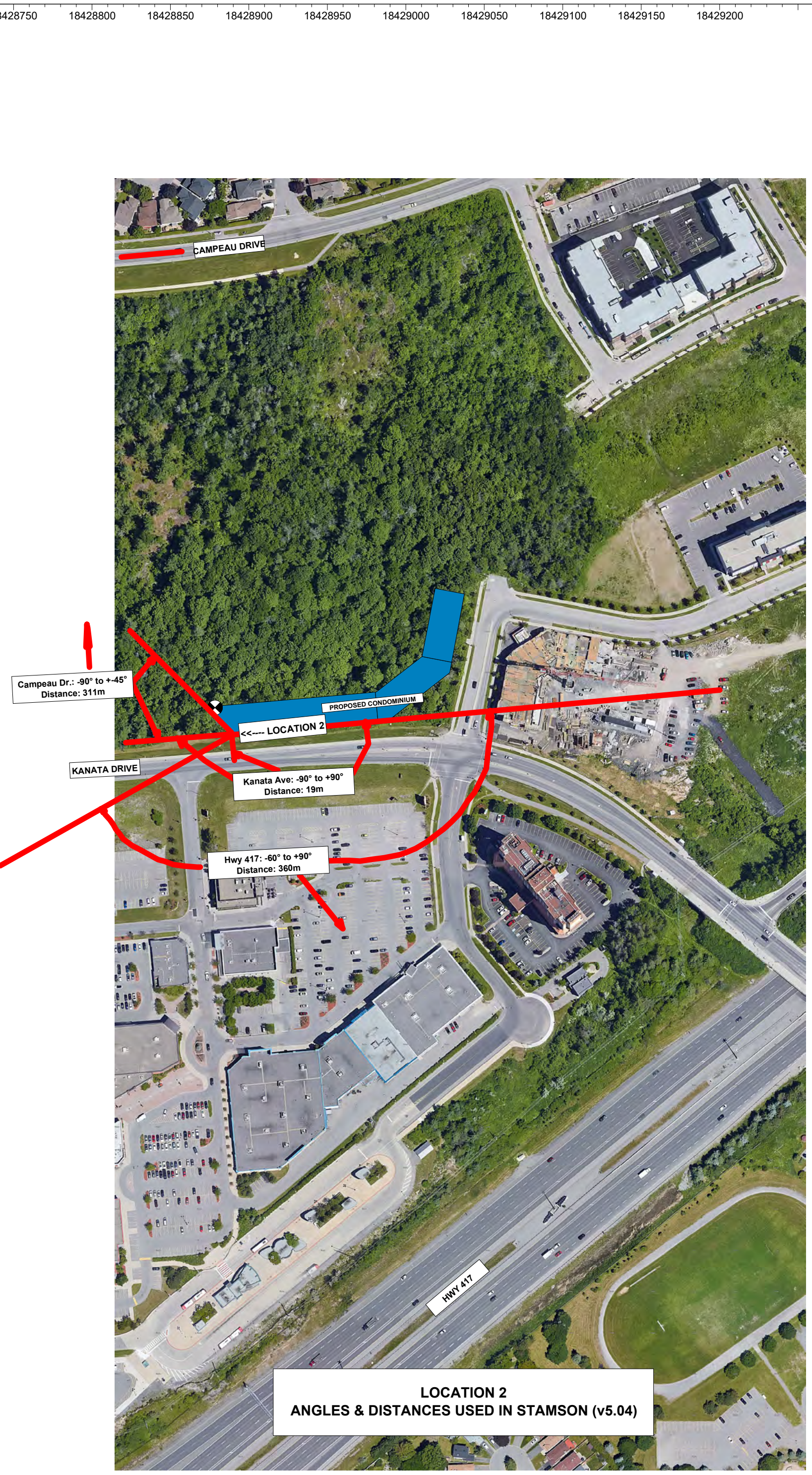
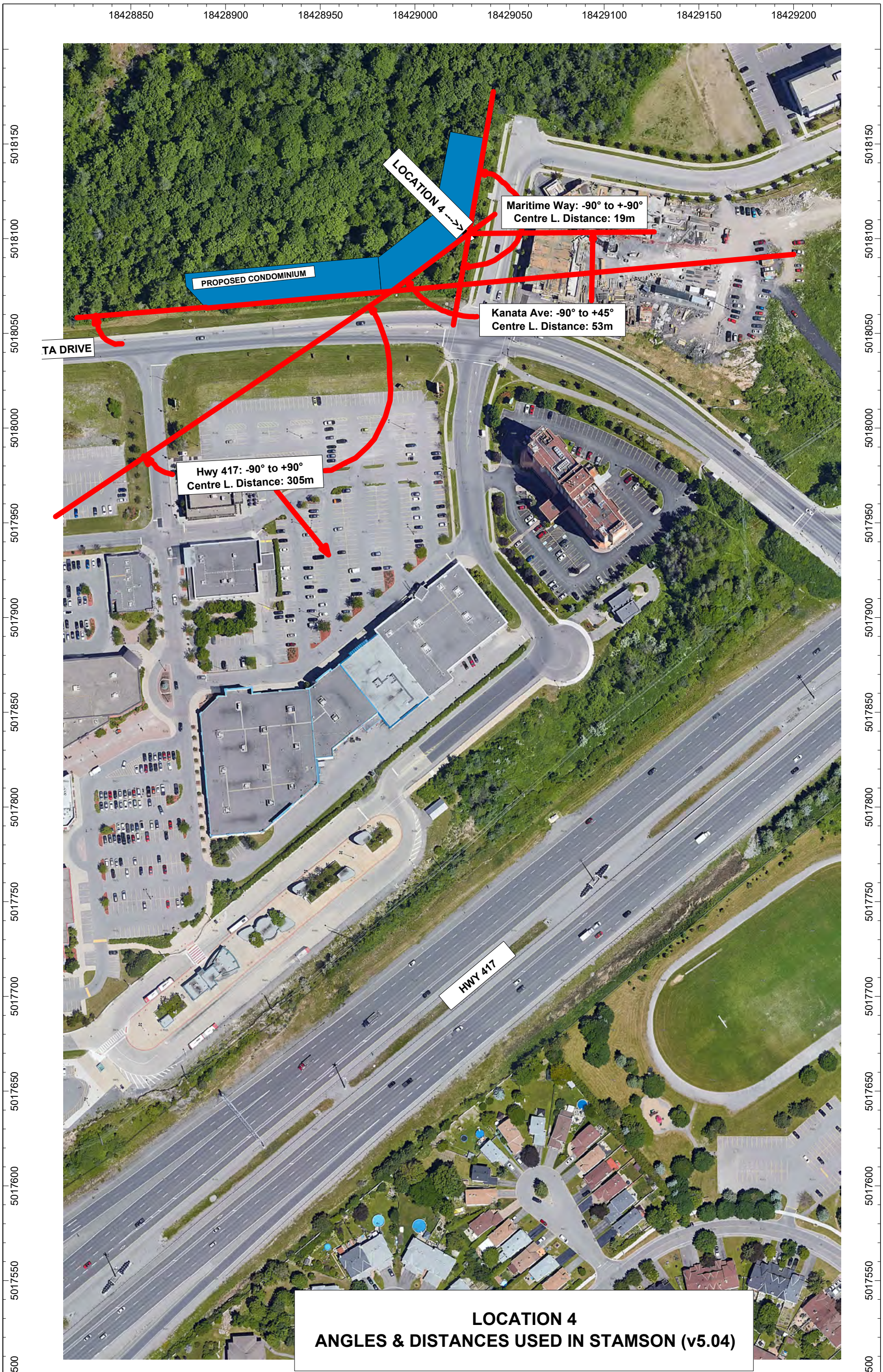

18428750
18428800
18428850
18428900
18428950
18429000
18429050
18429100
18429150
18429200
5018450
5018400
5018350
5018300
5018250
5018200
5018150
5018100
5018050
5018000
5017950
5017900
5017850
5017800
5017750
5017700
5017650
CAMPEAU DRIVE
PROPOSED CONDOMINIUM
<<---- LOCATION 2
Campeau Dr.: -90° to +-45°
Distance: 311m
KANATA DRIVE
Kanata Ave: -90° to +90°
Distance: 19m
Hwy 417: -60° to +90°
Distance: 360m
HWY 417
LOCATION 2
ANGLES & DISTANCES USED IN STAMSON (v5.04)

FIGURE 7

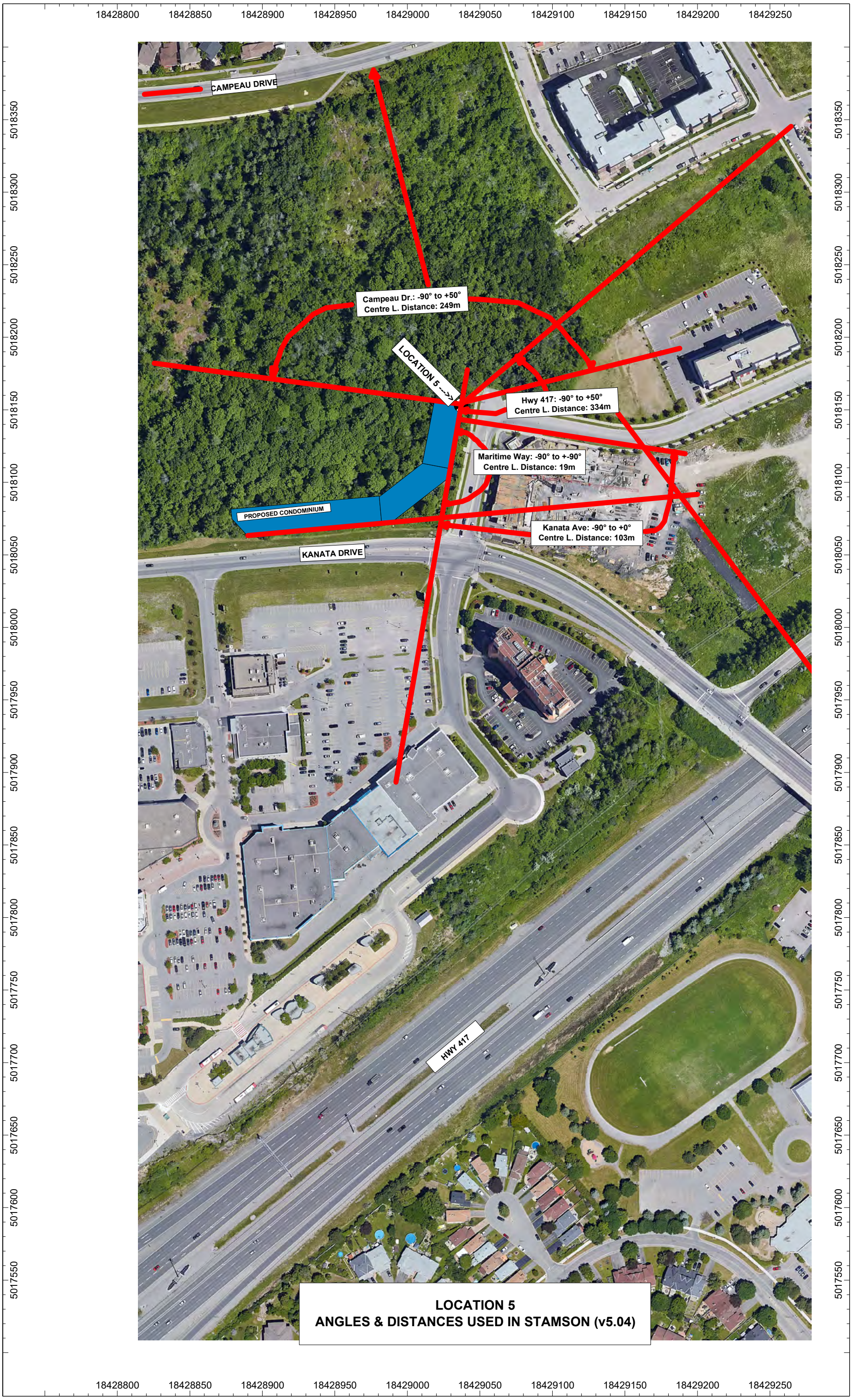
LOCATION 3
ANGLES & DISTANCES USED IN STAMSON (v5.04)

FIGURE 8



LOCATION 4
ANGLES & DISTANCES USED IN STAMSON (v5.04)

FIGURE 9



LOCATION 5
ANGLES & DISTANCES USED IN STAMSON (v5.04)

FIGURE 10

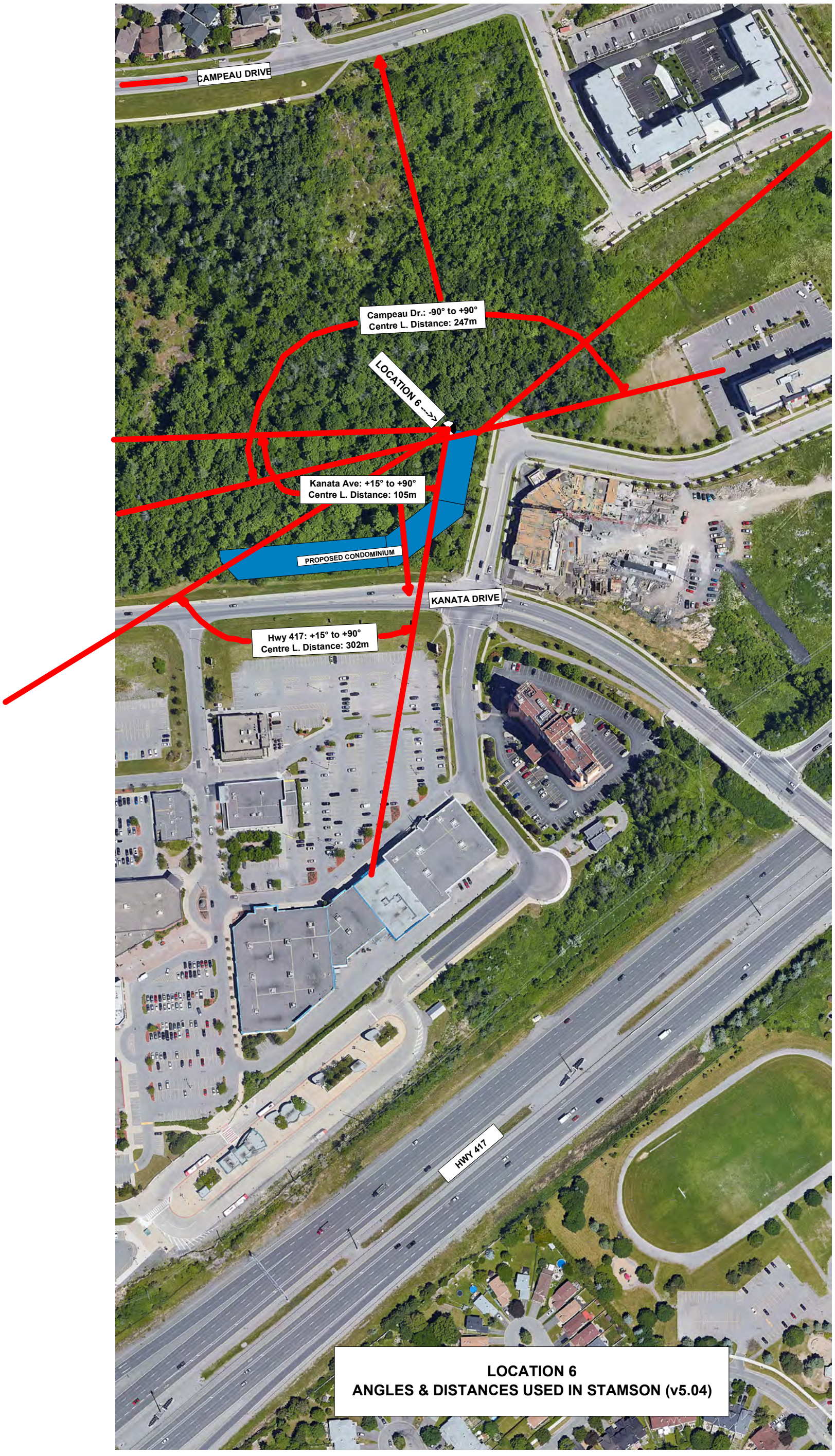

18428750
18428800
18428850
18428900
18428950
18429000
18429050
18429100
18429150
18429200
5018400
5018350
5018300
5018250
5018200
5018150
5018100
5018050
5018000
5017950
5017900
5017850
5017800
5017750
5017700
5017650
5017600
5017550
CAMPEAU DRIVE
Campeau Dr.: -90° to +90°
Centre L. Distance: 247m
LOCATION 6 --->?
Kanata Ave: +15° to +90°
Centre L. Distance: 105m
PROPOSED CONDOMINIUM
KANATA DRIVE
Hwy 417: +15° to +90°
Centre L. Distance: 302m
HWY 417
LOCATION 6
ANGLES & DISTANCES USED IN STAMSON (v5.04)

FIGURE 11

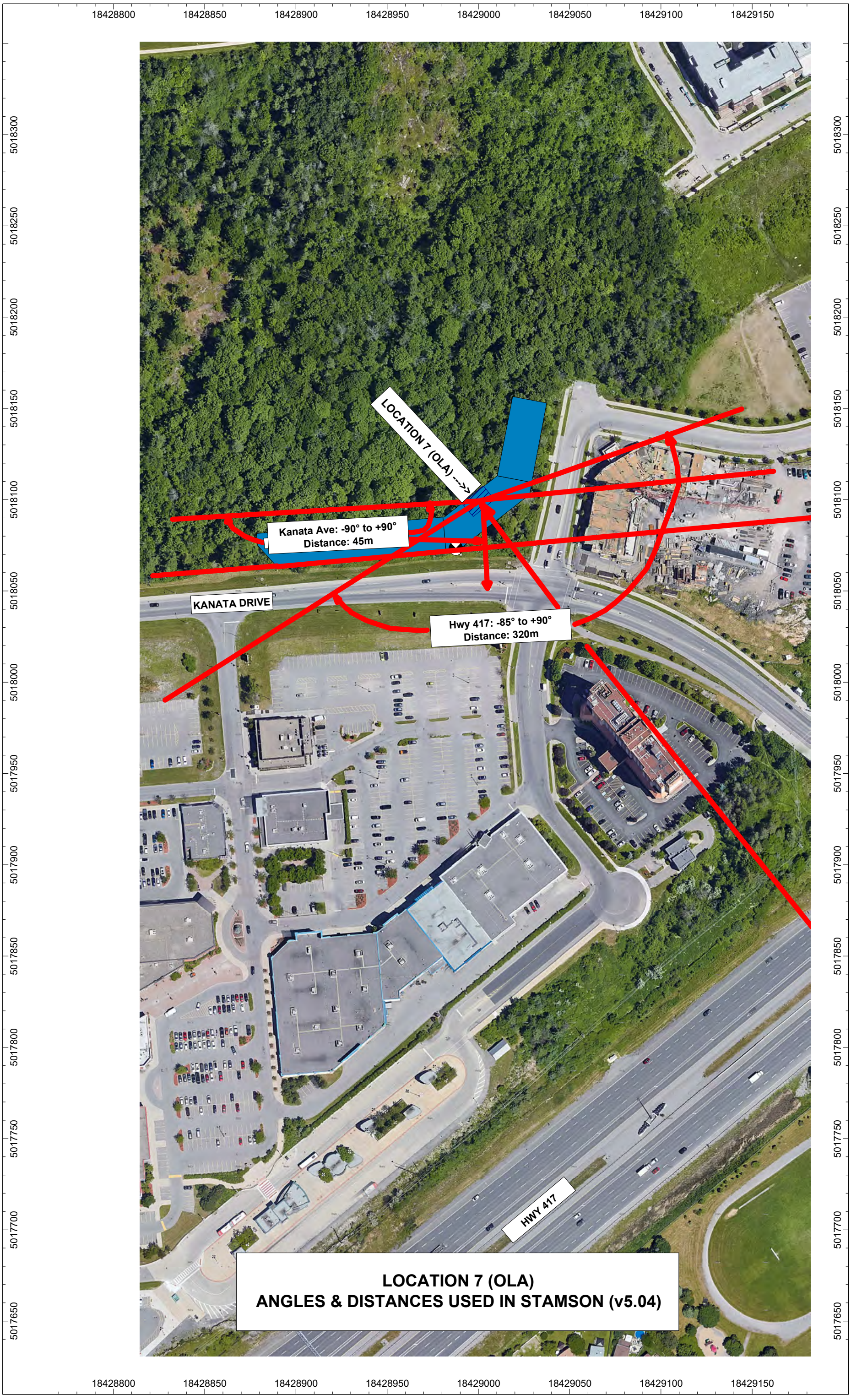
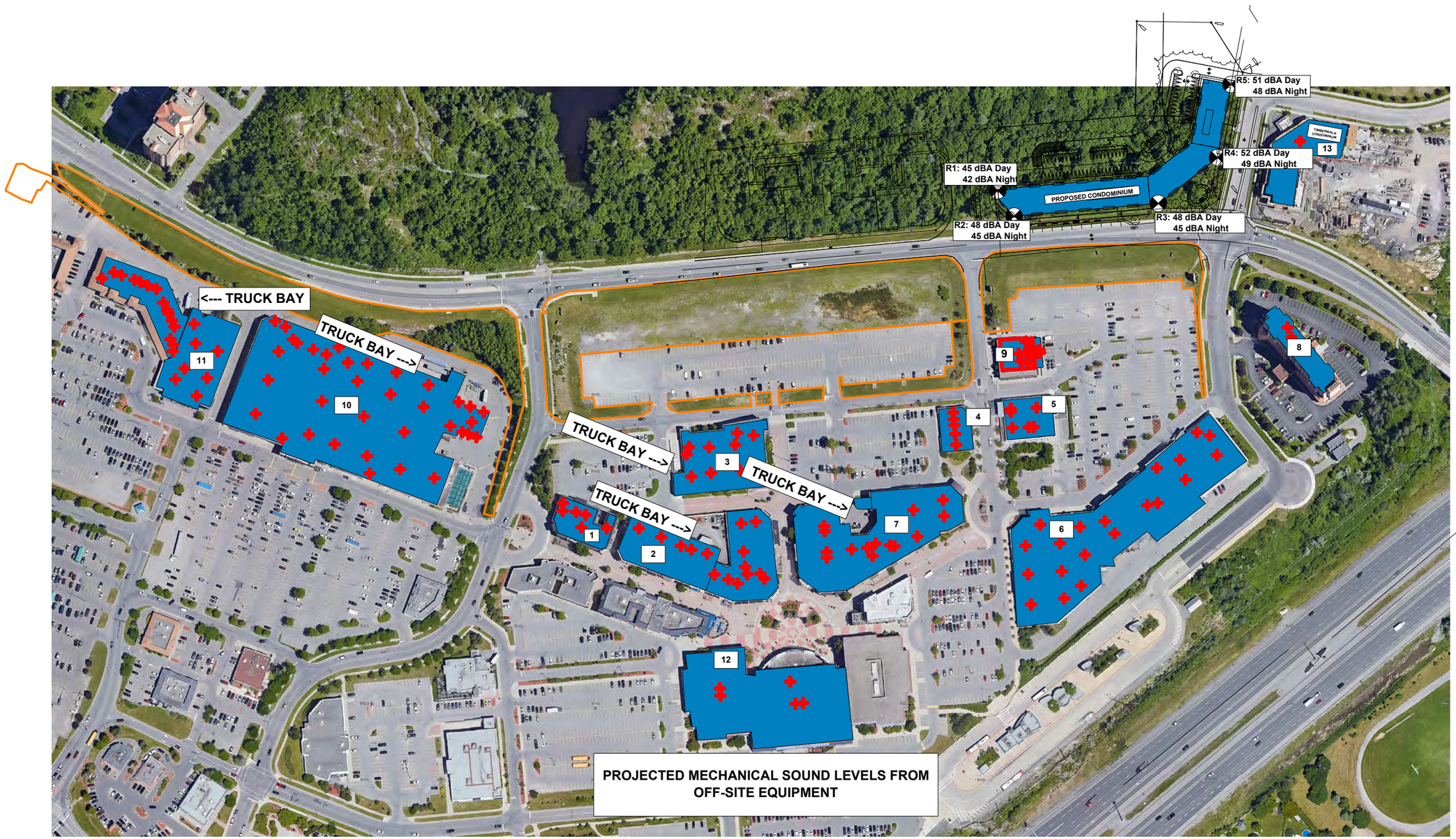

18428800
18428850
18428900
18428950
18429000
18429050
18429100
18429150
5018300
5018250
5018200
5018150
5018100
5018050
5018000
5017950
5017900
5017850
5017800
5017750
5017700
5017650
LOCATION 7 (OLA) --->
Kanata Ave: -90° to +90°
Distance: 45m
KANATA DRIVE
Hwy 417: -85° to +90°
Distance: 320m
HWY 417
LOCATION 7 (OLA)
ANGLES & DISTANCES USED IN STAMSON (v5.04)

FIGURE 12

18428300 18428400 18428500 18428600 18428700 18428800 18428900 18429000 18429100 18429200

5018200 5018100 5018000 5017900 5017800 5017700 5017600

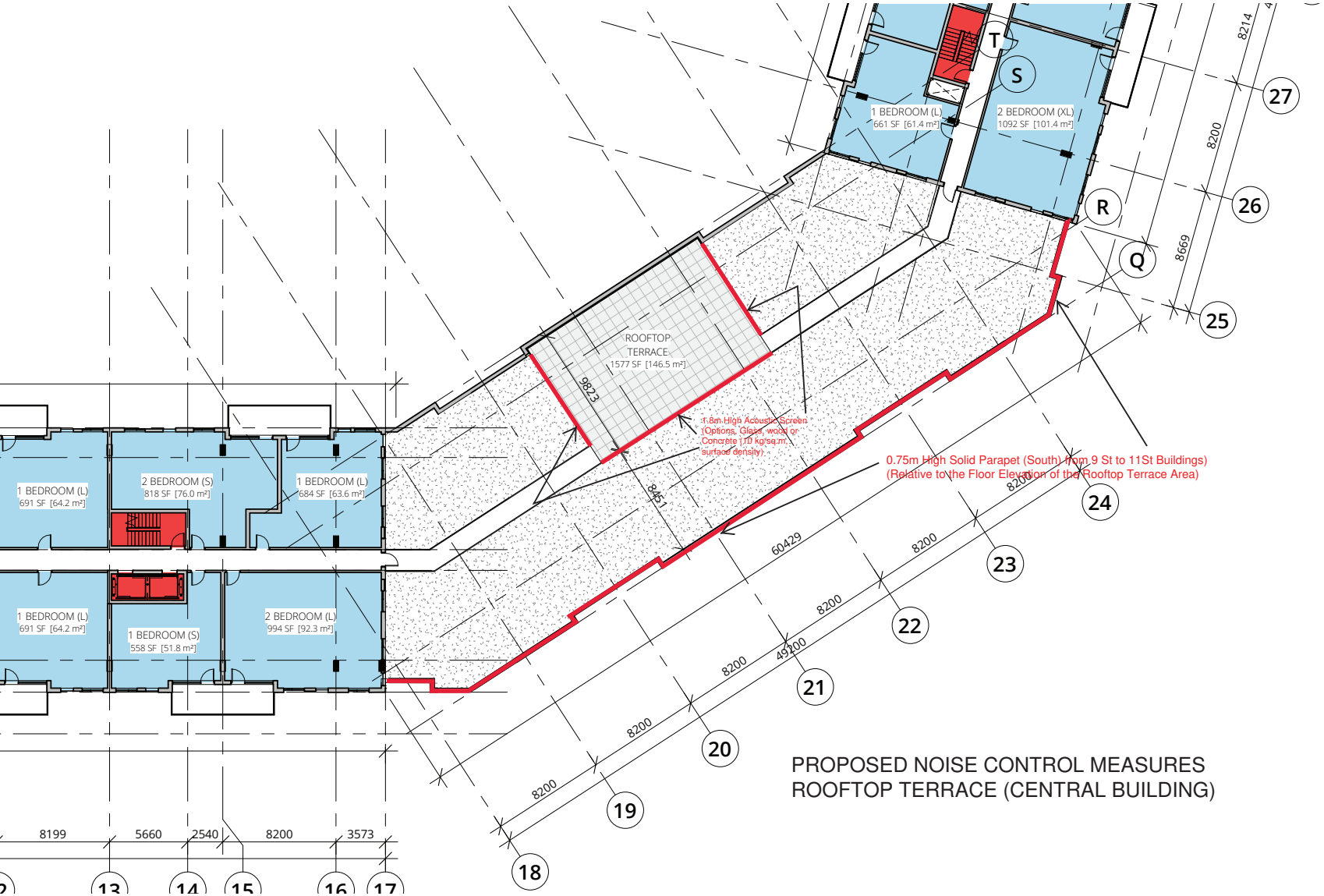


PROJECTED MECHANICAL SOUND LEVELS FROM OFF-SITE EQUIPMENT

FIGURE 13


18428300
18428400
18428500
18428600
18428700
18428800
18428900
18429000
18429100
18429200
5018200
5018100
5018000
5017900
5017800
5017700
5017600
R1: 43 dBA Day
24 dBA Night
R2: 44 dBA Day
29 dBA Night
R3: 41 dBA Day
27 dBA Night
R4: 25 dBA Day
15 dBA Night
R5: 24 dBA Day
17 dBA Night
PROPOSED CONDOMINIUM
TIMBERHALE CONDOMINIUM
13
<--- TRUCK BAY
TRUCK BAY --->
TRUCK BAY --->
TRUCK BAY --->
TRUCK BAY --->
1
2
3
4
5
6
7
8
9
10
11
12
PROJECTED IMPULSE SOUND LEVELS FROM
OFF-SITE UNLOADING FROM TRUCKS

FIGURE 14



PROPOSED NOISE CONTROL MEASURES
ROOFTOP TERRACE (CENTRAL BUILDING)

FIGURE 15

APPENDIX B: SOUND LEVEL CALCULATIONS

Highway	Location Description	Dist. (KM)	Year	Pattern Type	AADT	SADT	SAWDT	WADT	AR
			2001	UC	82,100	87,800	96,900	77,200	0.4
			2002	UC	84,600	90,100	99,500	79,200	0.3
			2003	UC	87,100	92,300	102,800	81,900	0.4
			2004	UC	89,600	94,700	105,000	84,600	0.5
			2005	UC	92,100	97,500	107,700	86,400	0.5
			2006	UC	94,800	70,900	78,300	63,100	0.6
			2007	UC	97,400	68,400	74,700	60,500	0.5
			2008	UC	100,000	65,500	61,500	58,000	1.1
			2009	UC	102,700	62,800	69,300	56,000	0.9
			2010	UC	105,400	60,400	66,500	53,700	0.7
			2011	UC	108,100	108,100	111,300	102,700	N/A
			2012	UC	109,800	109,800	117,500	104,300	N/A
			2013	UC	106,500	106,500	107,600	101,200	N/A
			2014	UC	114,000	114,000	109,400	108,300	N/A
			2015	UC	116,400	116,400	111,700	110,600	N/A
			2016	UC	118,900	118,900	114,100	112,900	N/A
417	EAGLESON RD IC-138	2.6	1988	UC	31,300	34,700	34,700	28,100	0.6
			1989	UC	32,300	35,800	36,100	29,000	0.7
			1990	UC	35,100	38,900	38,900	31,500	0.3
			1991	UC	36,500	40,100	40,500	33,200	0.3
			1992	UC	36,400	39,300	40,400	33,400	0.5
			1993	UC	36,400	39,300	40,400	33,800	0.4
			1994	UC	41,500	45,200	46,500	37,400	0.2
			1995	UC	43,600	45,300	49,700	40,500	0.3
			1996	UC	45,700	48,600	53,500	43,400	0.3
			1997	UC	47,700	50,100	55,800	44,800	0.4
			1998	UC	49,800	53,000	58,300	47,300	0.4
			1999	UC	51,900	55,200	60,700	49,300	0.4
			2000	UC	53,900	57,300	63,500	50,700	0.5
			2001	UC	56,000	59,900	66,100	52,600	0.4
			2002	UC	57,200	60,900	67,300	53,600	0.5
			2003	UC	59,800	63,400	70,600	56,200	0.6
			2004	UC	61,800	65,300	72,400	58,400	0.5

Highway	Location Description	Dist. (KM)	Year	Pattern Type	AADT	SADT	SAWDT	WADT	AR
			2005	UC	63,800	67,500	74,600	59,800	0.3
			2006	UC	65,800	69,600	76,900	61,900	0.4
			2007	UC	67,800	71,900	78,500	63,600	0.5
			2008	UC	69,800	73,700	69,200	65,300	0.6
			2009	UC	71,800	75,800	83,700	67,600	0.6
			2010	UC	73,800	78,000	85,900	69,400	0.3
			2011	UC	75,800	75,800	78,100	72,000	N/A
			2012	UC	77,800	77,800	83,300	74,000	N/A
			2013	UC	79,800	79,800	80,600	75,900	N/A
			2014	UC	81,800	81,800	78,600	77,800	N/A
			2015	UC	83,800	83,800	80,400	79,600	N/A
			2016	UC	85,800	85,800	82,400	81,600	N/A
417	TERRY FOX DR IC-140	2.4	1988	C	26,400	29,200	29,200	23,700	1.0
			1989	C	27,600	30,500	30,800	24,700	0.5
			1990	C	29,000	32,100	32,100	26,000	0.4
			1991	C	30,500	33,500	33,800	27,700	0.4
			1992	C	30,400	32,800	33,700	27,900	0.7
			1993	C	30,400	32,800	33,700	28,200	0.4
			1994	C	34,100	37,200	38,200	30,700	0.2
			1995	C	35,700	37,100	40,700	33,200	0.3
			1996	C	37,200	39,600	43,500	35,300	0.3
			1997	C	38,800	40,700	45,400	36,500	0.4
			1998	C	40,300	42,900	47,200	38,300	0.5
			1999	C	41,500	44,200	48,600	39,400	0.6
			2000	C	43,000	45,800	50,700	40,400	0.5
			2001	C	44,400	47,500	52,400	41,700	0.4
			2002	C	45,800	48,800	53,900	42,900	0.3
			2003	C	48,100	53,900	54,400	43,300	0.5
			2004	C	48,700	54,400	54,800	44,000	0.4
			2005	C	62,000	69,000	69,600	55,700	0.3
			2006	C	50,800	56,400	56,900	45,700	0.4
			2007	C	54,400	60,400	61,300	48,900	0.4
			2008	C	50,600	55,800	55,100	45,400	0.3

AM PEAK HOUR - KANATA AVE/CAMPEAU

VOLUME SETTINGS	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lanes and Sharing (#RL)												
Traffic Volume (vph)	118	482	196	66	120	35	93	156	43	37	182	67
Development Volume (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Combined Volume (vph)	118	482	196	66	120	35	93	156	43	37	182	67
Future Volume (vph)	118	482	196	66	120	35	93	156	43	37	182	67
Conflicting Peds. (#/hr)	4	—	0	0	—	4	5	—	3	3	—	5
Conflicting Bicycles (#/hr)	—	—	0	—	—	0	—	—	0	—	—	0
Peak Hour Factor	0.90	0.90	0.90	0.59	0.59	0.59	0.81	0.81	0.81	0.95	0.95	0.95
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adjusted Flow (vph)	131	536	218	112	203	59	115	193	53	39	192	71
Heavy Vehicles (%)	8	2	2	7	4	13	9	4	0	18	5	11
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Adj. Parking Lane?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Parking Maneuvers (#/hr)	—	—	—	—	—	—	—	—	—	—	—	—
Traffic from mid-block (%)	—	0	—	—	0	—	—	0	—	—	0	—
Link OD Volumes	—	—	—	—	WB	—	—	—	—	—	—	—
Traffic in shared lane (%)	—	—	—	—	—	—	—	—	—	—	—	—
Lane Group Flow (vph)	131	536	218	112	203	59	115	246	0	39	263	0

PM PEAK HOUR - KANATA AVE/CAMPEAU

VOLUME SETTINGS	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lanes and Sharing (#RL)												
Traffic Volume (vph)	56	302	213	140	434	42	273	273	181	51	227	86
Development Volume (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Combined Volume (vph)	56	302	213	140	434	42	273	273	181	51	227	86
Future Volume (vph)	56	302	213	140	434	42	273	273	181	51	227	86
Conflicting Peds (#/hr)	19	—	0	0	—	19	14	—	3	3	—	14
Conflicting Bicycles (#/hr)	—	—	0	—	—	0	—	—	0	—	—	0
Peak Hour Factor	0.89	0.89	0.89	0.94	0.94	0.94	0.92	0.92	0.92	0.96	0.96	0.96
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adjusted Flow (vph)	63	339	239	149	462	45	297	297	197	53	236	90
Heavy Vehicles (%)	0	1	2	2	1	10	2	0	1	4	0	3
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Adj. Parking Lane?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Parking Maneuvers (#/hr)	—	—	—	—	—	—	—	—	—	—	—	—
Traffic from mid-block (%)	—	0	—	—	0	—	—	0	—	—	0	—
Link OD Volumes	—	—	—	—	WB	—	—	—	—	→	→	—
Traffic in shared lane (%)	—	—	—	—	—	—	—	—	—	—	—	—
Lane Group Flow (vph)	63	339	239	149	462	45	297	494	0	53	326	0

Traffic Intersection Calculator Version: 4.1
Project: Kanata & Campeau - 2021 (exp to 2023)

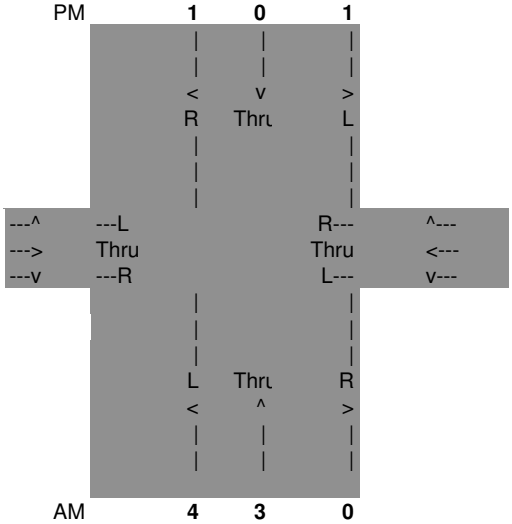
HEAVY TRUCKS

Avg AM-PM/**M**ax of AM/PM? A
AADT Conversion
(NB/SB): 10.4
(EB/WB): 10.4
When Max, use 0.5 value

24HR AADT 136
TOTAL NORTH LEG

	AM	PM
	-22	4

	AM	PM
AM	**4**	**5**	**3**
PM	**1**	**0**	**1**



	AM	PM
	5	**0**	---^	---L	R---	^---	**2**	**2**
	5	**2**	--->	Thru	Thru	<---	**2**	**2**
	2	**2**	---v	---R	L---	v---	**2**	**1**

TOTAL WEST LEG -22 10 -15 9 TOTAL EAST LEG

24HR AADT 164 **24HR AADT** 126

	AM	PM
AM	**4**	**3**	**0**
PM	**3**	**0**	**1**

	AM	PM
	-16	7

TOTAL SOUTH LEG
24HR AADT 121

19-Sep-21
11:03 AM

Traffic Intersection Calculator Version: 4.1
Project: Kanata & Campeau - 2021 (exp to 2023)

MEDIUM TRUCKS

Avg AM-PM/**M**ax of AM/PM? A
AADT Conversion
(NB/SB): 10.4
(EB/WB): 10.4

24HR AADT 136
TOTAL NORTH LEG

	AM	CARS
	-22	4

AM	**4**	**5**	**3**
PM	**1**	**0**	**1**

	AM	PM					AM	PM
	5	**0**	---^	---L	R---	^---	**2**	**2**
	5	**2**	--->	Thru	Thru	<---	**2**	**2**
	2	**2**	---v	---R	L---	v---	**2**	**1**

TOTAL WEST LEG -22 10 -15 9 TOTAL EAST LEG

24HR AADT 164 **24HR AADT** 126

	L	Thru	R
AM	**4**	**3**	**0**
PM	**3**	**0**	**1**

	AM	PM
	-16	7

TOTAL SOUTH LEG
24HR AADT 121

19-Sep-21
11:03 AM

Traffic Intersection Calculator Version: 4.1
Project: **Kanata & Campeau - 2021 (exp to 2023)**

CARS

24HR AADT 6,647

TOTAL NORTH LEG

	AM	PM
	-552	726

Avg AM-PM/**M**ax of AM/PM? **A**

AADT Conversion
(NB/SB): **10.4**
(EB/WB): **10.4**

AM	**60**	**173**	**30**	
PM	**83**	**227**	**49**	
	<	v	>	
	R	Thru	L	

	AM	PM					AM	PM	
	109	**56**	---^	---L	R---	^---	**30**	**38**	
	472	**299**	--->	Thru	Thru	<---	**115**	**430**	
	192	**209**	---v	---R	L---	v---	**61**	**137**	
TOTAL WEST LEG	-1,032	1,344					-753	1,132	TOTAL EAST LEG
24HR AADT	12,364								**24HR AADT** 9,803

	L	Thru	R	
	<	^	>	
AM	**85**	**150**	**43**	
PM	**268**	**273**	**179**	

	AM	PM
	-704	1,293

TOTAL SOUTH LEG
24HR AADT 10,385

19-Sep-21
11:03 AM

SUMMARY

Kanata & Campeau - 2021 (exp to 2023)

TOTAL NORTH LEG

	Vehicles	Breakdown
Cars	6,647	96.1%
Med. Trucks	136	2.0%
Heavy Trucks	136	2.0%
24hr AADT	**6,919**	**100.0%**

TOTAL EAST LEG

	Vehicles	Breakdown
Cars	9,803	97.5%
Med. Trucks	126	1.3%
Heavy Trucks	126	1.3%
24hr AADT	**10,055**	**100.0%**

TOTAL WEST LEG

	Vehicles	Breakdown
Cars	12,364	97.4%
Med. Trucks	164	1.3%
Heavy Trucks	164	1.3%
24hr AADT	**12,693**	**100.0%**

TOTAL SOUTH LEG

	Vehicles	Breakdown
Cars	10,385	97.7%
Med. Trucks	121	1.1%
Heavy Trucks	121	1.1%
24hr AADT	**10,628**	**100.0%**

Note: 24hr AADT is calculated on averaging AM & PM values and multiplying results by conversion factor 10

19-Sep-21
11:03 AM

QUIETEST AMBIENT HOURLY SOUND LEVELS (HWY 417, KANATA AVE)

Hour of Day		Hrly Adj	R1 - NW	Hrly Adj	R2 - SW	Hrly Adj	R3 - SE	Hrly Adj	R4 - NE
midnight	1:00	-8.77	56.18	-8.77	60.34	-8.77	60.96	-8.77	60.4
1:00	2:00	-11.26	53.69	-11.26	57.85	-11.26	58.47	-11.26	57.9
2:00	3:00	-12.60	52.35	-12.60	56.51	-12.60	57.13	-12.60	56.5
3:00	4:00	-13.39	51.56	-13.39	55.72	-13.39	56.34	-13.39	55.7
4:00	5:00	-12.60	52.35	-12.60	56.51	-12.60	57.13	-12.60	56.5
5:00	6:00	-8.39	56.56	-8.39	60.72	-8.39	61.34	-8.39	60.7
6:00	7:00	-3.77	61.18	-3.77	65.34	-3.77	65.96	-3.77	65.4
7:00	8:00	-1.13	63.82	-1.13	67.98	-1.13	68.60	-1.13	68.0
8:00	9:00	0.00	64.95	0.00	69.11	0.00	69.73	0.00	69.1
9:00	10:00	-0.67	64.28	-0.67	68.44	-0.67	69.06	-0.67	68.5
10:00	11:00	-0.76	64.19	-0.76	68.35	-0.76	68.97	-0.76	68.4
11:00	noon	-0.35	64.60	-0.35	68.76	-0.35	69.38	-0.35	68.8
noon	1:00	-0.05	64.90	-0.05	69.06	-0.05	69.68	-0.05	69.1
1:00	2:00	-0.20	64.75	-0.20	68.91	-0.20	69.53	-0.20	68.9
2:00	3:00	0.03	64.98	0.03	69.14	0.03	69.76	0.03	69.2
3:00	4:00	0.54	65.49	0.54	69.65	0.54	70.27	0.54	69.7
4:00	5:00	0.77	65.72	0.77	69.88	0.77	70.50	0.77	69.9
5:00	6:00	0.67	65.62	0.67	69.78	0.67	70.40	0.67	69.8
6:00	7:00	-0.19	64.76	-0.19	68.92	-0.19	69.54	-0.19	68.9
7:00	8:00	-1.07	63.88	-1.07	68.04	-1.07	68.66	-1.07	68.1
8:00	9:00	-2.05	62.90	-2.05	67.06	-2.05	67.68	-2.05	67.1
9:00	10:00	-2.83	62.12	-2.83	66.28	-2.83	66.90	-2.83	66.3
10:00	11:00	-4.34	60.61	-4.34	64.77	-4.34	65.39	-4.34	64.8
11:00	midnight	-5.94	59.01	-5.94	63.17	-5.94	63.79	-5.94	63.2
		Day	61	Day	65	Day	65	Day	6
		Night	52	Night	56	Night	56	Night	5

STAMSON 5.0 NORMAL REPORT Date: 17-09-2021 13:56:21
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: locw_1nw.te Time Period: Day/Night 16/8 hours
Description: Loc 1 - West Bldg - NW Facade

Road data, segment # 1: Hwy 417 (day/night)

```
Car traffic volume  : 118739/10325 veh/TimePeriod  *
Medium truck volume :  9445/821   veh/TimePeriod  *
Heavy truck volume  :  6747/587   veh/TimePeriod  *
Posted speed limit  :   100 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)
```

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

```
    24 hr Traffic Volume (AADT or SADT): 146664
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00
```

Data for Segment # 1: Hwy 417 (day/night)

```
Angle1   Angle2           :  33.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 382.00 / 382.00 m
Receiver height           :  30.00 / 30.00  m
Topography                :      1       (Flat/gentle slope; no barrier)
```

Road data, segment # 2: Kanata Ave (day/night)

```
Car traffic volume  : 24288/2112  veh/TimePeriod  *
Medium truck volume :  1932/168   veh/TimePeriod  *
Heavy truck volume  :  1380/120   veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)
```

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

```
    24 hr Traffic Volume (AADT or SADT):  30000
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00
```

Data for Segment # 2: Kanata Ave (day/night)

```
Angle1   Angle2           : -10.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  39.00 / 39.00  m
Receiver height           :  30.00 / 30.00  m
Topography                :      1       (Flat/gentle slope; no barrier)
```

Road data, segment # 3: Campeau Dr. (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 3: Campeau Dr. (day/night)

Angle1 Angle2 : -90.00 deg 70.00 deg
Wood depth : 2 (Wood depth 60 metres or more)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 292.00 / 292.00 m
Receiver height : 30.00 / 30.00 m
Topography : 1 (Flat/gentle slope; no barrier)

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 65.35 + 0.00) = 65.35 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
33	90	0.00	84.41	0.00	-14.06	-4.99	0.00	0.00	0.00	65.35

Segment Leq : 65.35 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 64.79 + 0.00) = 64.79 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-10	90	0.00	71.49	0.00	-4.15	-2.55	0.00	0.00	0.00	64.79

Segment Leq : 64.79 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 45.08 + 0.00) = 45.08 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	68.48	0.00	-12.89	-0.51	-10.00	0.00	0.00	45.08

Segment Leq : 45.08 dBA

Total Leq All Segments: 68.11 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 57.76 + 0.00) = 57.76 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
33	90	0.00	76.81	0.00	-14.06	-4.99	0.00	0.00	0.00	57.76

Segment Leq : 57.76 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 57.19 + 0.00) = 57.19 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-10	90	0.00	63.89	0.00	-4.15	-2.55	0.00	0.00	0.00	57.19

Segment Leq : 57.19 dBA

Results segment # 3: Campeau Dr. (night)

Source height = 1.50 m

ROAD (0.00 + 37.48 + 0.00) = 37.48 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	60.88	0.00	-12.89	-0.51	-10.00	0.00	0.00	37.48

Segment Leq : 37.48 dBA

Total Leq All Segments: 60.52 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 68.11
(NIGHT): 60.52

STAMSON 5.0 NORMAL REPORT Date: 17-09-2021 13:56:41
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: locw_2sw.te Time Period: Day/Night 16/8 hours
Description: Loc 2 - West Bldg - SW Facade

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (day/night)

Angle1 Angle2 : -60.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 360.00 / 360.00 m
Receiver height : 30.00 / 30.00 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (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 : 30.00 / 30.00 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 3: Campeau Dr. (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 3: Campeau Dr. (day/night)

Angle1 Angle2 : -90.00 deg -45.00 deg
Wood depth : 2 (Wood depth 60 metres or more)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 311.00 / 311.00 m
Receiver height : 30.00 / 30.00 m
Topography : 1 (Flat/gentle slope; no barrier)

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 69.81 + 0.00) = 69.81 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-60	90	0.00	84.41	0.00	-13.80	-0.79	0.00	0.00	0.00	69.81

Segment Leq : 69.81 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 70.46 + 0.00) = 70.46 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	71.49	0.00	-1.03	0.00	0.00	0.00	0.00	70.46

Segment Leq : 70.46 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 39.29 + 0.00) = 39.29 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	-45	0.00	68.48	0.00	-13.17	-6.02	-10.00	0.00	0.00	39.29

Segment Leq : 39.29 dBA

Total Leq All Segments: 73.16 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 62.22 + 0.00) = 62.22 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-60	90	0.00	76.81	0.00	-13.80	-0.79	0.00	0.00	0.00	62.22

Segment Leq : 62.22 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 62.87 + 0.00) = 62.87 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	63.89	0.00	-1.03	0.00	0.00	0.00	0.00	62.87

Segment Leq : 62.87 dBA

Results segment # 3: Campeau Dr. (night)

Source height = 1.50 m

ROAD (0.00 + 31.70 + 0.00) = 31.70 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	-45	0.00	60.88	0.00	-13.17	-6.02	-10.00	0.00	0.00	31.70

Segment Leq : 31.70 dBA

Total Leq All Segments: 65.57 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 73.16
(NIGHT): 65.57

STAMSON 5.0 NORMAL REPORT Date: 17-09-2021 13:57:46
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: locw_3se.te Time Period: Day/Night 16/8 hours
Description: Loc 3 - Central Bldg - SW Facade

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (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 : 305.00 / 305.00 m
Receiver height : 21.10 / 21.10 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (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 : 20.00 / 20.00 m
Receiver height : 21.10 / 21.10 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 3: Maritime Wy (day/night)

Car traffic volume : 6477/563 veh/TimePeriod *
Medium truck volume : 515/45 veh/TimePeriod *
Heavy truck volume : 368/32 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT)	8000
Percentage of Annual Growth	0.00
Number of Years of Growth	10.00
Medium Truck % of Total Volume	7.00
Heavy Truck % of Total Volume	5.00
Day (16 hrs) % of Total Volume	92.00

Data for Segment # 3: Maritime Wy (day/night)

Angle1 Angle2 : -40.00 deg 90.00 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 : 21.10 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 71.33 + 0.00) = 71.33 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	84.41	0.00	-13.08	0.00	0.00	0.00	0.00	71.33

Segment Leq : 71.33 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 70.24 + 0.00) = 70.24 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	71.49	0.00	-1.25	0.00	0.00	0.00	0.00	70.24

Segment Leq : 70.24 dBA

Results segment # 3: Maritime Wy (day)

Source height = 1.50 m

ROAD (0.00 + 58.85 + 0.00) = 58.85 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-40	90	0.00	65.75	0.00	-5.48	-1.41	0.00	0.00	0.00	58.85

Segment Leq : 58.85 dBA

Total Leq All Segments: 73.97 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 63.73 + 0.00) = 63.73 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	76.81	0.00	-13.08	0.00	0.00	0.00	0.00	63.73

Segment Leq : 63.73 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 62.64 + 0.00) = 62.64 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	63.89	0.00	-1.25	0.00	0.00	0.00	0.00	62.64

Segment Leq : 62.64 dBA

Results segment # 3: Maritime Wy (night)

Source height = 1.50 m

ROAD (0.00 + 51.26 + 0.00) = 51.26 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-40	90	0.00	58.16	0.00	-5.48	-1.41	0.00	0.00	0.00	51.26

Segment Leq : 51.26 dBA

Total Leq All Segments: 66.37 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 73.97
(NIGHT): 66.37

STAMSON 5.0 NORMAL REPORT Date: 17-09-2021 13:58:05
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: locm_4ne.te Time Period: Day/Night 16/8 hours
Description: Loc 4 - Central Bldg - NE Facade

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (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 : 305.00 / 305.00 m
Receiver height : 21.10 / 21.10 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (day/night)

Angle1 Angle2 : -90.00 deg 45.00 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 : 21.10 / 21.10 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 3: Maritime Wy (day/night)

Car traffic volume : 6477/563 veh/TimePeriod *
Medium truck volume : 515/45 veh/TimePeriod *
Heavy truck volume : 368/32 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 8000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 3: Maritime Wy (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 19.00 / 19.00 m
Receiver height : 21.10 / 21.10 m
Topography : 1 (Flat/gentle slope; no barrier)

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 71.33 + 0.00) = 71.33 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	84.41	0.00	-13.08	0.00	0.00	0.00	0.00	71.33

Segment Leq : 71.33 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 64.76 + 0.00) = 64.76 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	45	0.00	71.49	0.00	-5.48	-1.25	0.00	0.00	0.00	64.76

Segment Leq : 64.76 dBA

Results segment # 3: Maritime Wy (day)

Source height = 1.50 m

ROAD (0.00 + 64.44 + 0.00) = 64.44 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.07	65.75	0.00	-1.10	-0.21	0.00	0.00	0.00	64.44

Segment Leq : 64.44 dBA

Total Leq All Segments: 72.87 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 63.73 + 0.00) = 63.73 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	76.81	0.00	-13.08	0.00	0.00	0.00	0.00	63.73

Segment Leq : 63.73 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 57.16 + 0.00) = 57.16 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	45	0.00	63.89	0.00	-5.48	-1.25	0.00	0.00	0.00	57.16

Segment Leq : 57.16 dBA

Results segment # 3: Maritime Wy (night)

Source height = 1.50 m

ROAD (0.00 + 56.85 + 0.00) = 56.85 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.07	58.16	0.00	-1.10	-0.21	0.00	0.00	0.00	56.85

Segment Leq : 56.85 dBA

Total Leq All Segments: 65.27 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 72.87
(NIGHT): 65.27

STAMSON 5.0 COMPREHENSIVE REPORT Date: 17-09-2021 59:22:02
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: loce_5ne.te Time Period: Day/Night 16/8 hours
Description: Loc 5 - NE Facade

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (day/night)

Angle1 Angle2 : -90.00 deg 50.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 334.00 / 334.00 m
Receiver height : 21.50 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (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 : 103.00 / 103.00 m
Receiver height : 21.50 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 3: Campeau Dr. (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 3: Campeau Dr. (day/night)

Angle1 Angle2 : -90.00 deg 70.00 deg
Wood depth : 2 (Wood depth 60 metres or more)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 249.00 / 249.00 m
Receiver height : 21.50 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 4: Maritime Wy (day/night)

Car traffic volume : 6477/563 veh/TimePeriod *
Medium truck volume : 515/45 veh/TimePeriod *
Heavy truck volume : 368/32 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 8000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 4: Maritime Wy (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 : 21.50 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 69.84 + 0.00) = 69.84 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	50	0.00	84.41	0.00	-13.48	-1.09	0.00	0.00	0.00	69.84

Segment Leq : 69.84 dBA

Segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 60.11 + 0.00) = 60.11 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.00	71.49	0.00	-8.37	-3.01	0.00	0.00	0.00	60.11

Segment Leq : 60.11 dBA

Segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 45.77 + 0.00) = 45.77 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	68.48	0.00	-12.20	-0.51	-10.00	0.00	0.00	45.77

Segment Leq : 45.77 dBA

Segment # 4: Maritime Wy (day)

Source height = 1.50 m

ROAD (0.00 + 64.72 + 0.00) = 64.72 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	65.75	0.00	-1.03	0.00	0.00	0.00	0.00	64.72

Segment Leq : 64.72 dBA

Total Leq All Segments: 71.36 dBA

Segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 62.24 + 0.00) = 62.24 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	50	0.00	76.81	0.00	-13.48	-1.09	0.00	0.00	0.00	62.24

Segment Leq : 62.24 dBA

Segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 52.52 + 0.00) = 52.52 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.00	63.89	0.00	-8.37	-3.01	0.00	0.00	0.00	52.52

Segment Leq : 52.52 dBA

Segment # 3: Campeau Dr. (night)

Source height = 1.50 m

ROAD (0.00 + 38.17 + 0.00) = 38.17 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	60.88	0.00	-12.20	-0.51	-10.00	0.00	0.00	38.17

Segment Leq : 38.17 dBA

Segment # 4: Maritime Wy (night)

Source height = 1.50 m

ROAD (0.00 + 57.13 + 0.00) = 57.13 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	58.16	0.00	-1.03	0.00	0.00	0.00	0.00	57.13

Segment Leq : 57.13 dBA

Total Leq All Segments: 63.76 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 71.36
(NIGHT): 63.76

STAMSON 5.0 NORMAL REPORT Date: 17-09-2021 13:58:40
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: loce_6nw.te Time Period: Day/Night 16/8 hours
Description: Loc 6 - East Bldg - NW Facade

Road data, segment # 1: Hwy 417-7St (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417-7St (day/night)

Angle1 Angle2 : 15.00 deg 40.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 302.00 / 302.00 m
Receiver height : 21.50 / 21.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : 15.00 deg Angle2 : 40.00 deg
Barrier height : 25.48 m
Barrier receiver distance : 52.00 / 52.00 m
Source elevation : 0.00 m
Receiver elevation : 0.00 m
Barrier elevation : 0.00 m

Road data, segment # 2: Kanata Ave 7 (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

```
Data for Segment # 2: Kanata Ave 7 (day/night)
-----------------------------------------------
Angle1   Angle2           :  15.00 deg   40.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 105.00 / 105.00 m
Receiver height           :  21.50 / 21.50  m
Topography                :      2       (Flat/gentle slope; with barrier)
Barrier angle1            :  15.00 deg   Angle2 : 40.00 deg
Barrier height            :  25.48 m
Barrier receiver distance :  52.00 / 52.00  m
Source elevation          :   0.00 m
Receiver elevation        :   0.00 m
Barrier elevation         :   0.00 m

Road data, segment # 3: Campeau Dr. (day/night)
-----------------------------------------------
Car traffic volume  : 12144/1056  veh/TimePeriod  *
Medium truck volume :   966/84    veh/TimePeriod  *
Heavy truck volume  :   690/60    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  15000
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00

Data for Segment # 3: Campeau Dr. (day/night)
-----------------------------------------------
Angle1   Angle2           : -90.00 deg   90.00 deg
Wood depth                :      2       (Wood depth 60 metres or more)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 247.00 / 249.00 m
Receiver height           :  21.50 / 21.50  m
Topography                :      1       (Flat/gentle slope; no barrier)

Road data, segment # 4: Maritime Wy (day/night)
-----------------------------------------------
Car traffic volume  :  6477/563   veh/TimePeriod  *
Medium truck volume :   515/45    veh/TimePeriod  *
Heavy truck volume  :   368/32    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   8000
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00
```

```
Data for Segment # 4: Maritime Wy (day/night)
---------------------------------------------
Angle1   Angle2           : -90.00 deg   0.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  :  40.00 / 40.00  m
Receiver height           :  21.50 / 21.50  m
Topography                :      1       (Flat/gentle slope; no barrier)

Road data, segment # 5: Hwy 417-9St (day/night)
-----------------------------------------------
Car traffic volume  : 118739/10325 veh/TimePeriod  *
Medium truck volume :  9445/821   veh/TimePeriod  *
Heavy truck volume  :  6747/587   veh/TimePeriod  *
Posted speed limit  :   100 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT): 146664
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00

Data for Segment # 5: Hwy 417-9St (day/night)
---------------------------------------------
Angle1   Angle2           :  40.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 302.00 / 302.00 m
Receiver height           :  21.50 / 21.50  m
Topography                :      2       (Flat/gentle slope; with barrier)
Barrier angle1            :  40.00 deg   Angle2 : 90.00 deg
Barrier height            :  28.48 m
Barrier receiver distance :  72.00 / 72.00  m
Source elevation          :   0.00 m
Receiver elevation        :   0.00 m
Barrier elevation         :   0.00 m

Road data, segment # 6: Kanata Ave 9 (day/night)
------------------------------------------------
Car traffic volume  : 24288/2112  veh/TimePeriod  *
Medium truck volume :  1932/168   veh/TimePeriod  *
Heavy truck volume  :  1380/120   veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  30000
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00
```

Data for Segment # 6: Kanata Ave 9 (day/night)

Angle1 Angle2 : 40.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 105.00 / 105.00 m
Receiver height : 21.50 / 21.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : 40.00 deg Angle2 : 90.00 deg
Barrier height : 28.48 m
Barrier receiver distance : 72.00 / 72.00 m
Source elevation : 0.00 m
Receiver elevation : 0.00 m
Barrier elevation : 0.00 m

Results segment # 1: Hwy 417-7St (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	18.06	18.06

ROAD (0.00 + 47.66 + 0.00) = 47.66 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
15	40	0.00	84.41	0.00	-13.04	-8.57	0.00	0.00	-15.13	47.66

Segment Leq : 47.66 dBA

Results segment # 2: Kanata Ave 7 (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	11.59	11.59

ROAD (0.00 + 34.47 + 0.00) = 34.47 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
15	40	0.00	71.49	0.00	-8.45	-8.57	0.00	0.00	-20.00	34.47

Segment Leq : 34.47 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 46.31 + 0.00) = 46.31 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	68.48	0.00	-12.17	0.00	-10.00	0.00	0.00	46.31

Segment Leq : 46.31 dBA

Results segment # 4: Maritime Wy (day)

Source height = 1.50 m

ROAD (0.00 + 58.05 + 0.00) = 58.05 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.06	65.75	0.00	-4.52	-3.18	0.00	0.00	0.00	58.05

Segment Leq : 58.05 dBA

Results segment # 5: Hwy 417-9St (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	16.73	16.73

ROAD (0.00 + 53.20 + 0.00) = 53.20 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
40	90	0.00	84.41	0.00	-13.04	-5.56	0.00	0.00	-12.60	53.20

Segment Leq : 53.20 dBA

Results segment # 6: Kanata Ave 9 (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	7.78	7.78

ROAD (0.00 + 39.79 + 0.00) = 39.79 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
40	90	0.00	71.49	0.00	-8.45	-5.56	0.00	0.00	-17.69	39.79

Segment Leq : 39.79 dBA

Total Leq All Segments: 59.83 dBA

Results segment # 1: Hwy 417-7St (night)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	18.06	18.06

ROAD (0.00 + 40.07 + 0.00) = 40.07 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
15	40	0.00	76.81	0.00	-13.04	-8.57	0.00	0.00	-15.13	40.07

Segment Leq : 40.07 dBA

Results segment # 2: Kanata Ave 7 (night)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	11.59	11.59

ROAD (0.00 + 26.87 + 0.00) = 26.87 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
15	40	0.00	63.89	0.00	-8.45	-8.57	0.00	0.00	-20.00	26.87

Segment Leq : 26.87 dBA

Results segment # 3: Campeau Dr. (night)

Source height = 1.50 m

ROAD (0.00 + 38.68 + 0.00) = 38.68 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	60.88	0.00	-12.20	0.00	-10.00	0.00	0.00	38.68

Segment Leq : 38.68 dBA

Results segment # 4: Maritime Wy (night)

Source height = 1.50 m

ROAD (0.00 + 50.46 + 0.00) = 50.46 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.06	58.16	0.00	-4.52	-3.18	0.00	0.00	0.00	50.46

Segment Leq : 50.46 dBA

Results segment # 5: Hwy 417-9St (night)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	16.73	16.73

ROAD (0.00 + 45.61 + 0.00) = 45.61 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
40	90	0.00	76.81	0.00	-13.04	-5.56	0.00	0.00	-12.60	45.61

Segment Leq : 45.61 dBA

Results segment # 6: Kanata Ave 9 (night)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	21.50	7.78	7.78

ROAD (0.00 + 32.19 + 0.00) = 32.19 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
40	90	0.00	63.89	0.00	-8.45	-5.56	0.00	0.00	-17.69	32.19

Segment Leq : 32.19 dBA

Total Leq All Segments: 52.23 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 59.83
(NIGHT): 52.23

HOURLY SOUND LEVELS (2023) – REFERENCE FOR STATIONARY SOURCES

STAMSON 5.0 COMPREHENSIVE REPORT Date: 17-09-2021 59:35:17
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: loc1_ex.te Time Period: 8-9 AM
Description: Loc 1 - Ambient (2023)

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 82813/7201 veh/TimePeriod *
Medium truck volume : 6587/573 veh/TimePeriod *
Heavy truck volume : 4705/409 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 82400
Percentage of Annual Growth : 3.14
Number of Years of Growth : 7.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (day/night)

Angle1 Angle2 : 33.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 382.00 / 382.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 9010/783 veh/TimePeriod *
Medium truck volume : 120/10 veh/TimePeriod *
Heavy truck volume : 120/10 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 10055
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 1.30
Heavy Truck % of Total Volume : 1.30
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (day/night)

Angle1 Angle2 : -10.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 39.00 / 39.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 3: Campeau Dr. (day/night)

```
Car traffic volume  :  6111/531   veh/TimePeriod  *
Medium truck volume :   127/11    veh/TimePeriod  *
Heavy truck volume  :   127/11    veh/TimePeriod  *
Posted speed limit  :   100 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)
```

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

```
    24 hr Traffic Volume (AADT or SADT):   6919
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   2.00
    Heavy Truck  % of Total Volume     :   2.00
    Day (16 hrs) % of Total Volume     :  92.00
```

Data for Segment # 3: Campeau Dr. (day/night)

```
Angle1   Angle2           : -90.00 deg   70.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 292.00 / 292.00 m
Receiver height           :  30.00 / 4.50   m
Topography                :      1       (Flat/gentle slope; no barrier)
```

Segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 63.79 + 0.00) = 63.79 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
33	90	0.00	82.84	0.00	-14.06	-4.99	0.00	0.00	0.00	63.79

Segment Leq : 63.79 dBA

Segment # 2: Kanata Ave (day)

Source height = 1.07 m

ROAD (0.00 + 55.98 + 0.00) = 55.98 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-10	90	0.00	62.68	0.00	-4.15	-2.55	0.00	0.00	0.00	55.98

Segment Leq : 55.98 dBA

Segment # 3: Campeau Dr. (day)

Source height = 1.19 m

ROAD (0.00 + 55.38 + 0.00) = 55.38 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	68.78	0.00	-12.89	-0.51	0.00	0.00	0.00	55.38

Segment Leq : 55.38 dBA

Total Leq All Segments: 64.96 dBA

TOTAL Leq FROM ALL SOURCES: 64.96

STAMSON 5.0 COMPREHENSIVE REPORT Date: 17-09-2021 59:35:29
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: loc2_ex.te Time Period: 8-9 AM
Description: Loc 2 - Ambient (2023)

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 82813/7201 veh/TimePeriod *
Medium truck volume : 6587/573 veh/TimePeriod *
Heavy truck volume : 4705/409 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 82400
Percentage of Annual Growth : 3.14
Number of Years of Growth : 7.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (day/night)

Angle1 Angle2 : -60.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 360.00 / 360.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 9010/783 veh/TimePeriod *
Medium truck volume : 120/10 veh/TimePeriod *
Heavy truck volume : 120/10 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 10055
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 1.30
Heavy Truck % of Total Volume : 1.30
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (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 / 30.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 68.25 + 0.00) = 68.25 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-60	90	0.00	82.84	0.00	-13.80	-0.79	0.00	0.00	0.00	68.25

Segment Leq : 68.25 dBA

Segment # 2: Kanata Ave (day)

Source height = 1.07 m

ROAD (0.00 + 61.65 + 0.00) = 61.65 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	62.68	0.00	-1.03	0.00	0.00	0.00	0.00	61.65

Segment Leq : 61.65 dBA

Total Leq All Segments: 69.11 dBA

TOTAL Leq FROM ALL SOURCES: 69.11

STAMSON 5.0 COMPREHENSIVE REPORT Date: 17-09-2021 59:35:41
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: loc3ex.te Time Period: Day/Night 16/8 hours
Description: Loc 3 - Ambient (2023)

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 82813/7201 veh/TimePeriod *
Medium truck volume : 6587/573 veh/TimePeriod *
Heavy truck volume : 4705/409 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 82400
Percentage of Annual Growth : 3.14
Number of Years of Growth : 7.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (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 : 360.00 / 360.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 9010/783 veh/TimePeriod *
Medium truck volume : 120/10 veh/TimePeriod *
Heavy truck volume : 120/10 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 10055
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 1.30
Heavy Truck % of Total Volume : 1.30
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (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 : 20.00 / 30.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 69.04 + 0.00) = 69.04 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	82.84	0.00	-13.80	0.00	0.00	0.00	0.00	69.04

Segment Leq : 69.04 dBA

Segment # 2: Kanata Ave (day)

Source height = 1.07 m

ROAD (0.00 + 61.43 + 0.00) = 61.43 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	62.68	0.00	-1.25	0.00	0.00	0.00	0.00	61.43

Segment Leq : 61.43 dBA

Total Leq All Segments: 69.73 dBA

TOTAL Leq FROM ALL SOURCES: 69.73

STAMSON 5.0 COMPREHENSIVE REPORT Date: 17-09-2021 59:35:55
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: loc4ex.te Time Period: Day/Night 16/8 hours
Description: Loc 4 - Ambient (2023)

Road data, segment # 1: Hwy 417 (day/night)

Car traffic volume : 82813/7201 veh/TimePeriod *
Medium truck volume : 6587/573 veh/TimePeriod *
Heavy truck volume : 4705/409 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 82400
Percentage of Annual Growth : 3.14
Number of Years of Growth : 7.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 (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 : 360.00 / 360.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave (day/night)

Car traffic volume : 9010/783 veh/TimePeriod *
Medium truck volume : 120/10 veh/TimePeriod *
Heavy truck volume : 120/10 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 10055
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 1.30
Heavy Truck % of Total Volume : 1.30
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave (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 : 20.00 / 30.00 m
Receiver height : 30.00 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 69.04 + 0.00) = 69.04 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	82.84	0.00	-13.80	0.00	0.00	0.00	0.00	69.04

Segment Leq : 69.04 dBA

Segment # 2: Kanata Ave (day)

Source height = 1.07 m

ROAD (0.00 + 61.43 + 0.00) = 61.43 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.00	62.68	0.00	-1.25	0.00	0.00	0.00	0.00	61.43

Segment Leq : 61.43 dBA

Total Leq All Segments: 69.73 dBA

TOTAL Leq FROM ALL SOURCES: 69.73

STAMSON 5.0 NORMAL REPORT Date: 23-09-2021 36:44:28
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola_p1.te Time Period: Day/Night 16/8 hours
Description: Rooftop OLA - 0.75m high parapet at south edge (Part 1)

Road data, segment # 1: Hwy 417 E (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 E (day/night)

Angle1 Angle2 : -85.00 deg 70.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 320.00 / 320.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -85.00 deg Angle2 : 70.00 deg
Barrier height : 0.75 m
Barrier receiver distance : 15.00 / 15.00 m
Source elevation : 0.00 m
Receiver elevation : 22.48 m
Barrier elevation : 22.48 m

Road data, segment # 2: Kanata Ave E (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave E (day/night)

Angle1 Angle2 : -90.00 deg 70.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 45.00 / 45.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 70.00 deg
Barrier height : 0.75 m
Barrier receiver distance : 15.00 / 15.00 m
Source elevation : 0.00 m
Receiver elevation : 22.48 m
Barrier elevation : 22.48 m

Road data, segment # 3: Maritime Wy (day/night)

Car traffic volume : 6477/563 veh/TimePeriod *
Medium truck volume : 515/45 veh/TimePeriod *
Heavy truck volume : 368/32 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 8000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 3: Maritime Wy (day/night)

Angle1 Angle2 : -50.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 45.00 / 45.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -50.00 deg Angle2 : 90.00 deg
Barrier height : 0.75 m
Barrier receiver distance : 15.00 / 15.00 m
Source elevation : 0.00 m
Receiver elevation : 22.48 m
Barrier elevation : 22.48 m

```
Road data, segment # 4: Hwy 417 W (day/night)
----------------------------------------------
Car traffic volume  : 118739/10325 veh/TimePeriod  *
Medium truck volume :  9445/821   veh/TimePeriod  *
Heavy truck volume  :  6747/587   veh/TimePeriod  *
Posted speed limit  :   100 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT): 146664
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00

Data for Segment # 4: Hwy 417 W (day/night)
-------------------------------------------
Angle1   Angle2           :  70.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 320.00 / 320.00 m
Receiver height           :   1.50 / 1.50   m
Topography                :      2       (Flat/gentle slope; with barrier)
Barrier angle1            :  70.00 deg   Angle2 : 90.00 deg
Barrier height            :  28.48 m
Barrier receiver distance :  15.00 / 15.00  m
Source elevation          :   0.00 m
Receiver elevation        :  25.48 m
Barrier elevation         :   0.00 m

Road data, segment # 5: Kanata Ave W (day/night)
------------------------------------------------
Car traffic volume  : 24288/2112  veh/TimePeriod  *
Medium truck volume :  1932/168   veh/TimePeriod  *
Heavy truck volume  :  1380/120   veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  30000
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00
```

Data for Segment # 5: Kanata Ave W (day/night)

Angle1 Angle2	:	70.00 deg	90.00 deg
Wood depth	:	0	(No woods.)
No of house rows	:	0 / 0	
Surface	:	2	(Reflective ground surface)
Receiver source distance	:	45.00 / 45.00	m
Receiver height	:	1.50 / 1.50	m
Topography	:	2	(Flat/gentle slope; with barrier)
Barrier angle1	:	70.00 deg	Angle2 : 90.00 deg
Barrier height	:	28.48 m	
Barrier receiver distance	:	15.00 / 15.00	m
Source elevation	:	0.00 m	
Receiver elevation	:	22.48 m	
Barrier elevation	:	0.00 m	

Results segment # 1: Hwy 417 E (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	0.45	22.93

ROAD (0.00 + 65.35 + 0.00) = 65.35 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-85	70	0.00	84.41	0.00	-13.29	-0.65	0.00	0.00	-5.12	65.35

Segment Leq : 65.35 dBA

Results segment # 2: Kanata Ave E (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	-5.99	16.49

ROAD (0.00 + 49.66 + 0.00) = 49.66 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	71.49	0.00	-4.77	-0.51	0.00	0.00	-16.54	49.66

Segment Leq : 49.66 dBA

Results segment # 3: Maritime Wy (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	-5.99	16.49

ROAD (0.00 + 39.47 + 0.00) = 39.47 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-50	90	0.62	65.75	0.00	-7.71	-2.08	0.00	0.00	-16.49	39.47

Segment Leq : 39.47 dBA

Results segment # 4: Hwy 417 W (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	25.79	25.79

ROAD (0.00 + 54.80 + 0.00) = 54.80 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
70	90	0.00	84.41	0.00	-13.29	-9.54	0.00	0.00	-6.77	54.80

Segment Leq : 54.80 dBA

Results segment # 5: Kanata Ave W (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	16.49	16.49

ROAD (0.00 + 42.61 + 0.00) = 42.61 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
70	90	0.00	71.49	0.00	-4.77	-9.54	0.00	0.00	-14.57	42.61

Segment Leq : 42.61 dBA

Total Leq All Segments: 65.85 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 65.85 (Part 1 of double barrier Effect)

STAMSON 5.0 NORMAL REPORT Date: 23-09-2021 36:55:57
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola_p2.te Time Period: Day/Night 16/8 hours
Description: Rooftop OLA - No barrier at Terrace with South Parapet as new source (Part 2)

Road data, segment # 1: Hwy 417 E (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 E (day/night)

Angle1 Angle2 : -85.00 deg 70.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 15.00 / 15.00 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 2: Kanata Ave E (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 2: Kanata Ave E (day/night)

Angle1 Angle2 : -90.00 deg 70.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 15.00 / 15.00 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Road data, segment # 3: Hwy 417 W (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 3: Hwy 417 W (day/night)

Angle1 Angle2 : 70.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 22.00 / 22.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : 70.00 deg Angle2 : 90.00 deg
Barrier height : 28.48 m
Barrier receiver distance : 15.00 / 15.00 m
Source elevation : 25.48 m
Receiver elevation : 22.48 m
Barrier elevation : 0.00 m

Results segment # 1: Hwy 417 E (day)

Source height = 1.50 m

ROAD (0.00 + 83.76 + 0.00) = 83.76 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-85	70	0.00	84.41	0.00	0.00	-0.65	0.00	0.00	0.00	83.76

Segment Leq : 83.76 dBA

Results segment # 2: Kanata Ave E (day)

Source height = 1.50 m

ROAD (0.00 + 70.98 + 0.00) = 70.98 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	71.49	0.00	0.00	-0.51	0.00	0.00	0.00	70.98

Segment Leq : 70.98 dBA

Results segment # 3: Hwy 417 W (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	26.02	26.02

ROAD (0.00 + 64.86 + 0.00) = 64.86 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
70	90	0.00	84.41	0.00	-1.66	-9.54	0.00	0.00	-8.34	64.86

Segment Leq : 64.86 dBA

Total Leq All Segments: 84.04 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 84.04

STAMSON 5.0 NORMAL REPORT Date: 23-09-2021 36:49:54
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola_p2.te Time Period: Day/Night 16/8 hours
Description: Rooftop OLA - 1.8m high barrier at Terrace - South Parapet treated as new 2nd source (Part 3)

Road data, segment # 1: Hwy 417 E (day/night)

Car traffic volume : 118739/10325 veh/TimePeriod *
Medium truck volume : 9445/821 veh/TimePeriod *
Heavy truck volume : 6747/587 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 146664
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Hwy 417 E (day/night)

Angle1 Angle2 : -85.00 deg 70.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 15.00 / 15.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -85.00 deg Angle2 : 70.00 deg
Barrier height : 1.80 m
Barrier receiver distance : 5.00 / 5.00 m
Source elevation : 21.73 m
Receiver elevation : 22.48 m
Barrier elevation : 22.48 m

Road data, segment # 2: Kanata Ave E (day/night)

Car traffic volume : 24288/2112 veh/TimePeriod *
Medium truck volume : 1932/168 veh/TimePeriod *
Heavy truck volume : 1380/120 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 30000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

```
Data for Segment # 2: Kanata Ave E (day/night)
----------------------------------------------
Angle1   Angle2           : -90.00 deg   70.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  15.00 / 15.00  m
Receiver height           :   1.50 / 1.50   m
Topography                :      2       (Flat/gentle slope; with barrier)
Barrier angle1            : -90.00 deg   Angle2 : 70.00 deg
Barrier height            :   1.80 m
Barrier receiver distance :   5.00 / 5.00   m
Source elevation          :  21.73 m
Receiver elevation        :  22.48 m
Barrier elevation         :  22.48 m

Road data, segment # 3: Hwy 417 W (day/night)
---------------------------------------------
Car traffic volume  : 118739/10325 veh/TimePeriod  *
Medium truck volume :  9445/821   veh/TimePeriod  *
Heavy truck volume  :  6747/587   veh/TimePeriod  *
Posted speed limit  :   100 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT): 146664
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   7.00
    Heavy Truck  % of Total Volume     :   5.00
    Day (16 hrs) % of Total Volume     :  92.00

Data for Segment # 3: Hwy 417 W (day/night)
-------------------------------------------
Angle1   Angle2           :  70.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  22.00 / 22.00  m
Receiver height           :   1.50 / 1.50   m
Topography                :      2       (Flat/gentle slope; with barrier)
Barrier angle1            :  70.00 deg   Angle2 : 90.00 deg
Barrier height            :  28.48 m
Barrier receiver distance :  15.00 / 15.00  m
Source elevation          :  25.48 m
Receiver elevation        :  22.48 m
Barrier elevation         :   0.00 m
```

Results segment # 1: Hwy 417 E (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	1.25	23.73

ROAD (0.00 + 77.29 + 0.00) = 77.29 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-85	70	0.00	84.41	0.00	0.00	-0.65	0.00	0.00	-6.47	77.29

Segment Leq : 77.29 dBA

Results segment # 2: Kanata Ave E (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	1.25	23.73

ROAD (0.00 + 64.56 + 0.00) = 64.56 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	70	0.00	71.49	0.00	0.00	-0.51	0.00	0.00	-6.42	64.56

Segment Leq : 64.56 dBA

Results segment # 3: Hwy 417 W (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.50	1.50	26.02	26.02

ROAD (0.00 + 64.86 + 0.00) = 64.86 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
70	90	0.00	84.41	0.00	-1.66	-9.54	0.00	0.00	-8.34	64.86

Segment Leq : 64.86 dBA

Total Leq All Segments: 77.75 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 77.75

Summary:

Sound level at Terrace from South Parapet as Barrier: 65.85 dBA Day

Sound level at terrace with South Parapet as new source:
No Barrier: 84.04 dBA Day
Sound level at terrace with South Parapet as new source:
With 1.8m Barrier: 77.75 dBA Day

Insertion Loss: 6.29 dB

Net Sound Level at Terrace with 1.8m high barrier at terrace:

65.85-6.29 = 59.56 dBA Day

OFF-SITE STATIONARY SOURCES – IMPULSE NOISE

DAYTIME - OFFSITE IMPULSE SOUND LEVEL (UNLOADING)

Receiver
Name: R1 - NW
ID: R1
X: 18428878.43 m
Y: 5018080.50 m
Z: 27.00 m

Point Source, ISO 9613, Name: "WAlmart - Unloading", ID: "WAL_IMP"																				
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)
1	18428504.33	5017955.73	2.00	0	DEN	500	106.0	0.0	0.0	0.0	0.0	62.9	0.8	-0.3	0.0	0.0	18.6	0.0	0.0	23.9

Point Source, ISO 9613, Name: "Golf Town Unloading", ID: "GT_IMP"																				
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)
2	18428786.41	5017858.07	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	58.7	0.5	-2.2	0.0	0.0	4.6	0.0	0.0	37.5
3	18428786.41	5017858.07	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	61.1	0.6	-2.1	0.0	0.0	0.0	0.0	1.0	38.5
5	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	61.3	0.6	-2.1	0.0	0.0	12.7	0.0	2.0	24.5
6	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	61.6	0.7	-2.2	0.0	0.0	0.0	0.0	2.0	36.9

Point Source, ISO 9613, Name: "Best Buy Unloading", ID: "BB_IMP"																				
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)
10	18428659.43	5017889.80	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	60.3	0.6	-2.1	0.0	0.0	18.4	0.0	0.0	21.9
14	18428659.43	5017889.80	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	60.3	0.6	-2.1	0.0	0.0	20.0	0.0	1.0	19.2

Point Source, ISO 9613, Name: "Unloading", ID: "BBQ_IMP"																				
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)
18	18428673.61	5017845.73	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	60.9	0.6	-2.2	0.0	0.0	19.2	0.0	0.0	20.4
26	18428673.61	5017845.73	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	61.1	0.6	-2.2	0.0	0.0	18.3	0.0	1.0	20.2
28	18428673.61	5017845.73	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	62.5	0.7	-2.2	0.0	0.0	12.5	0.0	2.0	23.5
30	18428673.61	5017845.73	2.00	3	D	500	99.0	0.0	0.0	0.0	0.0	62.6	0.7	-2.2	0.0	0.0	12.2	0.0	3.0	22.7

Point Source, ISO 9613, Name: "Active Sports - Unloading", ID: "AS_IMP"																				
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)
34	18428325.81	5018001.34	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	65.9	1.1	-1.5	0.0	0.0	2.0	0.0	0.0	31.4
38	18428325.81	5018001.34	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	66.1	1.1	-2.4	0.0	0.0	14.3	0.0	1.0	18.8

Receiver
Name: R2 - SW
ID: R2
X: 18428889.70 m
Y: 5018063.18 m
Z: 27.00 m

Point Source, ISO 9613, Name: "WAlmart - Unloading", ID: "WAL_IMP"																				
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)
4	18428504.33	5017955.73	2.00	0	DEN	500	106.0	0.0	0.0	0.0	0.0	63.1	0.8	-0.1	0.0	0.0	12.8	0.0	0.0	29.4

Point Source, ISO 9613, Name: "Golf Town Unloading", ID: "GT_IMP"																				
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)
7	18428786.41	5017858.07	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	58.3	0.4	-2.2	0.0	0.0	6.5	0.0	0.0	36.0
9	18428786.41	5017858.07	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	61.0	0.6	-2.2	0.0	0.0	0.0	0.0	1.0	38.7
11	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	61.2	0.6	-2.2	0.0	0.0	0.0	0.0	2.0	37.3
13	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	61.5	0.6	-2.2	0.0	0.0	0.0	0.0	2.0	37.1

Point Source, ISO 9613, Name: "Best Buy Unloading", ID: "BB_IMP"																				
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)
25	18428659.43	5017889.80	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	60.2	0.6	-2.1	0.0	0.0	18.6	0.0	0.0	21.7
31	18428659.43	5017889.80	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	60.3	0.6	-2.1	0.0	0.0	20.0	0.0	1.0	19.3

Point Source, ISO 9613, Name: "Unloading", ID: "BBQ_IMP"																				
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)
37	18428673.61	5017845.73	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	60.8	0.6	-2.2	0.0	0.0	18.8	0.0	0.0	21.1
44	18428673.61	5017845.73	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	60.9	0.6	-2.2	0.0	0.0	17.8	0.0	1.0	20.9
46	18428673.61	5017845.73	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	62.4	0.7	-2.3	0.0	0.0	11.9	0.0	2.0	24.3
50	18428673.61	5017845.73	2.00	3	D	500	99.0	0.0	0.0	0.0	0.0	62.5	0.7	-2.3	0.0	0.0	11.6	0.0	3.0	23.4

Point Source, ISO 9613, Name: "Active Sports - Unloading", ID: "AS_IMP"																				
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)
55	18428325.81	5018001.34	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	66.1	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	33.6
58	18428325.81	5018001.34	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	66.2	1.1	-2.4	0.0	0.0	8.8	0.0	1.0	24.2

Receiver
Name: R3 - SE
ID: R3
X: 18428987.81 m
Y: 5018071.82 m
Z: 21.10 m

Point Source, ISO 9613, Name: "WAlmart - Unloading", ID: "WAL_IMP"																				
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)
8	18428504.33	5017955.73	2.00	0	DEN	500	106.0	0.0	0.0	0.0	0.0	64.9	1.0	-0.1	0.0	0.0	13.1	0.0	0.0	27.0

Point Source, ISO 9613, Name: "Golf Town Unloading", ID: "GT_IMP"																				
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)
15	18428786.41	5017858.07	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	60.4	0.6	-2.3	0.0	0.0	10.9	0.0	0.0	29.5
17	18428786.41	5017858.07	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	63.0	0.8	-2.1	0.0	0.0	7.5	0.0	1.0	29.0
19	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	63.3	0.8	-2.1	0.0	0.0	9.7	0.0	2.0	25.4
21	18428786.41	5017858.07	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	61.1	0.6	-2.3	0.0	0.0	0.0	0.0	1.0	38.6
24	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	61.2	0.6	-2.3	0.0	0.0	4.8	0.0	2.0	32.7

Point Source, ISO 9613, Name: "Best Buy Unloading", ID: "BB_IMP"																				
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)
27	18428659.43	5017889.80	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	62.5	0.7	-2.1	0.0	0.0	22.0	0.0	0.0	15.8
32	18428659.43	5017889.80	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	62.5	0.7	-2.1	0.0	0.0	25.0	0.0	1.0	11.9

Point Source, ISO 9613, Name: "Unloading", ID: "BBQ_IMP"																				
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)
40	18428673.61	5017845.73	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	62.8	0.7	-2.1	0.0	0.0	24.6	0.0	0.0	13.0
45	18428673.61	5017845.73	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	62.9	0.8	-2.1	0.0	0.0	25.0	0.0	1.0	11.5
48	18428673.61	5017845.73	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	64.1	0.9	-2.2	0.0	0.0	19.3	0.0	2.0	15.0
51	18428673.61	5017845.73	2.00	3	D	500	99.0	0.0	0.0	0.0	0.0	64.2	0.9	-2.2	0.0	0.0	18.5	0.0	3.0	14.7

Point Source, ISO 9613, Name: "Active Sports - Unloading", ID: "AS_IMP"																				
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)
53	18428325.81	5018001.34	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	67.5	1.3	-1.8	0.0	0.0	0.0	0.0	0.0	32.1
56	18428325.81	5018001.34	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	67.6	1.3	-2.4	0.0	0.0	8.8	0.0	1.0	22.7

Receiver
Name: R4 - NE
ID: R4
X: 18429028.14 m
Y: 5018103.03 m
Z: 21.10 m

Point Source, ISO 9613, Name: "WAlmart - Unloading", ID: "WAL_IMP"																				
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)
12	18428504.33	5017955.73	2.00	0	DEN	500	106.0	0.0	0.0	0.0	0.0	65.7	1.0	-0.3	0.0	0.0	25.0	0.0	0.0	14.5

Point Source, ISO 9613, Name: "Golf Town Unloading", ID: "GT_IMP"																				
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)
16	18428786.41	5017858.07	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	61.7	0.7	-2.3	0.0	0.0	22.5	0.0	0.0	16.4
20	18428786.41	5017858.07	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	64.0	0.9	-2.2	0.0	0.0	21.7	0.0	1.0	13.6
22	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	64.3	0.9	-2.1	0.0	0.0	23.4	0.0	2.0	10.5
29	18428786.41	5017858.07	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	62.4	0.7	-2.3	0.0	0.0	16.4	0.0	1.0	20.8
35	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	62.4	0.7	-2.3	0.0	0.0	20.9	0.0	2.0	15.3

Point Source, ISO 9613, Name: "Best Buy Unloading", ID: "BB_IMP"																				
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)
39	18428659.43	5017889.80	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	63.6	0.8	-2.1	0.0	0.0	24.6	0.0	0.0	12.1
42	18428659.43	5017889.80	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	63.6	0.8	-2.1	0.0	0.0	25.0	0.0	1.0	10.7

Point Source, ISO 9613, Name: "Unloading", ID: "BBQ_IMP"																				
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)
49	18428673.61	5017845.73	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	63.8	0.8	-2.2	0.0	0.0	25.0	0.0	0.0	11.5
57	18428673.61	5017845.73	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	63.9	0.9	-2.2	0.0	0.0	25.0	0.0	1.0	10.4

Receiver
Name: R5 - NE
ID: R5
X: 18429037.40 m
Y: 5018152.85 m
Z: 27.00 m

Point Source, ISO 9613, Name: "WAlmart - Unloading", ID: "WAL_IMP"																				
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)
23	18428504.33	5017955.73	2.00	0	DEN	500	106.0	0.0	0.0	0.0	0.0	66.1	1.1	-0.3	0.0	0.0	21.9	0.0	0.0	17.2

Point Source, ISO 9613, Name: "Golf Town Unloading", ID: "GT_IMP"																				
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)
33	18428786.41	5017858.07	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	62.8	0.7	-2.3	0.0	0.0	23.1	0.0	0.0	14.7
36	18428786.41	5017858.07	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	64.7	0.9	-2.2	0.0	0.0	22.3	0.0	1.0	12.4
41	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	65.0	1.0	-2.2	0.0	0.0	21.8	0.0	2.0	11.4
43	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	65.0	1.0	-2.3	0.0	0.0	22.8	0.0	2.0	10.5
47	18428786.41	5017858.07	2.00	2	D	500	99.0	0.0	0.0	0.0	0.0	63.4	0.8	-2.4	0.0	0.0	21.8	0.0	2.0	13.3

Point Source, ISO 9613, Name: "Best Buy Unloading", ID: "BB_IMP"																				
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)
52	18428659.43	5017889.80	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	64.3	0.9	-2.2	0.0	0.0	23.9	0.0	0.0	12.2
54	18428659.43	5017889.80	2.00	1	D	500	99.0	0.0	0.0	0.0	0.0	64.3	0.9	-2.2	0.0	0.0	25.0	0.0	1.0	10.0

Point Source, ISO 9613, Name: "Unloading", ID: "BBQ_IMP"																				
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	18428673.61	5017845.73	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	64.6	0.9	-2.2	0.0	0.0	25.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "Active Sports - Unloading", ID: "AS_IMP"																				
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)
67	18428325.81	5018001.34	2.00	0	D	500	99.0	0.0	0.0	0.0	0.0	68.2	1.4	-1.4	0.0	0.0	17.6	0.0	0.0	13.1

OFF-SITE STATIONARY SOURCES – MECHANCIAL - DAYTIME

Receiver
Name: R1 - NW
ID: R1
X: 18428878.43 m
Y: 5018080.50 m
Z: 27.00 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
12	18429084.46	5018114.25	25.32	0	D	500	95.0	0.0	0.0	0.0	0.0	57.4	0.4	-2.7	0.0	0.0	13.6	0.0	0.0	26.3

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
15	18428897.28	5017970.44	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	52.1	0.2	-2.0	0.0	0.0	5.0	0.0	0.0	28.7

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
20	18428892.54	5017969.58	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	52.1	0.2	-1.9	0.0	0.0	4.5	0.0	0.0	29.1

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
27	18428894.25	5017964.34	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	52.5	0.2	-2.0	0.0	0.0	4.6	0.0	0.0	28.7

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
34	18428737.08	5017746.25	13.28	0	D	A	96.0	0.0	0.0	0.0	-2.1	62.2	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	32.8

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
39	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.1	62.4	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	31.6

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
46	18428897.74	5017977.65	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	51.6	0.2	-2.0	0.0	0.0	5.2	0.0	0.0	30.0

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
54	18428906.84	5017971.92	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	52.1	0.2	-2.1	0.0	0.0	6.6	0.0	0.0	28.1

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
61	18428907.15	5017970.27	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	52.3	0.2	-2.1	0.0	0.0	6.5	0.0	0.0	28.0

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
66	18428902.51	5017967.43	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	52.4	0.2	-2.0	0.0	0.0	5.6	0.0	0.0	25.8

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
72	18428740.63	5017731.08	13.28	0	D	A	95.0	0.0	0.0	0.0	-2.1	62.5	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	31.5

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
76	18428898.84	5017963.19	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	52.6	0.2	-2.0	0.0	0.0	5.0	0.0	0.0	26.1

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
82	18428689.10	5017741.69	13.28	0	D	A	93.8	0.0	0.0	0.0	-2.0	62.8	1.3	-2.3	0.0	0.0	3.2	0.0	0.0	26.9

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
89	18428689.53	5017736.56	13.28	0	D	A	93.8	0.0	0.0	0.0	-2.1	62.9	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	29.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
93	18429022.86	5017913.85	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	14.2	0.0	0.0	14.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
95	18429002.54	5017897.34	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	12.9	0.0	0.0	16.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
100	18428841.91	5017858.93	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	28.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
106	18428821.02	5017862.97	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	28.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
112	18429027.70	5017900.64	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.4	0.5	-2.3	0.0	0.0	14.0	0.0	0.0	14.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
116	18429006.30	5017883.63	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.4	0.5	-2.3	0.0	0.0	12.6	0.0	0.0	15.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
123	18428699.54	5017907.54	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.9	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	27.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
130	18428805.03	5017838.98	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	27.6
135	18428805.03	5017838.98	7.50	1	D	500	88.0	0.0	0.0	0.0	-3.0	61.8	0.7	-2.3	0.0	0.0	0.0	0.0	1.0	23.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
139	18428702.65	5017890.37	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.3	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	27.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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	18428681.78	5017905.82	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.4	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	26.9

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
148	18428682.91	5017888.38	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.8	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	26.5

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
153	18428900.89	5017974.32	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	51.9	0.2	-2.0	0.0	0.0	5.6	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
160	18428900.89	5017972.84	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	52.0	0.2	-2.0	0.0	0.0	5.5	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
165	18428901.09	5017971.24	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	52.1	0.2	-2.1	0.0	0.0	5.5	0.0	0.0	24.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
170	18428887.23	5017932.10	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.5	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	25.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
176	18428705.31	5017834.86	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	25.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
181	18428904.88	5017932.82	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.6	0.3	-2.1	0.0	0.0	5.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
189	18428887.32	5017929.83	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.6	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	25.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
197	18428848.06	5017929.37	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.8	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	25.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
209	18428680.43	5017833.35	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	25.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
213	18428848.36	5017924.98	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.1	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	25.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
218	18428888.39	5017919.08	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.2	0.3	-1.8	0.0	0.0	0.0	0.0	0.0	25.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
225	18428899.50	5017919.53	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.3	0.3	-2.2	0.0	0.0	4.4	0.0	0.0	21.1

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
232	18428848.85	5017920.82	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.3	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	25.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
239	18428903.02	5017919.63	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.3	0.3	-2.2	0.0	0.0	4.7	0.0	0.0	20.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
244	18428649.23	5017844.82	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.3	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	25.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
252	18428934.56	5017851.58	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	6.2	0.0	0.0	19.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
254	18428951.37	5017855.48	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	7.8	0.0	0.0	17.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
257	18428633.96	5017850.56	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.5	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	24.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
260	18428980.36	5017866.39	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	10.4	0.0	0.0	14.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
263	18428849.44	5017914.86	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.6	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	25.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
269	18428987.32	5017867.93	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.4	0.0	0.0	11.0	0.0	0.0	14.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
273	18428958.04	5017847.06	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.4	0.0	0.0	8.1	0.0	0.0	16.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
276	18428850.16	5017907.54	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	24.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
283	18428597.68	5017859.88	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.1	0.0	0.0	6.9	0.0	0.0	17.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
288	18428937.81	5017832.61	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.4	0.0	0.0	6.1	0.0	0.0	18.7

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
292	18428594.74	5017851.35	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.2	0.0	0.0	8.3	0.0	0.0	15.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
298	18428487.28	5017933.30	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.4	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	21.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
305	18428841.16	5017869.82	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
312	18428986.72	5017891.71	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.3	0.0	0.0	11.8	0.0	0.0	11.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
316	18428464.74	5017941.84	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.8	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
319	18428474.08	5017916.23	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.8	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
322	18428471.35	5017890.96	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.1	0.9	-1.6	0.0	0.0	0.0	0.0	0.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
324	18428442.21	5017950.92	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.2	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	21.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
328	18428446.65	5017926.79	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.2	0.9	-1.3	0.0	0.0	0.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
332	18428907.27	5017853.20	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.2	0.4	-2.3	0.0	0.0	4.3	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
336	18428448.70	5017899.84	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.4	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
345	18428712.09	5017913.91	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.4	0.5	-1.7	0.0	0.0	0.0	0.0	0.0	21.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
348	18428419.44	5017959.12	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.7	0.0	0.0	0.3	0.0	0.0	21.0

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
351	18428418.19	5017937.27	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	20.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
356	18428700.89	5017915.62	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
359	18428823.59	5017845.15	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	21.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
361	18428426.61	5017907.92	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	20.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
365	18428897.42	5017838.66	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	21.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
367	18428920.82	5017840.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.3	0.0	0.0	5.0	0.0	0.0	17.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
372	18428409.20	5017914.50	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.9	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	20.7

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
377	18428388.47	5017971.04	9.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
379	18428808.10	5017838.41	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	21.6
382	18428808.10	5017838.41	7.50	1	D	500	82.0	0.0	0.0	0.0	-3.0	61.8	0.7	-2.3	0.0	0.0	0.0	0.0	1.0	17.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
384	18428717.47	5017884.86	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	21.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
387	18428795.27	5017840.20	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	21.6
392	18428795.27	5017840.20	7.50	1	D	500	82.0	0.0	0.0	0.0	-3.0	61.5	0.6	-2.3	0.0	0.0	0.0	0.0	1.0	18.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
395	18428381.42	5017951.61	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.2	1.0	-1.8	0.0	0.0	1.8	0.0	0.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
397	18428760.28	5017852.11	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	21.4

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
401	18428582.19	5017867.77	7.50	0	D	500	85.0	0.0	0.0	0.0	0.0	62.3	0.7	-2.0	0.0	0.0	0.0	0.0	0.0	24.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
405	18428789.53	5017837.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	21.5
408	18428789.53	5017837.33	7.50	1	D	500	82.0	0.0	0.0	0.0	-3.0	61.5	0.6	-2.3	0.0	0.0	0.0	0.0	1.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
415	18428581.98	5017862.54	7.50	0	D	500	85.0	0.0	0.0	0.0	0.0	62.3	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	24.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
418	18428760.49	5017848.59	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
422	18428899.14	5017819.42	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
429	18428922.00	5017821.49	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.4	0.0	0.0	4.9	0.0	0.0	16.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
431	18428793.12	5017831.81	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	21.3
433	18428793.12	5017831.81	7.50	1	D	500	82.0	0.0	0.0	0.0	-3.0	61.6	0.7	-2.4	0.0	0.0	0.0	0.0	1.0	18.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
438	18428778.92	5017836.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
446	18428372.77	5017928.50	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.5	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
450	18428347.08	5017971.30	8.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.7	1.0	-2.2	0.0	0.0	0.0	0.0	0.0	20.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
452	18428761.92	5017834.39	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	20.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
461	18428668.05	5017905.95	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
466	18428935.28	5017811.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.8	0.5	-2.5	0.0	0.0	5.5	0.0	0.0	15.6

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
468	18428761.92	5017830.74	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.8	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	20.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
472	18428666.47	5017900.99	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.9	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	20.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
476	18428331.95	5017976.53	8.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.9	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	20.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
478	18428713.70	5017855.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.9	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
482	18428923.71	5017802.88	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.0	0.5	-2.5	0.0	0.0	4.8	0.0	0.0	16.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
485	18428901.04	5017798.82	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.0	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	20.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
491	18428669.77	5017885.85	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.1	0.6	-1.9	0.0	0.0	0.0	0.0	0.0	20.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
496	18428703.59	5017854.07	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.1	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	20.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
502	18428716.57	5017819.80	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.7	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
506	18428719.43	5017816.50	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	19.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
511	18428706.38	5017824.46	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
516	18428707.75	5017819.37	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	19.7

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
520	18428528.25	5017929.79	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	62.6	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	22.5

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
522	18428519.11	5017933.44	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	62.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	21.8
524	18428519.11	5017933.44	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	63.2	0.8	-1.3	0.0	0.0	0.0	0.0	1.0	21.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
530	18428669.67	5017836.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
535	18428694.91	5017815.86	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.3

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
544	18428523.30	5017912.73	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.1	0.9	-1.7	0.0	0.0	5.4	0.0	2.0	14.7
546	18428523.30	5017912.73	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	0.0	0.0	2.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
551	18428662.50	5017838.66	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
557	18428685.52	5017819.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.3

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
563	18428511.17	5017936.62	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	62.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	21.6
566	18428511.17	5017936.62	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	63.0	0.8	-0.4	0.0	0.0	0.0	0.0	1.0	21.1

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
577	18428517.80	5017914.70	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.1	0.9	-1.7	0.0	0.0	5.2	0.0	2.0	15.0
579	18428517.80	5017914.70	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.1	0.9	-1.7	0.0	0.0	0.0	0.0	2.0	20.2

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
586	18428513.56	5017916.22	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.0	0.9	-1.7	0.0	0.0	4.9	0.0	2.0	15.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
588	18428591.15	5017861.68	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.2	0.7	-2.1	0.0	0.0	3.8	0.0	0.0	14.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
596	18428520.21	5017922.90	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.9	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	16.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
599	18428701.29	5017812.92	24.50	0	D	500	80.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	17.4

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
605	18428505.53	5017920.40	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	16.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
608	18428490.70	5017948.19	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.3	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	16.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
612	18428468.84	5017956.84	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.6	0.8	-1.4	0.0	0.0	0.0	0.0	0.0	16.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
614	18428494.60	5017884.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.7	0.8	-1.7	0.0	0.0	0.0	0.0	0.0	16.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
619	18428448.92	5017962.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.0	0.9	-1.6	0.0	0.0	0.7	0.0	0.0	15.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
622	18428435.83	5017963.44	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.2	0.9	-1.7	0.0	0.0	0.5	0.0	0.0	15.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
626	18428429.46	5017974.03	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.3	0.9	-2.0	0.0	0.0	0.0	0.0	0.0	15.9

Point Source, ISO 9613, Name: "HVAC-Walmart ", ID: "COMM10"																				
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)
632	18428450.57	5017888.05	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.4	0.9	-1.7	0.0	0.0	0.0	0.0	0.0	15.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
634	18428421.15	5017969.02	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.9	0.0	0.0	0.0	0.0	0.0	15.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
637	18428412.04	5017972.32	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.6	0.9	-2.0	0.0	0.0	0.0	0.0	0.0	15.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
640	18428401.12	5017976.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.8	0.9	-2.1	0.0	0.0	0.0	0.0	0.0	15.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
646	18428398.38	5017979.15	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.8	0.9	-2.2	0.0	0.0	0.0	0.0	0.0	15.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
648	18428393.15	5017987.92	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.9	1.0	-2.3	0.0	0.0	0.0	0.0	0.0	15.5

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
651	18428386.01	5017991.81	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.3	0.0	0.0	0.0	0.0	0.0	15.4

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
654	18428390.94	5017911.93	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	14.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
659	18428339.80	5017952.97	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.9	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	14.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
669	18428331.03	5017989.74	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.9	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
672	18428332.63	5017940.79	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.0	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
677	18428324.43	5017959.46	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
680	18428317.60	5017988.03	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.4	0.0	0.0	0.0	0.0	0.0	14.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
683	18428315.90	5017992.01	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.4	0.0	0.0	0.0	0.0	0.0	14.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
687	18428313.51	5017997.02	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
691	18428316.58	5017975.74	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
695	18428312.60	5017999.30	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.1

Point Source, ISO 9613, Name: "HVAC-Upper Rm", ID: "COMM10"																				
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)
698	18428316.33	5017971.26	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
704	18428314.76	5017979.49	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.0

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
707	18428309.86	5018004.31	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
710	18428318.17	5017952.06	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	13.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
713	18428305.31	5018013.64	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
717	18428299.28	5018015.92	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
720	18428294.16	5018018.31	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.4	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
722	18428290.29	5018019.79	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.4	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
725	18428281.64	5018022.86	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.4	0.0	0.0	0.0	0.0	0.0	13.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
728	18428276.29	5018024.91	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.4	0.0	0.0	0.0	0.0	0.0	13.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
734	18428268.20	5018020.70	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.8	1.2	-2.4	0.0	0.0	0.0	0.0	0.0	13.4

100% DUTY CYCLE

Receiver
Name: R2 - SW
ID: R2
X: 18428889.70 m
Y: 5018063.18 m
Z: 27.00 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
1	18429084.46	5018114.25	25.32	0	D	500	95.0	0.0	0.0	0.0	0.0	57.1	0.4	-2.7	0.0	0.0	20.2	0.0	0.0	20.0

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
2	18428897.28	5017970.44	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	50.6	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	35.1

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
5	18428892.54	5017969.58	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	50.6	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	35.1

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
9	18428894.25	5017964.34	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	51.1	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	34.7

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
16	18428897.74	5017977.65	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	49.9	0.2	-1.8	0.0	0.0	0.0	0.0	0.0	36.7

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
22	18428906.84	5017971.92	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	50.6	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	36.1

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
26	18428907.15	5017970.27	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	50.7	0.2	-2.0	0.0	0.0	0.0	0.0	0.0	36.1

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
29	18428902.51	5017967.43	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	50.9	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	32.8

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
38	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.1	62.2	1.2	-2.2	0.0	0.0	0.0	0.0	0.0	31.7

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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	18428737.08	5017746.25	13.28	0	D	A	96.0	0.0	0.0	0.0	-2.1	61.9	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	33.0

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
50	18428898.84	5017963.19	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	51.2	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	32.5

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
56	18428740.63	5017731.08	13.28	0	D	A	95.0	0.0	0.0	0.0	-2.1	62.2	1.2	-2.2	0.0	0.0	0.0	0.0	0.0	31.7

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
62	18428689.10	5017741.69	13.28	0	D	A	93.8	0.0	0.0	0.0	-2.1	62.6	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	30.3

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
68	18428689.53	5017736.56	13.28	0	D	A	93.8	0.0	0.0	0.0	-2.1	62.7	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	30.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
73	18429022.86	5017913.85	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.1	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	29.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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	18429002.54	5017897.34	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.1	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	29.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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	18428841.91	5017858.93	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.5	0.4	-2.0	0.0	0.0	0.0	0.0	0.0	29.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
96	18428821.02	5017862.97	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.5	0.4	-1.8	0.0	0.0	0.0	0.0	0.0	28.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
104	18429027.70	5017900.64	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	29.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
108	18429006.30	5017883.63	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	29.2

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
113	18428900.89	5017974.32	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	50.3	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	31.4

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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	18428900.89	5017972.84	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	50.4	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	31.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
121	18428901.09	5017971.24	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	50.5	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	31.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
126	18428805.03	5017838.98	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.6	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	27.7
138	18428805.03	5017838.98	7.50	1	D	500	88.0	0.0	0.0	0.0	-3.0	61.6	0.7	-2.5	0.0	0.0	0.0	0.0	1.0	24.2

100% DUTY CYCLE

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
144	18428699.54	5017907.54	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.8	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	27.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
149	18428702.65	5017890.37	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.1	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	27.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
155	18428681.78	5017905.82	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.3	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	27.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
162	18428887.23	5017932.10	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	53.4	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	27.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
169	18428904.88	5017932.82	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	53.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	27.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
177	18428887.32	5017929.83	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	53.6	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	27.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
182	18428682.91	5017888.38	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.7	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	26.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
188	18428848.06	5017929.37	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.0	0.3	-1.4	0.0	0.0	0.0	0.0	0.0	26.1

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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)
193	18429075.97	5017987.35	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	57.1	0.4	-1.8	0.0	0.0	0.0	0.0	0.0	27.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
199	18428899.50	5017919.53	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.2	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	26.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
205	18428888.39	5017919.08	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.2	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	26.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
212	18428903.02	5017919.63	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.3	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	26.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
219	18428848.36	5017924.98	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.3	0.3	-1.5	0.0	0.0	0.0	0.0	0.0	25.9

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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)
224	18429078.45	5017980.72	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	57.3	0.4	-1.9	0.0	0.0	0.0	0.0	0.0	27.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
228	18428705.31	5017834.86	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	26.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
234	18428848.85	5017920.82	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.5	0.3	-1.5	0.0	0.0	0.0	0.0	0.0	25.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
240	18428934.56	5017851.58	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	57.7	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
245	18428980.36	5017866.39	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
248	18428951.37	5017855.48	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
253	18428849.44	5017914.86	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	54.8	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	25.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
259	18428987.32	5017867.93	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	26.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
262	18428680.43	5017833.35	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	25.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
272	18428958.04	5017847.06	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	25.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
275	18428850.16	5017907.54	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.2	0.3	-1.8	0.0	0.0	0.0	0.0	0.0	25.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
280	18428649.23	5017844.82	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	25.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
289	18428633.96	5017850.56	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	24.9

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
297	18428937.81	5017832.61	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	25.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
306	18428597.68	5017859.88	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.0	0.7	-2.2	0.0	0.0	9.3	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
311	18428594.74	5017851.35	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.2	0.7	-2.3	0.0	0.0	9.7	0.0	0.0	14.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
323	18429014.15	5017916.12	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	56.7	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	24.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
329	18428986.72	5017891.71	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	56.9	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	24.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
335	18428841.16	5017869.82	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.0	0.4	-1.9	0.0	0.0	0.0	0.0	0.0	23.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
343	18428907.27	5017853.20	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.5	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	23.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
350	18428487.28	5017933.30	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.5	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
353	18428474.08	5017916.23	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.9	0.9	-1.3	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
355	18428464.74	5017941.84	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.9	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
363	18428897.42	5017838.66	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	22.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
369	18428920.82	5017840.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	22.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
381	18428471.35	5017890.96	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.1	0.9	-1.7	0.0	0.0	0.0	0.0	0.0	21.7

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
383	18428823.59	5017845.15	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.2	0.4	-1.9	0.0	0.0	0.0	0.0	0.0	22.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
389	18428442.21	5017950.92	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.3	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	20.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
391	18428712.09	5017913.91	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.3	0.4	-1.8	0.0	0.0	0.0	0.0	0.0	22.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
396	18428446.65	5017926.79	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.3	0.9	-1.2	0.0	0.0	0.0	0.0	0.0	21.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
399	18428448.70	5017899.84	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.6	0.0	0.0	0.0	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
403	18428700.89	5017915.62	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.6	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
407	18428808.10	5017838.41	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.6	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	21.8
419	18428808.10	5017838.41	7.50	1	D	500	82.0	0.0	0.0	0.0	-3.0	61.7	0.7	-2.5	0.0	0.0	0.0	0.0	1.0	18.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
421	18428419.44	5017959.12	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.2	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
424	18428795.27	5017840.20	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	21.7
437	18428795.27	5017840.20	7.50	1	D	500	82.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.4	0.0	0.0	0.0	0.0	1.0	18.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
441	18428922.00	5017821.49	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	22.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
447	18428899.14	5017819.42	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	22.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
454	18428418.19	5017937.27	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.8	0.9	-1.3	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
456	18428426.61	5017907.92	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.8	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	20.8

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
460	18428789.53	5017837.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
486	18428717.47	5017884.86	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
489	18428760.28	5017852.11	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	21.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
495	18428760.49	5017848.59	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
500	18428793.12	5017831.81	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.0	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
510	18428409.20	5017914.50	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.0	1.0	-1.4	0.0	0.0	0.0	0.0	0.0	20.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
521	18428778.92	5017836.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	21.5

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
536	18428388.47	5017971.04	9.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.2	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	20.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
547	18428935.28	5017811.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	21.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
555	18428582.19	5017867.77	7.50	0	D	500	85.0	0.0	0.0	0.0	0.0	62.2	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	24.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
559	18428581.98	5017862.54	7.50	0	D	500	85.0	0.0	0.0	0.0	0.0	62.3	0.7	-2.2	0.0	0.0	4.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
567	18428381.42	5017951.61	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.4	0.0	0.0	0.0	0.0	0.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
574	18428761.92	5017834.39	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	21.3

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
581	18428923.71	5017802.88	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
591	18428901.04	5017798.82	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	21.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
597	18428761.92	5017830.74	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
606	18428372.77	5017928.50	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.6	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	20.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
611	18428668.05	5017905.95	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	20.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
616	18428713.70	5017855.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	20.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
623	18428666.47	5017900.99	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.8	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	20.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
629	18428347.08	5017971.30	8.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.8	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
633	18428703.59	5017854.07	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.9	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
642	18428669.77	5017885.85	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.0	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	20.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
663	18428331.95	5017976.53	8.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.0	1.1	-2.2	0.0	0.0	0.0	0.0	0.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
668	18428716.57	5017819.80	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.5	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
681	18428719.43	5017816.50	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.5	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	20.2

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
693	18428706.38	5017824.46	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
700	18428707.75	5017819.37	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.7	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	20.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
708	18428694.91	5017815.86	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	19.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
723	18428669.67	5017836.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	19.6

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
731	18428528.25	5017929.79	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	62.7	0.7	-0.4	0.0	0.0	0.0	0.0	0.0	22.3
738	18428528.25	5017929.79	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	63.4	0.8	-1.4	0.0	0.0	0.0	0.0	1.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
741	18428685.52	5017819.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	19.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
746	18428662.50	5017838.66	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	19.5

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
751	18428519.11	5017933.44	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	62.9	0.8	-0.1	0.0	0.0	0.0	0.0	0.0	21.9
754	18428519.11	5017933.44	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	63.3	0.8	-1.2	0.0	0.0	0.0	0.0	1.0	21.5

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
757	18428523.30	5017912.73	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	63.0	0.8	-0.5	0.0	0.0	12.1	0.0	0.0	10.1
761	18428523.30	5017912.73	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.2	0.9	-1.6	0.0	0.0	5.2	0.0	2.0	14.8
765	18428523.30	5017912.73	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.2	0.9	-1.7	0.0	0.0	0.0	0.0	2.0	20.0

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
767	18428511.17	5017936.62	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	63.0	0.8	-0.1	0.0	0.0	0.0	0.0	0.0	21.7
769	18428511.17	5017936.62	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	63.1	0.8	-0.6	0.0	0.0	0.0	0.0	1.0	21.1

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
772	18428517.80	5017914.70	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	64.1	0.9	-1.6	0.0	0.0	4.9	0.0	2.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
774	18428591.15	5017861.68	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.2	0.0	0.0	7.4	0.0	0.0	11.0

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
775	18428701.29	5017812.92	24.50	0	D	500	80.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	17.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
776	18428520.21	5017922.90	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.9	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	16.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
777	18428505.53	5017920.40	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.3	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	16.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
778	18428490.70	5017948.19	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.4	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	15.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
779	18428494.60	5017884.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.7	0.8	-1.7	0.0	0.0	0.0	0.0	0.0	16.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
780	18428468.84	5017956.84	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.8	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	15.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
782	18428448.92	5017962.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.1	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	15.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
783	18428435.83	5017963.44	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.3	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	14.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
784	18428429.46	5017974.03	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.4	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	15.1

Point Source, ISO 9613, Name: "HVAC-Walmart ", ID: "COMM10"																				
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)
785	18428450.57	5017888.05	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.8	0.0	0.0	0.0	0.0	0.0	15.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
786	18428421.15	5017969.02	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.6	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	14.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
787	18428412.04	5017972.32	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	14.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
788	18428401.12	5017976.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.9	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	14.7

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Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
789	18428398.38	5017979.15	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
790	18428393.15	5017987.92	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.2	0.0	0.0	0.0	0.0	0.0	15.3

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
791	18428386.01	5017991.81	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.1	1.0	-2.3	0.0	0.0	0.0	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
792	18428390.94	5017911.93	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	14.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
793	18428339.80	5017952.97	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	13.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
794	18428331.03	5017989.74	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.0	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
795	18428332.63	5017940.79	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	13.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
796	18428324.43	5017959.46	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
797	18428317.60	5017988.03	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
798	18428315.90	5017992.01	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	14.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
799	18428316.58	5017975.74	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.2	0.0	0.0	0.0	0.0	0.0	13.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
800	18428313.51	5017997.02	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
801	18428312.60	5017999.30	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC-Upper Rm", ID: "COMM10"																				
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)
802	18428316.33	5017971.26	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	13.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
803	18428314.76	5017979.49	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
804	18428318.17	5017952.06	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
805	18428309.86	5018004.31	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
806	18428305.31	5018013.64	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.4	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
807	18428299.28	5018015.92	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.5	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	13.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
808	18428294.16	5018018.31	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.5	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	13.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
809	18428290.29	5018019.79	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	13.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
810	18428281.64	5018022.86	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.7	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
811	18428276.29	5018024.91	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.8	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	13.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
812	18428268.20	5018020.70	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.9	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	13.2

Receiver
Name: R3 - SE
ID: R3
X: 18428987.81 m
Y: 5018071.82 m
Z: 21.10 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
3	18429084.46	5018114.25	25.32	0	D	500	95.0	0.0	0.0	0.0	0.0	51.5	0.2	-2.7	0.0	0.0	5.1	0.0	0.0	40.9

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
4	18428897.28	5017970.44	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	53.7	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	32.0

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
7	18428892.54	5017969.58	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	54.0	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	31.7

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
11	18428894.25	5017964.34	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	54.1	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	31.6

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
19	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.1	63.4	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	30.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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	18429022.86	5017913.85	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	55.2	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	31.7

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
31	18428737.08	5017746.25	13.28	0	D	A	96.0	0.0	0.0	0.0	-2.1	63.3	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	31.7

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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)
36	18429075.97	5017987.35	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	52.7	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	32.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
40	18429002.54	5017897.34	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	31.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
43	18429027.70	5017900.64	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	31.0

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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	18429078.45	5017980.72	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	53.2	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	32.3

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
51	18428906.84	5017971.92	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	53.2	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	33.5

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
55	18428907.15	5017970.27	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	53.3	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	33.4

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
59	18428897.74	5017977.65	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	53.3	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	33.3

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
63	18428740.63	5017731.08	13.28	0	D	A	95.0	0.0	0.0	0.0	-2.1	63.5	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	30.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
67	18429006.30	5017883.63	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	30.4

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
70	18428902.51	5017967.43	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	53.6	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	30.1

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
75	18428898.84	5017963.19	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	54.0	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	29.7

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
80	18428689.10	5017741.69	13.28	0	D	A	93.8	0.0	0.0	0.0	-2.1	64.0	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	28.8

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
83	18428689.53	5017736.56	13.28	0	D	A	93.8	0.0	0.0	0.0	-2.1	64.0	1.5	-2.5	0.0	0.0	0.0	0.0	0.0	28.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
86	18428841.91	5017858.93	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	27.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
91	18428821.02	5017862.97	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	27.3
98	18428821.02	5017862.97	7.50	1	D	500	88.0	0.0	0.0	0.0	-3.0	63.6	0.8	-2.2	0.0	0.0	0.0	0.0	1.0	21.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
101	18428987.32	5017867.93	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	57.2	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	26.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
103	18428980.36	5017866.39	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	57.3	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	26.7

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
109	18428805.03	5017838.98	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	26.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
120	18428951.37	5017855.48	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	26.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
124	18429014.15	5017916.12	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.0	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	25.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
128	18428934.56	5017851.58	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	25.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
132	18428958.04	5017847.06	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	25.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
136	18428904.88	5017932.82	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.2	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	25.6

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
143	18428900.89	5017974.32	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	53.4	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	28.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
146	18428699.54	5017907.54	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.4	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	24.8

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
152	18428900.89	5017972.84	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	53.4	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	28.2

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
157	18428901.09	5017971.24	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	53.5	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	28.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
164	18428702.65	5017890.37	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.6	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	24.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
167	18428887.23	5017932.10	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.7	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	25.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
174	18428937.81	5017832.61	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	25.1

100% DUTY CYCLE

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
178	18428887.32	5017929.83	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.8	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	25.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
183	18428681.78	5017905.82	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.8	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
186	18428903.02	5017919.63	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.8	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	25.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
191	18428899.50	5017919.53	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	24.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
200	18428682.91	5017888.38	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.0	0.7	-1.9	0.0	0.0	0.0	0.0	0.0	24.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
204	18428986.72	5017891.71	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	56.1	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	24.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
208	18428888.39	5017919.08	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	56.2	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	24.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
214	18428705.31	5017834.86	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	24.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
220	18428680.43	5017833.35	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.8	0.8	-2.0	0.0	0.0	0.0	0.0	0.0	23.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
223	18428848.06	5017929.37	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.0	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	23.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
231	18428848.36	5017924.98	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.2	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	23.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
237	18428649.23	5017844.82	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.2	0.8	-2.0	0.0	0.0	0.0	0.0	0.0	23.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
241	18428848.85	5017920.82	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.3	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	23.5

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
246	18428633.96	5017850.56	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.4	0.8	-1.9	0.0	0.0	0.0	0.0	0.0	22.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
250	18428849.44	5017914.86	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.4	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	23.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
256	18428850.16	5017907.54	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	23.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
274	18428907.27	5017853.20	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.4	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	22.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
278	18428920.82	5017840.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	22.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
281	18428841.16	5017869.82	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	21.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
286	18428897.42	5017838.66	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	21.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
290	18428922.00	5017821.49	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
294	18428487.28	5017933.30	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	19.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
296	18428935.28	5017811.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	21.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
299	18428899.14	5017819.42	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.6	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	21.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
303	18428474.08	5017916.23	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.6	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	20.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
308	18428464.74	5017941.84	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.6	1.0	-1.0	0.0	0.0	0.0	0.0	0.0	19.3

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
310	18428471.35	5017890.96	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.8	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
313	18428923.71	5017802.88	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.8	0.5	-2.6	0.0	0.0	0.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
317	18428442.21	5017950.92	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	65.9	1.1	-1.1	0.0	0.0	0.0	0.0	0.0	19.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
321	18428823.59	5017845.15	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.0	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	21.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
326	18428446.65	5017926.79	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.0	1.1	-1.3	0.0	0.0	0.0	0.0	0.0	19.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
337	18428448.70	5017899.84	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	19.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
339	18428901.04	5017798.82	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.2	0.6	-2.6	0.0	0.0	0.0	0.0	0.0	20.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
341	18428419.44	5017959.12	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
346	18428426.61	5017907.92	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	19.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
352	18428418.19	5017937.27	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.3	0.0	0.0	0.0	0.0	0.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
358	18428808.10	5017838.41	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
370	18428409.20	5017914.50	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.6	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
374	18428795.27	5017840.20	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	20.4

100% DUTY CYCLE

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
378	18428388.47	5017971.04	9.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.7	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	18.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
380	18428789.53	5017837.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
388	18428793.12	5017831.81	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
393	18428381.42	5017951.61	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	66.8	1.2	-1.4	0.0	0.0	0.0	0.0	0.0	18.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
400	18428778.92	5017836.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	20.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
404	18428372.77	5017928.50	9.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	67.0	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
409	18428760.28	5017852.11	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	19.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
413	18428712.09	5017913.91	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.0	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	19.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
417	18428760.49	5017848.59	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	19.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
423	18428582.19	5017867.77	7.50	0	D	500	85.0	0.0	0.0	0.0	0.0	64.1	0.9	-2.2	0.0	0.0	9.9	0.0	0.0	12.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
427	18428581.98	5017862.54	7.50	0	D	500	85.0	0.0	0.0	0.0	0.0	64.2	0.9	-2.2	0.0	0.0	11.5	0.0	0.0	10.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
430	18428347.08	5017971.30	8.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	67.2	1.3	-1.7	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
434	18428700.89	5017915.62	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.3	0.6	-1.7	0.0	0.0	0.0	0.0	0.0	18.8

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
436	18428761.92	5017834.39	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.3	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	19.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
442	18428717.47	5017884.86	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.3	0.6	-1.9	0.0	0.0	0.0	0.0	0.0	18.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
445	18428761.92	5017830.74	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	19.5
448	18428761.92	5017830.74	7.50	2	D	500	82.0	0.0	0.0	0.0	-3.0	65.3	1.0	-2.6	0.0	0.0	0.0	0.0	2.0	13.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
455	18428331.95	5017976.53	8.00	0	D	500	88.0	0.0	0.0	0.0	-3.0	67.4	1.3	-2.2	0.0	0.0	0.0	0.0	0.0	18.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
458	18428713.70	5017855.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.9	0.7	-2.0	0.0	0.0	0.0	0.0	0.0	18.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
464	18428703.59	5017854.07	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.0	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
469	18428668.05	5017905.95	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.1	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
471	18428666.47	5017900.99	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.2	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
475	18428669.77	5017885.85	24.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.3	0.7	-1.9	0.0	0.0	0.0	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
477	18428716.57	5017819.80	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.4	0.7	-2.3	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
481	18428719.43	5017816.50	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.4	0.7	-2.4	0.0	0.0	0.0	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
490	18428706.38	5017824.46	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.5	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	18.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
494	18428707.75	5017819.37	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.5	0.7	-2.3	0.0	0.0	0.0	0.0	0.0	18.0

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
499	18428694.91	5017815.86	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.8	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	17.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
504	18428685.52	5017819.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.9	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	17.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
509	18428669.67	5017836.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.0	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	17.3

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
514	18428528.25	5017929.79	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	64.7	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	20.1
515	18428528.25	5017929.79	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	65.2	1.0	-1.4	0.0	0.0	0.0	0.0	1.0	19.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
519	18428662.50	5017838.66	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.0	0.8	-2.0	0.0	0.0	0.0	0.0	0.0	17.2

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
525	18428519.11	5017933.44	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	64.8	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	19.9
528	18428519.11	5017933.44	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	65.1	1.0	-1.2	0.0	0.0	0.0	0.0	1.0	19.5

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
533	18428523.30	5017912.73	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	65.8	1.1	-1.7	0.0	0.0	5.3	0.0	2.0	12.9
534	18428523.30	5017912.73	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	65.8	1.1	-1.7	0.0	0.0	0.0	0.0	2.0	18.3

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
537	18428511.17	5017936.62	1.50	0	D	500	85.4	0.0	0.0	0.0	0.0	64.9	1.0	-0.2	0.0	0.0	0.0	0.0	0.0	19.7
539	18428511.17	5017936.62	1.50	1	D	500	85.4	0.0	0.0	0.0	0.0	65.0	1.0	-0.4	0.0	0.0	0.0	0.0	1.0	18.9

Point Source, ISO 9613, Name: "Tire", ID: "COMM10_TIRE"																				
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)
543	18428517.80	5017914.70	1.50	2	D	500	85.4	0.0	0.0	0.0	0.0	65.8	1.1	-1.7	0.0	0.0	5.0	0.0	2.0	13.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
556	18428701.29	5017812.92	24.50	0	D	500	80.0	0.0	0.0	0.0	-3.0	62.7	0.7	-2.3	0.0	0.0	0.0	0.0	0.0	15.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
562	18428520.21	5017922.90	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.8	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	14.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
564	18428505.53	5017920.40	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.1	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	14.5

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
568	18428490.70	5017948.19	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.2	1.0	-0.9	0.0	0.0	0.0	0.0	0.0	13.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
572	18428494.60	5017884.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.4	1.0	-2.0	0.0	0.0	0.0	0.0	0.0	14.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
575	18428468.84	5017956.84	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.5	1.0	-0.9	0.0	0.0	0.0	0.0	0.0	13.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
587	18428448.92	5017962.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	65.8	1.1	-1.0	0.0	0.0	0.0	0.0	0.0	13.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
590	18428435.83	5017963.44	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.0	1.1	-1.1	0.0	0.0	0.0	0.0	0.0	13.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
592	18428429.46	5017974.03	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	13.0

Point Source, ISO 9613, Name: "HVAC-Walmart ", ID: "COMM10"																				
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)
594	18428450.57	5017888.05	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	13.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
601	18428421.15	5017969.02	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.2	1.1	-1.1	0.0	0.0	0.0	0.0	0.0	12.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
604	18428412.04	5017972.32	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	12.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
613	18428401.12	5017976.88	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.5	1.1	-1.3	0.0	0.0	0.0	0.0	0.0	12.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
618	18428398.38	5017979.15	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.5	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	13.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
624	18428393.15	5017987.92	9.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
627	18428386.01	5017991.81	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.7	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	13.5

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
630	18428390.94	5017911.93	9.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	66.8	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	12.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
635	18428339.80	5017952.97	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.4	1.3	-1.7	0.0	0.0	0.0	0.0	0.0	12.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
643	18428331.03	5017989.74	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.4	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	12.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
647	18428332.63	5017940.79	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.5	1.3	-1.8	0.0	0.0	0.0	0.0	0.0	12.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
650	18428324.43	5017959.46	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-1.7	0.0	0.0	0.0	0.0	0.0	11.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
653	18428317.60	5017988.03	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
656	18428315.90	5017992.01	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
658	18428316.58	5017975.74	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-2.2	0.0	0.0	0.0	0.0	0.0	12.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
662	18428313.51	5017997.02	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "HVAC-Upper Rm", ID: "COMM10"																				
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)
665	18428316.33	5017971.26	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-2.0	0.0	0.0	0.0	0.0	0.0	12.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
671	18428312.60	5017999.30	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
674	18428314.76	5017979.49	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.6	1.3	-2.2	0.0	0.0	0.0	0.0	0.0	12.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
686	18428318.17	5017952.06	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.7	1.3	-1.8	0.0	0.0	0.0	0.0	0.0	11.8

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
690	18428309.86	5018004.31	8.00	0	D	500	82.0	0.0	0.0	0.0	-3.0	67.7	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	12.4

100% DUTY CYCLE

Receiver
Name: R4 - NE
ID: R4
X: 18429028.14 m
Y: 5018103.03 m
Z: 21.10 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
6	18429084.46	5018114.25	25.32	0	D	500	95.0	0.0	0.0	0.0	0.0	46.2	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	51.4

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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)
8	18429075.97	5017987.35	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	53.0	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	32.5

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.0	64.4	1.5	-2.5	0.0	0.0	4.7	0.0	0.0	24.9

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
17	18428737.08	5017746.25	13.28	0	D	A	96.0	0.0	0.0	0.0	-2.0	64.3	1.5	-2.5	0.0	0.0	4.8	0.0	0.0	25.9

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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)
21	18429078.45	5017980.72	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	53.4	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	32.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
25	18429022.86	5017913.85	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.7	0.0	0.0	0.0	0.0	0.0	30.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
30	18429027.70	5017900.64	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.1	0.4	-2.7	0.0	0.0	0.0	0.0	0.0	30.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
33	18429002.54	5017897.34	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.4	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	29.5

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
37	18428897.28	5017970.44	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	56.4	0.4	-2.1	0.0	0.0	5.3	0.0	0.0	24.1

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
42	18428740.63	5017731.08	13.28	0	D	A	95.0	0.0	0.0	0.0	-2.0	64.4	1.5	-2.5	0.0	0.0	4.7	0.0	0.0	24.8

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
47	18428892.54	5017969.58	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.1	0.0	0.0	5.3	0.0	0.0	23.8

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
52	18428894.25	5017964.34	7.00	0	D	500	87.0	0.0	0.0	0.0	-3.0	56.7	0.4	-2.2	0.0	0.0	5.2	0.0	0.0	23.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
57	18429006.30	5017883.63	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.6	0.0	0.0	0.0	0.0	0.0	29.2

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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	18428906.84	5017971.92	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	56.1	0.3	-2.1	0.0	0.0	5.1	0.0	0.0	25.6

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
65	18428689.10	5017741.69	13.28	0	D	A	93.8	0.0	0.0	0.0	-1.9	64.9	1.6	-2.5	0.0	0.0	5.0	0.0	0.0	22.9

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
71	18428907.15	5017970.27	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	56.1	0.3	-2.1	0.0	0.0	5.1	0.0	0.0	25.6

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
77	18428689.53	5017736.56	13.28	0	D	A	93.8	0.0	0.0	0.0	-1.9	65.0	1.6	-2.5	0.0	0.0	5.0	0.0	0.0	22.9

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
84	18428897.74	5017977.65	7.00	0	D	500	85.0	0.0	0.0	0.0	0.0	56.2	0.3	-2.1	0.0	0.0	5.4	0.0	0.0	25.2

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
87	18428902.51	5017967.43	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	56.4	0.4	-2.1	0.0	0.0	5.1	0.0	0.0	22.3

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
92	18428898.84	5017963.19	7.00	0	D	500	85.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.2	0.0	0.0	5.1	0.0	0.0	22.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
97	18428841.91	5017858.93	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.4	0.0	0.0	4.8	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
102	18428821.02	5017862.97	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.4	0.0	0.0	5.0	0.0	0.0	20.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
111	18428987.32	5017867.93	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	25.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
115	18428980.36	5017866.39	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	58.7	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	25.2

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
118	18428805.03	5017838.98	7.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	61.8	0.7	-2.6	0.0	0.0	5.0	0.0	0.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
127	18428951.37	5017855.48	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	24.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
131	18429014.15	5017916.12	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	56.5	0.4	-2.7	0.0	0.0	0.0	0.0	0.0	24.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
134	18428958.04	5017847.06	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	24.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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	18428934.56	5017851.58	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	59.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
145	18428702.65	5017890.37	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	62.8	0.7	-1.9	0.0	0.0	13.2	0.0	0.0	10.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
154	18428937.81	5017832.61	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	60.1	0.6	-2.4	0.0	0.0	0.0	0.0	0.0	23.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
163	18428705.31	5017834.86	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.5	0.8	-2.2	0.0	0.0	5.5	0.0	0.0	17.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
168	18428904.88	5017932.82	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.5	0.4	-2.3	0.0	0.0	4.8	0.0	0.0	18.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
173	18428986.72	5017891.71	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.7	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	23.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
175	18428680.43	5017833.35	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	63.9	0.8	-2.2	0.0	0.0	7.3	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
180	18428887.23	5017932.10	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	5.0	0.0	0.0	18.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
185	18428903.02	5017919.63	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	4.7	0.0	0.0	18.2

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
190	18428887.32	5017929.83	8.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.0	0.4	-2.3	0.0	0.0	4.9	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
196	18428899.50	5017919.53	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.0	0.4	-2.3	0.0	0.0	4.7	0.0	0.0	18.1

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
201	18428900.89	5017974.32	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	56.2	0.4	-2.1	0.0	0.0	5.3	0.0	0.0	20.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
206	18428649.23	5017844.82	24.50	0	D	500	88.0	0.0	0.0	0.0	-3.0	64.2	0.9	-2.0	0.0	0.0	11.8	0.0	0.0	10.1

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
210	18428900.89	5017972.84	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	56.2	0.4	-2.1	0.0	0.0	5.2	0.0	0.0	20.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
215	18428901.09	5017971.24	6.50	0	D	500	80.0	0.0	0.0	0.0	0.0	56.3	0.4	-2.1	0.0	0.0	5.2	0.0	0.0	20.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
217	18428888.39	5017919.08	7.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.3	0.4	-2.3	0.0	0.0	4.8	0.0	0.0	17.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
229	18428848.06	5017929.37	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.2	0.0	0.0	5.3	0.0	0.0	16.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
238	18428848.36	5017924.98	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.2	0.0	0.0	5.3	0.0	0.0	16.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
243	18428848.85	5017920.82	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.2	0.0	0.0	5.2	0.0	0.0	16.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
249	18428849.44	5017914.86	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.2	0.0	0.0	5.2	0.0	0.0	16.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
255	18428850.16	5017907.54	6.80	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.3	0.0	0.0	5.1	0.0	0.0	16.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
261	18428907.27	5017853.20	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.9	0.5	-2.4	0.0	0.0	4.5	0.0	0.0	16.5

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DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
266	18428920.82	5017840.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.1	0.5	-2.4	0.0	0.0	4.4	0.0	0.0	16.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
293	18428897.42	5017838.66	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.5	0.0	0.0	4.5	0.0	0.0	16.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
307	18428841.16	5017869.82	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.5	0.6	-2.3	0.0	0.0	4.9	0.0	0.0	15.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
315	18428922.00	5017821.49	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	20.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
327	18428935.28	5017811.47	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.7	0.6	-2.6	0.0	0.0	0.0	0.0	0.0	20.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
333	18428899.14	5017819.42	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.6	0.0	0.0	4.4	0.0	0.0	15.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
347	18428923.71	5017802.88	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.6	0.0	0.0	0.0	0.0	0.0	19.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
364	18428823.59	5017845.15	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.5	0.0	0.0	4.9	0.0	0.0	14.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
371	18428901.04	5017798.82	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.6	0.0	0.0	4.4	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
390	18428808.10	5017838.41	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.7	0.7	-2.6	0.0	0.0	4.9	0.0	0.0	14.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
402	18428795.27	5017840.20	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	61.9	0.7	-2.6	0.0	0.0	5.0	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
414	18428789.53	5017837.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.6	0.0	0.0	5.1	0.0	0.0	13.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
428	18428793.12	5017831.81	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.6	0.0	0.0	5.0	0.0	0.0	13.8

100% DUTY CYCLE

DAYTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
435	18428778.92	5017836.33	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.6	0.0	0.0	5.1	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
443	18428760.28	5017852.11	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.6	0.0	0.0	5.4	0.0	0.0	13.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
453	18428760.49	5017848.59	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.4	0.7	-2.5	0.0	0.0	5.3	0.0	0.0	13.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
463	18428761.92	5017834.39	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.6	0.7	-2.6	0.0	0.0	5.2	0.0	0.0	13.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
473	18428761.92	5017830.74	7.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	62.6	0.7	-2.6	0.0	0.0	5.2	0.0	0.0	13.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
479	18428713.70	5017855.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.1	0.8	-2.1	0.0	0.0	5.6	0.0	0.0	11.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
503	18428716.57	5017819.80	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.5	0.8	-2.4	0.0	0.0	5.4	0.0	0.0	11.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
508	18428719.43	5017816.50	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.5	0.8	-2.4	0.0	0.0	5.3	0.0	0.0	11.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
513	18428706.38	5017824.46	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.6	0.8	-2.3	0.0	0.0	5.5	0.0	0.0	11.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
518	18428707.75	5017819.37	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.6	0.8	-2.3	0.0	0.0	5.4	0.0	0.0	11.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
529	18428694.91	5017815.86	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	63.9	0.8	-2.3	0.0	0.0	5.5	0.0	0.0	11.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
554	18428685.52	5017819.15	24.50	0	D	500	82.0	0.0	0.0	0.0	-3.0	64.0	0.9	-2.2	0.0	0.0	5.5	0.0	0.0	10.9

100% DUTY CYCLE

Receiver
Name: R5 - NE
ID: R5
X: 18429037.40 m
Y: 5018152.85 m
Z: 27.00 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
10	18429084.46	5018114.25	25.32	0	D	500	95.0	0.0	0.0	0.0	0.0	46.7	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	50.9

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
14	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-1.6	65.2	1.6	-2.5	0.0	0.0	18.6	0.0	0.0	10.5

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
18	18428737.08	5017746.25	13.28	0	D	A	96.0	0.0	0.0	0.0	-1.6	65.1	1.6	-2.5	0.0	0.0	18.7	0.0	0.0	11.5

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
23	18428740.63	5017731.08	13.28	0	D	A	95.0	0.0	0.0	0.0	-1.6	65.3	1.6	-2.5	0.0	0.0	18.6	0.0	0.0	10.4

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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	18429075.97	5017987.35	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	55.6	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	29.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
32	18429022.86	5017913.85	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.7	0.0	0.0	0.0	0.0	0.0	28.6

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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)
35	18429078.45	5017980.72	25.00	0	D	500	85.0	0.0	0.0	0.0	-2.0	56.0	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	29.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
41	18429027.70	5017900.64	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.7	0.0	0.0	0.0	0.0	0.0	28.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
45	18429002.54	5017897.34	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	27.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
64	18429006.30	5017883.63	7.30	0	D	500	88.0	0.0	0.0	0.0	-3.0	59.7	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	27.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
122	18428987.32	5017867.93	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	60.2	0.6	-2.4	0.0	0.0	0.0	0.0	0.0	23.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
125	18428980.36	5017866.39	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	60.3	0.6	-2.4	0.0	0.0	4.5	0.0	0.0	19.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
147	18428951.37	5017855.48	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.4	0.0	0.0	9.5	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
156	18428958.04	5017847.06	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.4	0.0	0.0	7.7	0.0	0.0	15.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
158	18428934.56	5017851.58	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.4	0.0	0.0	11.9	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
166	18428937.81	5017832.61	7.50	0	D	500	85.0	0.0	0.0	0.0	-3.0	61.5	0.6	-2.4	0.0	0.0	10.6	0.0	0.0	11.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
171	18429014.15	5017916.12	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.6	0.0	0.0	0.0	0.0	0.0	22.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
195	18428986.72	5017891.71	7.30	0	D	500	82.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.4	0.0	0.0	4.3	0.0	0.0	17.0

OFF-SITE STATIONARY SOURCES – MECHANCIAL - NIGHTTIME

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Receiver
Name: R1 - NW
ID: R1
X: 18428878.43 m
Y: 5018080.50 m
Z: 27.00 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
12	18429084.46	5018114.25	25.32	0	N	500	92.0	0.0	0.0	0.0	0.0	57.4	0.4	-2.7	0.0	0.0	13.6	0.0	0.0	23.3

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
15	18428897.28	5017970.44	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	52.1	0.2	-2.0	0.0	0.0	5.0	0.0	0.0	25.7

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
20	18428892.54	5017969.58	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	52.1	0.2	-1.9	0.0	0.0	4.5	0.0	0.0	26.1

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
27	18428894.25	5017964.34	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	52.5	0.2	-2.0	0.0	0.0	4.6	0.0	0.0	25.7

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
34	18428737.08	5017746.25	13.28	0	N	A	93.0	0.0	0.0	0.0	-2.1	62.2	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	29.8

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
39	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.1	62.4	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	31.6

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
46	18428897.74	5017977.65	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	51.6	0.2	-2.0	0.0	0.0	5.2	0.0	0.0	27.0

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
54	18428906.84	5017971.92	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	52.1	0.2	-2.1	0.0	0.0	6.6	0.0	0.0	25.1

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
61	18428907.15	5017970.27	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	52.3	0.2	-2.1	0.0	0.0	6.5	0.0	0.0	25.0

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
66	18428902.51	5017967.43	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	52.4	0.2	-2.0	0.0	0.0	5.6	0.0	0.0	22.8

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
72	18428740.63	5017731.08	13.28	0	N	A	92.0	0.0	0.0	0.0	-2.1	62.5	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	28.5

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
76	18428898.84	5017963.19	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	52.6	0.2	-2.0	0.0	0.0	5.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
82	18428689.10	5017741.69	13.28	0	N	A	90.8	0.0	0.0	0.0	-2.0	62.8	1.3	-2.3	0.0	0.0	3.2	0.0	0.0	23.9

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
89	18428689.53	5017736.56	13.28	0	N	A	90.8	0.0	0.0	0.0	-2.1	62.9	1.3	-2.3	0.0	0.0	0.0	0.0	0.0	26.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
93	18429022.86	5017913.85	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	14.2	0.0	0.0	11.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
95	18429002.54	5017897.34	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	12.9	0.0	0.0	13.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
100	18428841.91	5017858.93	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	25.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
106	18428821.02	5017862.97	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	25.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
112	18429027.70	5017900.64	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.4	0.5	-2.3	0.0	0.0	14.0	0.0	0.0	11.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
116	18429006.30	5017883.63	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.4	0.5	-2.3	0.0	0.0	12.6	0.0	0.0	12.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
123	18428699.54	5017907.54	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.9	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	24.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
130	18428805.03	5017838.98	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	24.6
135	18428805.03	5017838.98	7.50	1	N	500	85.0	0.0	0.0	0.0	-3.0	61.8	0.7	-2.3	0.0	0.0	0.0	0.0	1.0	20.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
139	18428702.65	5017890.37	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.3	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	24.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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	18428681.78	5017905.82	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.4	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	23.9

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
148	18428682.91	5017888.38	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.8	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	23.5

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
153	18428900.89	5017974.32	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	51.9	0.2	-2.0	0.0	0.0	5.6	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
160	18428900.89	5017972.84	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	52.0	0.2	-2.0	0.0	0.0	5.5	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
165	18428901.09	5017971.24	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	52.1	0.2	-2.1	0.0	0.0	5.5	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
170	18428887.23	5017932.10	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.5	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	22.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
176	18428705.31	5017834.86	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	22.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
181	18428904.88	5017932.82	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.6	0.3	-2.1	0.0	0.0	5.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
189	18428887.32	5017929.83	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.6	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	22.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
197	18428848.06	5017929.37	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.8	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	22.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
209	18428680.43	5017833.35	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	22.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
213	18428848.36	5017924.98	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.1	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	22.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
218	18428888.39	5017919.08	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.2	0.3	-1.8	0.0	0.0	0.0	0.0	0.0	22.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
225	18428899.50	5017919.53	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.3	0.3	-2.2	0.0	0.0	4.4	0.0	0.0	18.1

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
232	18428848.85	5017920.82	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.3	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	22.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
239	18428903.02	5017919.63	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.3	0.3	-2.2	0.0	0.0	4.7	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
244	18428649.23	5017844.82	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.3	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	22.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
252	18428934.56	5017851.58	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	6.2	0.0	0.0	16.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
254	18428951.37	5017855.48	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	7.8	0.0	0.0	14.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
257	18428633.96	5017850.56	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.5	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	21.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
260	18428980.36	5017866.39	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	10.4	0.0	0.0	11.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
263	18428849.44	5017914.86	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.6	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	22.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
269	18428987.32	5017867.93	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.4	0.0	0.0	11.0	0.0	0.0	11.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
273	18428958.04	5017847.06	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.4	0.0	0.0	8.1	0.0	0.0	13.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
276	18428850.16	5017907.54	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	21.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
283	18428597.68	5017859.88	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.1	0.0	0.0	6.9	0.0	0.0	14.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
288	18428937.81	5017832.61	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.4	0.0	0.0	6.1	0.0	0.0	15.7

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
292	18428594.74	5017851.35	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.2	0.0	0.0	8.3	0.0	0.0	12.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
298	18428487.28	5017933.30	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.4	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	18.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
305	18428841.16	5017869.82	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	20.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
316	18428464.74	5017941.84	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.8	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	18.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
319	18428474.08	5017916.23	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.8	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	18.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
322	18428471.35	5017890.96	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.1	0.9	-1.6	0.0	0.0	0.0	0.0	0.0	18.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
324	18428442.21	5017950.92	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.2	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	18.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
328	18428446.65	5017926.79	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.2	0.9	-1.3	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
332	18428907.27	5017853.20	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.2	0.4	-2.3	0.0	0.0	4.3	0.0	0.0	15.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
336	18428448.70	5017899.84	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.4	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
345	18428712.09	5017913.91	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.4	0.5	-1.7	0.0	0.0	0.0	0.0	0.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
348	18428419.44	5017959.12	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.7	0.0	0.0	0.3	0.0	0.0	18.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
351	18428418.19	5017937.27	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	17.8

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
356	18428700.89	5017915.62	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	18.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
359	18428823.59	5017845.15	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	18.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
361	18428426.61	5017907.92	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	17.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
365	18428897.42	5017838.66	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	18.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
367	18428920.82	5017840.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.3	0.0	0.0	5.0	0.0	0.0	14.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
372	18428409.20	5017914.50	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.9	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	17.7

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
377	18428388.47	5017971.04	9.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	18.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
379	18428808.10	5017838.41	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	18.6
382	18428808.10	5017838.41	7.50	1	N	500	79.0	0.0	0.0	0.0	-3.0	61.8	0.7	-2.3	0.0	0.0	0.0	0.0	1.0	14.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
384	18428717.47	5017884.86	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	18.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
387	18428795.27	5017840.20	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	18.6
392	18428795.27	5017840.20	7.50	1	N	500	79.0	0.0	0.0	0.0	-3.0	61.5	0.6	-2.3	0.0	0.0	0.0	0.0	1.0	15.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
395	18428381.42	5017951.61	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.2	1.0	-1.8	0.0	0.0	1.8	0.0	0.0	15.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
397	18428760.28	5017852.11	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	18.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
401	18428582.19	5017867.77	7.50	0	N	500	82.0	0.0	0.0	0.0	0.0	62.3	0.7	-2.0	0.0	0.0	0.0	0.0	0.0	21.1

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Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
405	18428789.53	5017837.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	18.5
408	18428789.53	5017837.33	7.50	1	N	500	79.0	0.0	0.0	0.0	-3.0	61.5	0.6	-2.3	0.0	0.0	0.0	0.0	1.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
415	18428581.98	5017862.54	7.50	0	N	500	82.0	0.0	0.0	0.0	0.0	62.3	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	21.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
418	18428760.49	5017848.59	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
422	18428899.14	5017819.42	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
429	18428922.00	5017821.49	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.4	0.0	0.0	4.9	0.0	0.0	13.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
431	18428793.12	5017831.81	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	18.3
433	18428793.12	5017831.81	7.50	1	N	500	79.0	0.0	0.0	0.0	-3.0	61.6	0.7	-2.4	0.0	0.0	0.0	0.0	1.0	15.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
438	18428778.92	5017836.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
446	18428372.77	5017928.50	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.5	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	17.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
450	18428347.08	5017971.30	8.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.7	1.0	-2.2	0.0	0.0	0.0	0.0	0.0	17.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
452	18428761.92	5017834.39	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
461	18428668.05	5017905.95	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	17.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
466	18428935.28	5017811.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.8	0.5	-2.5	0.0	0.0	5.5	0.0	0.0	12.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
468	18428761.92	5017830.74	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.8	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	17.8

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
472	18428666.47	5017900.99	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.9	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	17.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
476	18428331.95	5017976.53	8.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.9	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	17.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
478	18428713.70	5017855.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.9	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	17.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
482	18428923.71	5017802.88	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.0	0.5	-2.5	0.0	0.0	4.8	0.0	0.0	13.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
485	18428901.04	5017798.82	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.0	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	17.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
491	18428669.77	5017885.85	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.1	0.6	-1.9	0.0	0.0	0.0	0.0	0.0	17.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
496	18428703.59	5017854.07	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.1	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	17.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
502	18428716.57	5017819.80	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.7	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
506	18428719.43	5017816.50	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	16.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
511	18428706.38	5017824.46	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
516	18428707.75	5017819.37	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	16.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
530	18428669.67	5017836.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
535	18428694.91	5017815.86	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.3

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
551	18428662.50	5017838.66	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
557	18428685.52	5017819.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
588	18428591.15	5017861.68	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.2	0.7	-2.1	0.0	0.0	3.8	0.0	0.0	11.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
596	18428520.21	5017922.90	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.9	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	13.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
599	18428701.29	5017812.92	24.50	0	N	500	77.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	14.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
605	18428505.53	5017920.40	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.2	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	13.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
608	18428490.70	5017948.19	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.3	0.8	-1.3	0.0	0.0	0.0	0.0	0.0	13.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
612	18428468.84	5017956.84	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.6	0.8	-1.4	0.0	0.0	0.0	0.0	0.0	13.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
614	18428494.60	5017884.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.7	0.8	-1.7	0.0	0.0	0.0	0.0	0.0	13.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
619	18428448.92	5017962.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.0	0.9	-1.6	0.0	0.0	0.7	0.0	0.0	12.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
622	18428435.83	5017963.44	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.2	0.9	-1.7	0.0	0.0	0.5	0.0	0.0	12.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
626	18428429.46	5017974.03	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.3	0.9	-2.0	0.0	0.0	0.0	0.0	0.0	12.9

Point Source, ISO 9613, Name: "HVAC-Walmart ", ID: "COMM10"																				
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)
632	18428450.57	5017888.05	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.4	0.9	-1.7	0.0	0.0	0.0	0.0	0.0	12.4

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
634	18428421.15	5017969.02	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.9	0.0	0.0	0.0	0.0	0.0	12.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
637	18428412.04	5017972.32	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.6	0.9	-2.0	0.0	0.0	0.0	0.0	0.0	12.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
640	18428401.12	5017976.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.8	0.9	-2.1	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
646	18428398.38	5017979.15	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.8	0.9	-2.2	0.0	0.0	0.0	0.0	0.0	12.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
648	18428393.15	5017987.92	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.9	1.0	-2.3	0.0	0.0	0.0	0.0	0.0	12.5

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
651	18428386.01	5017991.81	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.3	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
654	18428390.94	5017911.93	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	11.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
659	18428339.80	5017952.97	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.9	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	11.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
669	18428331.03	5017989.74	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.9	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
672	18428332.63	5017940.79	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.0	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	10.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
677	18428324.43	5017959.46	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	10.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
680	18428317.60	5017988.03	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.4	0.0	0.0	0.0	0.0	0.0	11.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
683	18428315.90	5017992.01	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.4	0.0	0.0	0.0	0.0	0.0	11.2

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
687	18428313.51	5017997.02	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
691	18428316.58	5017975.74	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
695	18428312.60	5017999.30	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.1

Point Source, ISO 9613, Name: "HVAC-Upper Rm", ID: "COMM10"																				
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)
698	18428316.33	5017971.26	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
704	18428314.76	5017979.49	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
707	18428309.86	5018004.31	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
710	18428318.17	5017952.06	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	10.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
713	18428305.31	5018013.64	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
717	18428299.28	5018015.92	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
720	18428294.16	5018018.31	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.4	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
722	18428290.29	5018019.79	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.4	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
725	18428281.64	5018022.86	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.4	0.0	0.0	0.0	0.0	0.0	10.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
728	18428276.29	5018024.91	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.4	0.0	0.0	0.0	0.0	0.0	10.6

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
734	18428268.20	5018020.70	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.8	1.2	-2.4	0.0	0.0	0.0	0.0	0.0	10.4

50% DUTY CYCLE

Receiver
Name: R2 - SW
ID: R2
X: 18428889.70 m
Y: 5018063.18 m
Z: 27.00 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
1	18429084.46	5018114.25	25.32	0	N	500	92.0	0.0	0.0	0.0	0.0	57.1	0.4	-2.7	0.0	0.0	20.2	0.0	0.0	17.0

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
2	18428897.28	5017970.44	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	50.6	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	32.1

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
5	18428892.54	5017969.58	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	50.6	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	32.1

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
9	18428894.25	5017964.34	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	51.1	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	31.7

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
16	18428897.74	5017977.65	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	49.9	0.2	-1.8	0.0	0.0	0.0	0.0	0.0	33.7

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
22	18428906.84	5017971.92	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	50.6	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	33.1

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
26	18428907.15	5017970.27	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	50.7	0.2	-2.0	0.0	0.0	0.0	0.0	0.0	33.1

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
29	18428902.51	5017967.43	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	50.9	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	29.8

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
38	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.1	62.2	1.2	-2.2	0.0	0.0	0.0	0.0	0.0	31.7

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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	18428737.08	5017746.25	13.28	0	N	A	93.0	0.0	0.0	0.0	-2.1	61.9	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	30.0

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
50	18428898.84	5017963.19	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	51.2	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	29.5

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
56	18428740.63	5017731.08	13.28	0	N	A	92.0	0.0	0.0	0.0	-2.1	62.2	1.2	-2.2	0.0	0.0	0.0	0.0	0.0	28.7

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
62	18428689.10	5017741.69	13.28	0	N	A	90.8	0.0	0.0	0.0	-2.1	62.6	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	27.3

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
68	18428689.53	5017736.56	13.28	0	N	A	90.8	0.0	0.0	0.0	-2.1	62.7	1.3	-2.4	0.0	0.0	0.0	0.0	0.0	27.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
73	18429022.86	5017913.85	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.1	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	26.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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	18429002.54	5017897.34	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.1	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	26.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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	18428841.91	5017858.93	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.5	0.4	-2.0	0.0	0.0	0.0	0.0	0.0	26.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
96	18428821.02	5017862.97	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.5	0.4	-1.8	0.0	0.0	0.0	0.0	0.0	25.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
104	18429027.70	5017900.64	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
108	18429006.30	5017883.63	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
113	18428900.89	5017974.32	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	50.3	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	28.4

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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	18428900.89	5017972.84	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	50.4	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	28.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
121	18428901.09	5017971.24	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	50.5	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	28.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
126	18428805.03	5017838.98	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.6	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	24.7
138	18428805.03	5017838.98	7.50	1	N	500	85.0	0.0	0.0	0.0	-3.0	61.6	0.7	-2.5	0.0	0.0	0.0	0.0	1.0	21.2

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
144	18428699.54	5017907.54	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.8	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	24.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
149	18428702.65	5017890.37	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.1	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
155	18428681.78	5017905.82	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.3	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	24.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
162	18428887.23	5017932.10	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	53.4	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	24.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
169	18428904.88	5017932.82	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	53.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	24.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
177	18428887.32	5017929.83	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	53.6	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	24.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
182	18428682.91	5017888.38	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.7	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	23.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
188	18428848.06	5017929.37	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.0	0.3	-1.4	0.0	0.0	0.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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)
193	18429075.97	5017987.35	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	57.1	0.4	-1.8	0.0	0.0	0.0	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
199	18428899.50	5017919.53	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.2	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	23.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
205	18428888.39	5017919.08	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.2	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	23.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
212	18428903.02	5017919.63	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.3	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	23.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
219	18428848.36	5017924.98	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.3	0.3	-1.5	0.0	0.0	0.0	0.0	0.0	22.9

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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)
224	18429078.45	5017980.72	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	57.3	0.4	-1.9	0.0	0.0	0.0	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
228	18428705.31	5017834.86	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	23.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
234	18428848.85	5017920.82	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.5	0.3	-1.5	0.0	0.0	0.0	0.0	0.0	22.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
240	18428934.56	5017851.58	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	57.7	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	23.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
245	18428980.36	5017866.39	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	23.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
248	18428951.37	5017855.48	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	23.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
253	18428849.44	5017914.86	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	54.8	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	22.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
259	18428987.32	5017867.93	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
262	18428680.43	5017833.35	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	22.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
272	18428958.04	5017847.06	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	22.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
275	18428850.16	5017907.54	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.2	0.3	-1.8	0.0	0.0	0.0	0.0	0.0	22.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
280	18428649.23	5017844.82	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	22.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
289	18428633.96	5017850.56	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	21.9

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
297	18428937.81	5017832.61	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.5	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	22.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
306	18428597.68	5017859.88	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	62.0	0.7	-2.2	0.0	0.0	9.3	0.0	0.0	12.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
311	18428594.74	5017851.35	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	62.2	0.7	-2.3	0.0	0.0	9.7	0.0	0.0	11.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
323	18429014.15	5017916.12	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	56.7	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	21.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
329	18428986.72	5017891.71	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	56.9	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	21.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
335	18428841.16	5017869.82	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.0	0.4	-1.9	0.0	0.0	0.0	0.0	0.0	20.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
343	18428907.27	5017853.20	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.5	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	20.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
350	18428487.28	5017933.30	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.5	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	18.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
353	18428474.08	5017916.23	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.9	0.9	-1.3	0.0	0.0	0.0	0.0	0.0	18.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
355	18428464.74	5017941.84	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.9	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
363	18428897.42	5017838.66	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	19.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
369	18428920.82	5017840.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	19.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
381	18428471.35	5017890.96	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.1	0.9	-1.7	0.0	0.0	0.0	0.0	0.0	18.7

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
383	18428823.59	5017845.15	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.2	0.4	-1.9	0.0	0.0	0.0	0.0	0.0	19.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
389	18428442.21	5017950.92	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.3	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
391	18428712.09	5017913.91	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.3	0.4	-1.8	0.0	0.0	0.0	0.0	0.0	19.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
396	18428446.65	5017926.79	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.3	0.9	-1.2	0.0	0.0	0.0	0.0	0.0	18.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
399	18428448.70	5017899.84	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.6	0.0	0.0	0.0	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
403	18428700.89	5017915.62	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.6	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	18.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
407	18428808.10	5017838.41	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.6	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	18.8
419	18428808.10	5017838.41	7.50	1	N	500	79.0	0.0	0.0	0.0	-3.0	61.7	0.7	-2.5	0.0	0.0	0.0	0.0	1.0	15.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
421	18428419.44	5017959.12	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.2	0.0	0.0	0.0	0.0	0.0	17.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
424	18428795.27	5017840.20	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	18.7
437	18428795.27	5017840.20	7.50	1	N	500	79.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.4	0.0	0.0	0.0	0.0	1.0	15.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
441	18428922.00	5017821.49	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	19.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
447	18428899.14	5017819.42	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	19.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
454	18428418.19	5017937.27	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.8	0.9	-1.3	0.0	0.0	0.0	0.0	0.0	17.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
456	18428426.61	5017907.92	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	64.8	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	17.8

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
460	18428789.53	5017837.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	18.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
486	18428717.47	5017884.86	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	18.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
489	18428760.28	5017852.11	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.9	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
495	18428760.49	5017848.59	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	18.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
500	18428793.12	5017831.81	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.0	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	18.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
510	18428409.20	5017914.50	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.0	1.0	-1.4	0.0	0.0	0.0	0.0	0.0	17.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
521	18428778.92	5017836.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	18.5

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
536	18428388.47	5017971.04	9.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.2	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	17.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
547	18428935.28	5017811.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
555	18428582.19	5017867.77	7.50	0	N	500	82.0	0.0	0.0	0.0	0.0	62.2	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM1"																				
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)
559	18428581.98	5017862.54	7.50	0	N	500	82.0	0.0	0.0	0.0	0.0	62.3	0.7	-2.2	0.0	0.0	4.0	0.0	0.0	17.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
567	18428381.42	5017951.61	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.4	0.0	0.0	0.0	0.0	0.0	17.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
574	18428761.92	5017834.39	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	18.3

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
581	18428923.71	5017802.88	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.4	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	18.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
591	18428901.04	5017798.82	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	18.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
597	18428761.92	5017830.74	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
606	18428372.77	5017928.50	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.6	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	17.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
611	18428668.05	5017905.95	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.7	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	17.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
616	18428713.70	5017855.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
623	18428666.47	5017900.99	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.8	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	17.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
629	18428347.08	5017971.30	8.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.8	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
633	18428703.59	5017854.07	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.9	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	17.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
642	18428669.77	5017885.85	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.0	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	17.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
663	18428331.95	5017976.53	8.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.0	1.1	-2.2	0.0	0.0	0.0	0.0	0.0	17.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
668	18428716.57	5017819.80	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.5	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	17.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
681	18428719.43	5017816.50	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.5	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	17.2

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
693	18428706.38	5017824.46	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	17.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
700	18428707.75	5017819.37	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.7	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	17.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
708	18428694.91	5017815.86	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	16.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
723	18428669.67	5017836.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	16.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
741	18428685.52	5017819.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	16.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
746	18428662.50	5017838.66	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	16.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
775	18428701.29	5017812.92	24.50	0	N	500	77.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	14.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
776	18428520.21	5017922.90	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.9	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
777	18428505.53	5017920.40	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.3	0.8	-1.2	0.0	0.0	0.0	0.0	0.0	13.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
778	18428490.70	5017948.19	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.4	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	12.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
779	18428494.60	5017884.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.7	0.8	-1.7	0.0	0.0	0.0	0.0	0.0	13.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
780	18428468.84	5017956.84	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.8	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	12.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
782	18428448.92	5017962.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.1	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	12.1

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
783	18428435.83	5017963.44	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.3	0.9	-1.1	0.0	0.0	0.0	0.0	0.0	11.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
784	18428429.46	5017974.03	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.4	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	12.1

Point Source, ISO 9613, Name: "HVAC-Walmart ", ID: "COMM10"																				
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)
785	18428450.57	5017888.05	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.5	0.9	-1.8	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
786	18428421.15	5017969.02	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.6	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	11.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
787	18428412.04	5017972.32	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.7	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	11.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
788	18428401.12	5017976.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.9	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	11.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
789	18428398.38	5017979.15	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	12.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
790	18428393.15	5017987.92	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.0	1.0	-2.2	0.0	0.0	0.0	0.0	0.0	12.3

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
791	18428386.01	5017991.81	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.1	1.0	-2.3	0.0	0.0	0.0	0.0	0.0	12.2

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
792	18428390.94	5017911.93	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	11.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
793	18428339.80	5017952.97	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
794	18428331.03	5017989.74	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.0	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
795	18428332.63	5017940.79	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	10.6

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NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
796	18428324.43	5017959.46	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	10.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
797	18428317.60	5017988.03	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
798	18428315.90	5017992.01	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.2	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	11.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
799	18428316.58	5017975.74	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.2	0.0	0.0	0.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
800	18428313.51	5017997.02	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
801	18428312.60	5017999.30	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.9

Point Source, ISO 9613, Name: "HVAC-Upper Rm", ID: "COMM10"																				
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)
802	18428316.33	5017971.26	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	10.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
803	18428314.76	5017979.49	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
804	18428318.17	5017952.06	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	10.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
805	18428309.86	5018004.31	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.3	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
806	18428305.31	5018013.64	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.4	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
807	18428299.28	5018015.92	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.5	1.1	-2.3	0.0	0.0	0.0	0.0	0.0	10.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
808	18428294.16	5018018.31	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.5	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	10.6

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
809	18428290.29	5018019.79	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	10.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
810	18428281.64	5018022.86	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.7	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	10.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
811	18428276.29	5018024.91	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.8	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	10.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
812	18428268.20	5018020.70	8.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.9	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	10.2

50% DUTY CYCLE

Receiver
Name: R3 - SE
ID: R3
X: 18428987.81 m
Y: 5018071.82 m
Z: 21.10 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
3	18429084.46	5018114.25	25.32	0	N	500	92.0	0.0	0.0	0.0	0.0	51.5	0.2	-2.7	0.0	0.0	5.1	0.0	0.0	37.9

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
4	18428897.28	5017970.44	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	53.7	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	29.0

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
7	18428892.54	5017969.58	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	54.0	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	28.7

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
11	18428894.25	5017964.34	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	54.1	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	28.6

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
19	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.1	63.4	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	30.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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	18429022.86	5017913.85	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	55.2	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	28.7

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
31	18428737.08	5017746.25	13.28	0	N	A	93.0	0.0	0.0	0.0	-2.1	63.3	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	28.7

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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)
36	18429075.97	5017987.35	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	52.7	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	29.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
40	18429002.54	5017897.34	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	28.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
43	18429027.70	5017900.64	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	28.0

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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	18429078.45	5017980.72	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	53.2	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	29.3

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
51	18428906.84	5017971.92	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	53.2	0.2	-1.9	0.0	0.0	0.0	0.0	0.0	30.5

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
55	18428907.15	5017970.27	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	53.3	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	30.4

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
59	18428897.74	5017977.65	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	53.3	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	30.3

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
63	18428740.63	5017731.08	13.28	0	N	A	92.0	0.0	0.0	0.0	-2.1	63.5	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	27.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
67	18429006.30	5017883.63	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	27.4

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
70	18428902.51	5017967.43	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	53.6	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	27.1

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
75	18428898.84	5017963.19	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	54.0	0.3	-2.0	0.0	0.0	0.0	0.0	0.0	26.7

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
80	18428689.10	5017741.69	13.28	0	N	A	90.8	0.0	0.0	0.0	-2.1	64.0	1.4	-2.5	0.0	0.0	0.0	0.0	0.0	25.8

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
83	18428689.53	5017736.56	13.28	0	N	A	90.8	0.0	0.0	0.0	-2.1	64.0	1.5	-2.5	0.0	0.0	0.0	0.0	0.0	25.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
86	18428841.91	5017858.93	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	24.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
91	18428821.02	5017862.97	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	24.3
98	18428821.02	5017862.97	7.50	1	N	500	85.0	0.0	0.0	0.0	-3.0	63.6	0.8	-2.2	0.0	0.0	0.0	0.0	1.0	18.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
101	18428987.32	5017867.93	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	57.2	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	23.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
103	18428980.36	5017866.39	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	57.3	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	23.7

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
109	18428805.03	5017838.98	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	23.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
120	18428951.37	5017855.48	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	57.8	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
124	18429014.15	5017916.12	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.0	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	22.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
128	18428934.56	5017851.58	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	22.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
132	18428958.04	5017847.06	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.1	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	22.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
136	18428904.88	5017932.82	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.2	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	22.6

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
143	18428900.89	5017974.32	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	53.4	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	25.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
146	18428699.54	5017907.54	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.4	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	21.8

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
152	18428900.89	5017972.84	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	53.4	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	25.2

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
157	18428901.09	5017971.24	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	53.5	0.3	-1.9	0.0	0.0	0.0	0.0	0.0	25.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
164	18428702.65	5017890.37	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.6	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	21.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
167	18428887.23	5017932.10	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.7	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	22.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
174	18428937.81	5017832.61	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.8	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	22.1

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
178	18428887.32	5017929.83	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.8	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	22.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
183	18428681.78	5017905.82	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.8	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
186	18428903.02	5017919.63	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.8	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	22.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
191	18428899.50	5017919.53	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	55.9	0.3	-2.2	0.0	0.0	0.0	0.0	0.0	21.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
200	18428682.91	5017888.38	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	62.0	0.7	-1.9	0.0	0.0	0.0	0.0	0.0	21.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
204	18428986.72	5017891.71	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	56.1	0.3	-2.3	0.0	0.0	0.0	0.0	0.0	21.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
208	18428888.39	5017919.08	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	56.2	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
214	18428705.31	5017834.86	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	21.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
220	18428680.43	5017833.35	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	62.8	0.8	-2.0	0.0	0.0	0.0	0.0	0.0	20.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
223	18428848.06	5017929.37	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.0	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	20.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
231	18428848.36	5017924.98	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.2	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
237	18428649.23	5017844.82	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.2	0.8	-2.0	0.0	0.0	0.0	0.0	0.0	20.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
241	18428848.85	5017920.82	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.3	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	20.5

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
246	18428633.96	5017850.56	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.4	0.8	-1.9	0.0	0.0	0.0	0.0	0.0	19.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
250	18428849.44	5017914.86	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.4	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	20.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
256	18428850.16	5017907.54	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.6	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
274	18428907.27	5017853.20	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.4	0.4	-2.4	0.0	0.0	0.0	0.0	0.0	19.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
278	18428920.82	5017840.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	19.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
281	18428841.16	5017869.82	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	18.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
286	18428897.42	5017838.66	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	18.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
290	18428922.00	5017821.49	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	18.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
294	18428487.28	5017933.30	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.3	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	16.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
296	18428935.28	5017811.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	18.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
299	18428899.14	5017819.42	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.6	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	18.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
303	18428474.08	5017916.23	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.6	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	17.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
308	18428464.74	5017941.84	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.6	1.0	-1.0	0.0	0.0	0.0	0.0	0.0	16.3

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
310	18428471.35	5017890.96	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.8	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	17.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
313	18428923.71	5017802.88	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.8	0.5	-2.6	0.0	0.0	0.0	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
317	18428442.21	5017950.92	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	65.9	1.1	-1.1	0.0	0.0	0.0	0.0	0.0	16.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
321	18428823.59	5017845.15	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.0	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	18.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
326	18428446.65	5017926.79	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.0	1.1	-1.3	0.0	0.0	0.0	0.0	0.0	16.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
337	18428448.70	5017899.84	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	16.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
339	18428901.04	5017798.82	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.2	0.6	-2.6	0.0	0.0	0.0	0.0	0.0	17.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
341	18428419.44	5017959.12	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	15.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
346	18428426.61	5017907.92	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	16.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
352	18428418.19	5017937.27	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.3	1.1	-1.3	0.0	0.0	0.0	0.0	0.0	15.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
358	18428808.10	5017838.41	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	17.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
370	18428409.20	5017914.50	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.6	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	15.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
374	18428795.27	5017840.20	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	17.4

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
378	18428388.47	5017971.04	9.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.7	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	15.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
380	18428789.53	5017837.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	17.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
388	18428793.12	5017831.81	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	17.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
393	18428381.42	5017951.61	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	66.8	1.2	-1.4	0.0	0.0	0.0	0.0	0.0	15.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
400	18428778.92	5017836.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	17.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
404	18428372.77	5017928.50	9.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	67.0	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	15.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
409	18428760.28	5017852.11	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	16.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
413	18428712.09	5017913.91	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.0	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	16.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
417	18428760.49	5017848.59	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	16.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
430	18428347.08	5017971.30	8.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	67.2	1.3	-1.7	0.0	0.0	0.0	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
434	18428700.89	5017915.62	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.3	0.6	-1.7	0.0	0.0	0.0	0.0	0.0	15.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
436	18428761.92	5017834.39	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.3	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	16.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
442	18428717.47	5017884.86	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.3	0.6	-1.9	0.0	0.0	0.0	0.0	0.0	15.9

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
445	18428761.92	5017830.74	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	16.5
448	18428761.92	5017830.74	7.50	2	N	500	79.0	0.0	0.0	0.0	-3.0	65.3	1.0	-2.6	0.0	0.0	0.0	0.0	2.0	10.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM11"																				
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)
455	18428331.95	5017976.53	8.00	0	N	500	85.0	0.0	0.0	0.0	-3.0	67.4	1.3	-2.2	0.0	0.0	0.0	0.0	0.0	15.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
458	18428713.70	5017855.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.9	0.7	-2.0	0.0	0.0	0.0	0.0	0.0	15.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
464	18428703.59	5017854.07	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.0	0.0	0.0	0.0	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
469	18428668.05	5017905.95	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.1	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	14.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
471	18428666.47	5017900.99	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.2	0.7	-1.8	0.0	0.0	0.0	0.0	0.0	14.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM3"																				
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)
475	18428669.77	5017885.85	24.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.3	0.7	-1.9	0.0	0.0	0.0	0.0	0.0	14.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
477	18428716.57	5017819.80	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.4	0.7	-2.3	0.0	0.0	0.0	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
481	18428719.43	5017816.50	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.4	0.7	-2.4	0.0	0.0	0.0	0.0	0.0	15.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
490	18428706.38	5017824.46	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.5	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	15.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
494	18428707.75	5017819.37	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.5	0.7	-2.3	0.0	0.0	0.0	0.0	0.0	15.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
499	18428694.91	5017815.86	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.8	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	14.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
504	18428685.52	5017819.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.9	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	14.5

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
509	18428669.67	5017836.15	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.0	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	14.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
519	18428662.50	5017838.66	24.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	63.0	0.8	-2.0	0.0	0.0	0.0	0.0	0.0	14.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
556	18428701.29	5017812.92	24.50	0	N	500	77.0	0.0	0.0	0.0	-3.0	62.7	0.7	-2.3	0.0	0.0	0.0	0.0	0.0	12.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
562	18428520.21	5017922.90	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	64.8	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	11.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
564	18428505.53	5017920.40	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.1	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	11.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
568	18428490.70	5017948.19	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.2	1.0	-0.9	0.0	0.0	0.0	0.0	0.0	10.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
572	18428494.60	5017884.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.4	1.0	-2.0	0.0	0.0	0.0	0.0	0.0	11.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
575	18428468.84	5017956.84	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.5	1.0	-0.9	0.0	0.0	0.0	0.0	0.0	10.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
587	18428448.92	5017962.88	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	65.8	1.1	-1.0	0.0	0.0	0.0	0.0	0.0	10.1

Point Source, ISO 9613, Name: "HVAC-Walmart ", ID: "COMM10"																				
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)
594	18428450.57	5017888.05	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.1	1.1	-2.0	0.0	0.0	0.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
618	18428398.38	5017979.15	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.5	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	10.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM10"																				
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)
624	18428393.15	5017987.92	9.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.6	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	10.5

Point Source, ISO 9613, Name: "HVAC-Walmart", ID: "COMM10"																				
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)
627	18428386.01	5017991.81	9.00	0	N	500	79.0	0.0	0.0	0.0	-3.0	66.7	1.2	-2.3	0.0	0.0	0.0	0.0	0.0	10.5

Receiver
Name: R4 - NE
ID: R4
X: 18429028.14 m
Y: 5018103.03 m
Z: 21.10 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
6	18429084.46	5018114.25	25.32	0	N	500	92.0	0.0	0.0	0.0	0.0	46.2	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	48.4

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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)
8	18429075.97	5017987.35	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	53.0	0.2	-2.7	0.0	0.0	0.0	0.0	0.0	29.5

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-2.0	64.4	1.5	-2.5	0.0	0.0	4.7	0.0	0.0	24.9

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
17	18428737.08	5017746.25	13.28	0	N	A	93.0	0.0	0.0	0.0	-2.0	64.3	1.5	-2.5	0.0	0.0	4.8	0.0	0.0	22.9

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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)
21	18429078.45	5017980.72	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	53.4	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	29.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
25	18429022.86	5017913.85	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.7	0.0	0.0	0.0	0.0	0.0	27.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
30	18429027.70	5017900.64	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.1	0.4	-2.7	0.0	0.0	0.0	0.0	0.0	27.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
33	18429002.54	5017897.34	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.4	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	26.5

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
37	18428897.28	5017970.44	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	56.4	0.4	-2.1	0.0	0.0	5.3	0.0	0.0	21.1

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
42	18428740.63	5017731.08	13.28	0	N	A	92.0	0.0	0.0	0.0	-2.0	64.4	1.5	-2.5	0.0	0.0	4.7	0.0	0.0	21.8

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
47	18428892.54	5017969.58	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.1	0.0	0.0	5.3	0.0	0.0	20.8

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC-Milestones", ID: "COMM9"																				
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)
52	18428894.25	5017964.34	7.00	0	N	500	84.0	0.0	0.0	0.0	-3.0	56.7	0.4	-2.2	0.0	0.0	5.2	0.0	0.0	20.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
57	18429006.30	5017883.63	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.6	0.0	0.0	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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	18428906.84	5017971.92	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	56.1	0.3	-2.1	0.0	0.0	5.1	0.0	0.0	22.6

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
65	18428689.10	5017741.69	13.28	0	N	A	90.8	0.0	0.0	0.0	-1.9	64.9	1.6	-2.5	0.0	0.0	5.0	0.0	0.0	19.9

Point Source, ISO 9613, Name: "HVAC-Milestones - AC", ID: "COMM9"																				
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)
71	18428907.15	5017970.27	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	56.1	0.3	-2.1	0.0	0.0	5.1	0.0	0.0	22.6

Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12"																				
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)
77	18428689.53	5017736.56	13.28	0	N	A	90.8	0.0	0.0	0.0	-1.9	65.0	1.6	-2.5	0.0	0.0	5.0	0.0	0.0	19.9

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
84	18428897.74	5017977.65	7.00	0	N	500	82.0	0.0	0.0	0.0	0.0	56.2	0.3	-2.1	0.0	0.0	5.4	0.0	0.0	22.2

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
87	18428902.51	5017967.43	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	56.4	0.4	-2.1	0.0	0.0	5.1	0.0	0.0	19.3

Point Source, ISO 9613, Name: "HVAC-Milestones - MUA", ID: "COMM9"																				
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)
92	18428898.84	5017963.19	7.00	0	N	500	82.0	0.0	0.0	0.0	-3.0	56.6	0.4	-2.2	0.0	0.0	5.1	0.0	0.0	19.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
97	18428841.91	5017858.93	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.4	0.0	0.0	4.8	0.0	0.0	18.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
102	18428821.02	5017862.97	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.4	0.0	0.0	5.0	0.0	0.0	17.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
111	18428987.32	5017867.93	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	22.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
115	18428980.36	5017866.39	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	58.7	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	22.2

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
118	18428805.03	5017838.98	7.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	61.8	0.7	-2.6	0.0	0.0	5.0	0.0	0.0	17.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
127	18428951.37	5017855.48	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	21.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
131	18429014.15	5017916.12	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	56.5	0.4	-2.7	0.0	0.0	0.0	0.0	0.0	21.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
134	18428958.04	5017847.06	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	21.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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	18428934.56	5017851.58	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	59.6	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	21.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
154	18428937.81	5017832.61	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	60.1	0.6	-2.4	0.0	0.0	0.0	0.0	0.0	20.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
163	18428705.31	5017834.86	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.5	0.8	-2.2	0.0	0.0	5.5	0.0	0.0	14.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
168	18428904.88	5017932.82	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.5	0.4	-2.3	0.0	0.0	4.8	0.0	0.0	15.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
173	18428986.72	5017891.71	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.7	0.4	-2.3	0.0	0.0	0.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM2"																				
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)
175	18428680.43	5017833.35	24.50	0	N	500	85.0	0.0	0.0	0.0	-3.0	63.9	0.8	-2.2	0.0	0.0	7.3	0.0	0.0	12.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
180	18428887.23	5017932.10	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	5.0	0.0	0.0	15.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
185	18428903.02	5017919.63	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	57.9	0.4	-2.3	0.0	0.0	4.7	0.0	0.0	15.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
190	18428887.32	5017929.83	8.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.0	0.4	-2.3	0.0	0.0	4.9	0.0	0.0	14.9

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
196	18428899.50	5017919.53	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.0	0.4	-2.3	0.0	0.0	4.7	0.0	0.0	15.1

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
201	18428900.89	5017974.32	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	56.2	0.4	-2.1	0.0	0.0	5.3	0.0	0.0	17.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
210	18428900.89	5017972.84	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	56.2	0.4	-2.1	0.0	0.0	5.2	0.0	0.0	17.3

Point Source, ISO 9613, Name: "HVAC-Milestones - Exhaust", ID: "COMM9"																				
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)
215	18428901.09	5017971.24	6.50	0	N	500	77.0	0.0	0.0	0.0	0.0	56.3	0.4	-2.1	0.0	0.0	5.2	0.0	0.0	17.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM5"																				
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)
217	18428888.39	5017919.08	7.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.3	0.4	-2.3	0.0	0.0	4.8	0.0	0.0	14.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
229	18428848.06	5017929.37	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.0	0.5	-2.2	0.0	0.0	5.3	0.0	0.0	13.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
238	18428848.36	5017924.98	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.2	0.0	0.0	5.3	0.0	0.0	13.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
243	18428848.85	5017920.82	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.2	0.5	-2.2	0.0	0.0	5.2	0.0	0.0	13.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
249	18428849.44	5017914.86	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.2	0.0	0.0	5.2	0.0	0.0	13.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM4"																				
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)
255	18428850.16	5017907.54	6.80	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.3	0.0	0.0	5.1	0.0	0.0	13.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
261	18428907.27	5017853.20	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.9	0.5	-2.4	0.0	0.0	4.5	0.0	0.0	13.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
266	18428920.82	5017840.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.1	0.5	-2.4	0.0	0.0	4.4	0.0	0.0	13.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
293	18428897.42	5017838.66	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.4	0.6	-2.5	0.0	0.0	4.5	0.0	0.0	13.0

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
307	18428841.16	5017869.82	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.5	0.6	-2.3	0.0	0.0	4.9	0.0	0.0	12.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
315	18428922.00	5017821.49	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.6	0.6	-2.5	0.0	0.0	0.0	0.0	0.0	17.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
327	18428935.28	5017811.47	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.7	0.6	-2.6	0.0	0.0	0.0	0.0	0.0	17.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
333	18428899.14	5017819.42	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	60.9	0.6	-2.6	0.0	0.0	4.4	0.0	0.0	12.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
347	18428923.71	5017802.88	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.1	0.6	-2.6	0.0	0.0	0.0	0.0	0.0	16.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
364	18428823.59	5017845.15	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.5	0.0	0.0	4.9	0.0	0.0	11.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
371	18428901.04	5017798.82	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.4	0.6	-2.6	0.0	0.0	4.4	0.0	0.0	12.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
390	18428808.10	5017838.41	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.7	0.7	-2.6	0.0	0.0	4.9	0.0	0.0	11.2

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
402	18428795.27	5017840.20	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	61.9	0.7	-2.6	0.0	0.0	5.0	0.0	0.0	10.9

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
414	18428789.53	5017837.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.6	0.0	0.0	5.1	0.0	0.0	10.7

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
428	18428793.12	5017831.81	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.1	0.7	-2.6	0.0	0.0	5.0	0.0	0.0	10.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
435	18428778.92	5017836.33	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.6	0.0	0.0	5.1	0.0	0.0	10.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
443	18428760.28	5017852.11	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.3	0.7	-2.6	0.0	0.0	5.4	0.0	0.0	10.2

50% DUTY CYCLE

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
453	18428760.49	5017848.59	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.4	0.7	-2.5	0.0	0.0	5.3	0.0	0.0	10.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
463	18428761.92	5017834.39	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.6	0.7	-2.6	0.0	0.0	5.2	0.0	0.0	10.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM7"																				
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)
473	18428761.92	5017830.74	7.50	0	N	500	79.0	0.0	0.0	0.0	-3.0	62.6	0.7	-2.6	0.0	0.0	5.2	0.0	0.0	10.0

50% DUTY CYCLE

Receiver
Name: R5 - NE
ID: R5
X: 18429037.40 m
Y: 5018152.85 m
Z: 27.00 m

Point Source, ISO 9613, Name: "Tire", ID: "TIMWALK13"																				
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)
10	18429084.46	5018114.25	25.32	0	N	500	92.0	0.0	0.0	0.0	0.0	46.7	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	47.9

Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12"																				
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)
14	18428746.01	5017731.83	13.28	0	DEN	A	95.0	0.0	0.0	0.0	-1.6	65.2	1.6	-2.5	0.0	0.0	18.6	0.0	0.0	10.5

Point Source, ISO 9613, Name: "HVAC-Apt - 8 Cond Fans", ID: "COMM8"																				
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	18429075.97	5017987.35	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	55.6	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	26.8

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
32	18429022.86	5017913.85	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.7	0.0	0.0	0.0	0.0	0.0	25.6

Point Source, ISO 9613, Name: "HVAC-Apt - 12 Cond Fans", ID: "COMM8"																				
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)
35	18429078.45	5017980.72	25.00	0	N	500	82.0	0.0	0.0	0.0	-2.0	56.0	0.3	-2.7	0.0	0.0	0.0	0.0	0.0	26.4

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
41	18429027.70	5017900.64	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.1	0.5	-2.7	0.0	0.0	0.0	0.0	0.0	25.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
45	18429002.54	5017897.34	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.3	0.5	-2.4	0.0	0.0	0.0	0.0	0.0	24.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
64	18429006.30	5017883.63	7.30	0	N	500	85.0	0.0	0.0	0.0	-3.0	59.7	0.5	-2.5	0.0	0.0	0.0	0.0	0.0	24.3

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
122	18428987.32	5017867.93	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	60.2	0.6	-2.4	0.0	0.0	0.0	0.0	0.0	20.6

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
125	18428980.36	5017866.39	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	60.3	0.6	-2.4	0.0	0.0	4.5	0.0	0.0	16.0

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
147	18428951.37	5017855.48	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	60.8	0.6	-2.4	0.0	0.0	9.5	0.0	0.0	10.5

NIGHTTIME - OFFSITE MECHANICAL SOUND LEVELS

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
156	18428958.04	5017847.06	7.50	0	N	500	82.0	0.0	0.0	0.0	-3.0	61.0	0.6	-2.4	0.0	0.0	7.7	0.0	0.0	12.1

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
171	18429014.15	5017916.12	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	58.6	0.5	-2.6	0.0	0.0	0.0	0.0	0.0	19.5

Point Source, ISO 9613, Name: "HVAC", ID: "COMM6"																				
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)
195	18428986.72	5017891.71	7.30	0	N	500	79.0	0.0	0.0	0.0	-3.0	59.5	0.5	-2.4	0.0	0.0	4.3	0.0	0.0	14.0

50% DUTY CYCLE

APPENDIX C: WARNING CLAUSES

TYPE A:

"Purchasers are advised that sound levels due to increasing road traffic may occasionally interfere with some activities of the dwelling occupants as the sound levels exceed the Municipality's and the Ministry of the Environment, Conservation and Parks' noise criteria."

TYPE B:

"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 on occasions interfere with some activities of the dwelling occupants as the sound levels exceed the Municipality's and the Ministry of the Environment, Conservation and Parks' noise criteria."

TYPE C:

"This dwelling unit has been designed with the provision for adding central air conditioning at the occupant's discretion. Installation of central air conditioning by the occupant in low and medium density developments will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the sound level limits of the Municipality and the Ministry of the Environment, Conservation and Parks."

TYPE D:

"This dwelling unit 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 Municipality's and the Ministry of the Environment, Conservation and Parks' noise criteria."

APPENDIX D: NOISE CRITERIA

The noise study will be based on the following criteria for residential units, as required by the City of Ottawa.

SOUND LEVEL LIMITS ROAD AND RAIL			
Type of Space	**Time Period**	**L_{eq} (dBA)**	
		Road	**Rail**
INDOOR LIMITS			
Living/dining, den areas of residences, hospitals, nursing homes, schools, daycare centres, etc.	07:00 – 23:00	45	40
Living/dining, den areas of residences, hospitals, nursing homes, etc. (except schools or daycare centres)	23:00 – 07:00	45	40
Sleeping quarters	07:00 – 23:00	45	40
	23:00 – 07:00	40	35
OUTDOOR LIMITS			
Outdoor recreation areas[1]	07:00 – 23:00	55	55
Outside bedroom window	23:00 – 07:00	50	50
Outside living room window	07:00 – 23:00	55	55

[1] Up to 5 dB excess above criteria is allowed, provided a warning clause is given. Above 60 dB L_{eq}, exterior noise mitigation measures (i.e., noise barriers, intervening structures, additional setback from source) are required.

All calculations are based on the Preliminary Architectural Plans and Elevations by Rossman Architect, dated August 19, 2021.

L_{eq} (Definition)

The L_{eq} is defined as the mean energy of the noise level averaged over the measurement period. It can be considered as the continuous steady noise level which would have the same acoustic energy as the real fluctuating noise measured over the same period of time.

APPENDIX E: REFERENCES

1. “City of Ottawa Environmental Noise Control Guidelines,” January 2016.

2. Ministry of the Environment’s *STAMSON* Computer Programme (*Version 5.04*) for the IBM PC.

3. Ministry of the Environment, *ORNAMENT*, “Ontario Road Noise Analysis Method for Environment and Transportation,” November 1988.

4. Ministry of the Environment, “Publication NPC-300, Environmental Noise Guideline – Stationary and Transportation Sources – Approval and Planning,” August 2013.